

OKLAHOMA

Corporation Commission

P.O. BOX 52000
OKLAHOMA CITY OKLAHOMA 73152-2000

255 Jim Thorpe Building
Telephone: (405)521-2302
FAX: (405)521-3099

OIL & GAS CONSERVATION DIVISION



Tim Baker, Division Director

Friday, November 18, 2016

Multiple Well Transfer Request: 1073MW form

From: PetroQuest Energy LLC, #21466

To: Tag Team Resources LLC, #20470

All wells on the submitted list were approved, with the following exceptions:

Lined through well on the list was not transferred:

141 wells were transferred

Instructions

- A. Please type or print using black or blue ink.
 B. Form must be signed by former operator and new operator.
 C. Signatories must be listed on their company's Form 1006B.
 D. Fill in the complete legal description on back page or successive pages.
 E. Direct questions to Well Records at (405) 521-2271.

11/18 email both

OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division
 Post Office Box 52000
 Oklahoma City, Oklahoma 73152-2000

Transfer of Operator
 Multiple Oil and/or Gas Wells

OAC 165:10-1-15

This form must be filed with the
 OCC within 30 days of transfer of
 the wells.

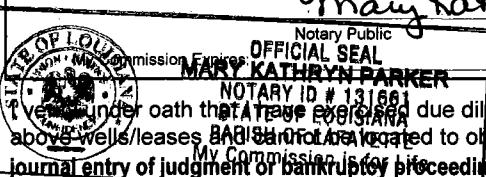
Form 1073MW
 New 2016 - Front Page

FEE: \$250.00

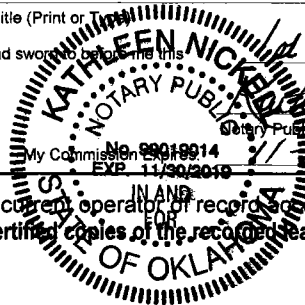
OAC 165:5-3-1(b)(1)(O)

(SEE BACK PAGE FOR
 PAYMENT INFORMATION)

CURRENT OPERATOR		OCC/OTC No. 21466	
Name PetroQuest Energy, LLC			
Address 400 E. Kaliste Saloon Ste 6000			
City Lafayette	State LA	Zip 70508-8523	
FAX No./E-mail: 337-232-0044/amixon@petroquest.com			
I verify that I am the legal operator of record with authority to transfer ownership of these wells, that the facts presented herein are true and correct, and that I have completed this form and attached all documents as required by the above instructions.			
No. of wells listed: _____			
(Signatory must be listed on company's Form 1006B Operator's Agreement)			
Signature <i>Art M. Mixon</i>			
Name & Title (Print or Type) Art M. Mixon, EVP-Operations & Prod.		(AC) Phone 337-232-7028	
Signed and sworn to before me this <u>1st</u> day of <u>November</u> , 2016			
<i>Mary Kathryn Parker</i>			



NEW OPERATOR		OCC/OTC No. 20470	
Name TAG Team Resources, LLC			
Address 111 S. Main Street			
City Eufala	State OK	Zip 74432	
FAX No./E-mail: christian.sellers@gmail.com			
Being the new operator, as of the effective date of transfer, I accept the facts presented as being true and correct and accept the operational responsibility for the wells on the described property.			
No. of wells listed: _____			
(Signatory must be listed on company's Form 1006B Operator's Agreement)			
Signature <i>Christian Sellers</i>			
Name & Title (Print or Type) Christian Sellers, President/Manager		(AC) Phone 918-689-9595	
Signed and sworn to before me this <u>1st</u> day of <u>November</u> , 2016			
<i>Kathleen Nickerson</i>			



DO NOT WRITE INSIDE THIS BOX

RECEIPT 1703600144
 Date: 11/04/2016 Time: 16:01
 Case: 000000000 Cashier: CSD
 Payor: TAG TEAM RESOURCES, LLC
 Check: 5796 \$250.00
 58 WELL TRANSFER-OPER

Use this form to transfer 10 or more
 oil or gas wells. Use Form 1073
 to transfer single oil and gas wells.

I verify under oath that I have exercised due diligence in attempting to locate the current operator of record according to OCC records, who has abandoned the above wells/leases and cannot be located to obtain a signature. I have attached certified copies of the record lease(s) or assignment(s), or certified copies of a journal entry of judgment or bankruptcy proceeding pursuant to OAC 165:10-1-15(b).

Signature

Signed and sworn to before me this _____ day of _____

Notary Public

My commission expires: _____

FOR OCC USE ONLY

	Surety	Approved Date
Well Records Review:	NOV 18 2016	NOV 18 2016
		WELL RECORDS APPROVED

By processing this Form 1073MW, the Oklahoma Corporation Commission has approved the contents thereof as to form only. The Oklahoma Corporation Commission does not warrant that the facts provided by the operator are true.

Transfer is not effective until approved by the Well Records Department.

FOR OCC USE ONLY	API NUMBER (no dashes)	Well Name	Well #	Class: (Oil, Gas or Dry)	Status: (use Codes on Back Page)	SEC	TWP	RGE	Qtr	Qtr	Qtr	Qtr	COMMENTS
✓	3512100028	BAUMAN	1	GAS	AC	29	09N	16E	SW4	NE4	NE4	SW	
	3512100128	MCDUFF	1-32	GAS	PA	32	09N	16E	SE4	NW4	SE4		Plugged
✓	3512100306	F. O. SMITH	153	GAS	AC	05	08N	16E	NE4	SW4	SW4	NE	
	3512100306	F. O. SMITH	3-5	GAS	AC	05	08N	16E	NE4	SW4	SW4		Duplicate
✓	3512120025	BENDER	101	GAS	AC	33	09N	16E	NW4	SW	SE	NW4	
✓	3512120078	KATY	1	GAS	AC	28	09N	16E	CSW4				
✓	3512120196	PRESSON	A-1	GAS	AC	31	09N	16E	SE4	NW4	CS2	NW	SE
✓	3512120203	SMITH	1	GAS	AC	05	08N	16E	NW4	SE4	NE4	SE4	NE SE NW
✓	3512120554	MONCRIEF	1	GAS	AC	12	08N	15E	SE4				
✓	3512120566	MCDUFF	1-A	GAS	AC	12	08N	15E	CNE4				
✓	3512120616	FULTON	1-13	GAS	AC	13	08N	15E	NE4	SW4	NE4		
✓	3512120715	WATKINS	1-11	GAS	AC	11	05N	13E	NW4				
✓	3512120727	HOPKINS	1-13	GAS	AC	13	05N	13E	S'E	NE4	NE4	SW	
✓	3512120774	WATSON	1-18	GAS	AC	18	05N	14E	SW4				
✓	3512120963	ORBISON	2-12	GAS	AC	12	08N	15E	SW4				
✓	3512121329	MCDUFF	2-32	GAS	AC	32	09N	16E	NE4	NE4	SW4	NE	NE
✓	3512121337	BENDER	2-33	GAS	AC	33	09N	16E	NW4	NE4	SW4	NE	NW
✓	3512121374	BLAKE WATKINS	1-7	GAS	AC	07	05N	14E	SW4	N2	S2	N2	SW
✓	3512121400	HEAROD	1	GAS	AC	05	08N	16E	SE4	NW4	SW4	SW4	NW SE
✓	3512121578	SCHWARZ	1-1	GAS	AC	01	06N	14E	SW4	CN2	SW		
✓	3512121841	TEEL	1-5	GAS	AC	05	08N	16E	CNW4				
✓	3512121976	TEEL	2-5	GAS	AC	05	08N	16E	SW4	N2	CN2	N2	SW
✓	3512121983	PRESSON	2-31	GAS	AC	31	09N	16E	CSE4				
✓	3512121987	RITCHIE	1-6	GAS	AC	06	08N	16E	CSE4				
✓	3512121988	BENDER	3-33	GAS	AC	33	09N	16E	SW4	N2	CS2	N2	SW
✓	3512121992	MCDUFF	3-32	GAS	AC	32	09N	16E	SE4	SW4	NW4	NW4	SW SE
✓	3512122078	ORBISON	1-6	GAS	AC	06	08N	16E	CSW4				
✓	3512122089	CASTAWAY	1-25	GAS	AC	25	09N	16E	CSE4				
✓	3512122120	ORBISON	2-6	GAS	AC	06	08N	16E	NW4	S2	N2	N2	S2 NW

29
2/27

14/17

✓	3512122122	CARLTON BASS	1-31	GAS	AC	26	09N	16E	SE4	NE4	SW4	NE4	SW NE SE
✓	3512122157	ORBISON	3-6	GAS	AC	06	08N	16E	CNE4				
✓	3512122160	ORBISON	2-1	GAS	AC	01	08N	15E	CSE4				
✓	3512122169	HOOSER	1-22	GAS	AC	22	07N	15E	NE4	SE4	N2	S2	N2 SE NE
✓	3512122222	ROCK	1-11	GAS	AC	11	06N	14E	NW4	NW4	SW4	NE4	SW NW NW
✓	3512122246	ORBISON	1-1	GAS	AC	01	08N	15E	NE4	S2	N2	N2	S2 NE
✓	3512122262	GLENNIE	1-13	GAS	AC	13	05N	13E	SE4	E2	W2	E2	W2 E2 SE
✓	3512122324	INDIANOLA	1-17	GAS	AC	17	08N	15E	CSW4				
✓	3512122349	SANDRA	1-13	GAS	AC	13	05N	13E	CNE4				
✓	3512122380	SAM'S POINT	1-2	GAS	AC	02	08N	15E	CSE4				
✓	3512122442	JUANITA	1-13	GAS	AC	13	05N	13E	NW4	CE2	NW		
✓	3512122483	SELMAN	1-13	GAS	AC	13	05N	13E	CW2				
✓	3512122485	GENEVA	1-18	GAS	AC	18	05N	14E	W2	CW2	W2		
✓	3512122487	DAWN	1-18	GAS	AC	18	05N	14E	NW4	CNW4	NW		
✓	3512122495	WILLIAM	1-7	GAS	AC	07	05N	14E	NW4	CSE4	NW		
✓	3512122496	GENEVA	2-18	GAS	AC	18	05N	14E	NE4	SW4	SW4	NE	
✓	3512122518	VERNER	1-7	GAS	AC	07	05N	14E	SW4	CSW4	SW		
✓	3512122574	GENEVA	4-18	GAS	AC	18	05N	14E	CNW4				
✓	3512122575	GENEVA	5-18	GAS	AC	18	05N	14E	NE4	W2	W2	NE	
✓	3512122582	CHRISTINE	1-7	GAS	AC	07	05N	14E	NE4	W2	W2	NE	
✓	3512122590	ORBISON	3-12	GAS	AC	12	08N	15E	CNW4				
✓	3512122596	TEEL	3-5	GAS	AC	05	08N	16E	NE4	E2	CW2	E2	NE
✓	3512122606	FRANK	1-13	GAS	AC	13	05N	13E	SW4	SW4	SW4		
✓	3512122611	BENDER	4-33	GAS	AC	33	09N	16E	CSE4				
✓	3512122745	MARY NELL	1-24	GAS	AC	24	05N	13E	NW4	NW4	NE4	SE4	SW NW NE NW
✓	3512122746	LEHNHARD	1-19A	GAS	AC	19	05N	14E	CNW4				
✓	3512122798	LEHNHARD	2-19	GAS	AC	19	05N	14E	SW4	NW4	CNW4	NW	SW
✓	3512122814	MARY NELL	2-24	GAS	AC	24	05N	13E	NE4	CNE4	NE		
✓	3512122827	MARY NELL	3-24	GAS	AC	24	05N	13E	SE4	NE4	CS2	NE	SE
✓	3512122834	EMMANUEL	1-10	GAS	AC	10	07N	15E	NW4	NW4	SW4	SW4	NW NW
✓	3512122865	FORSTER	1-34	GAS	AC	27	07N	14E	SE4	SE4	SE4	SW4	SE SE SE
✓	3512122867	MARY NELL	4-24	GAS	AC	24	05N	13E	NE4	SW4	NW4	NW4	SW NE
✓	3512122934	CLANTON	1-33	GAS	AC	33	09N	16E	SW4	NW4	N2	N2	NW SW

4/17

✓	3512122937	FREE	1-36	GAS	AC	36	07N	14E	SE4	NW4	NW4	NW4	SE
✓	3512122956	LEWIS	4-8	GAS	AC	07	08N	16E	NE4	S2	E2	CE2	E 2 S2 NE
✓	3512122995	VERNER	2-11	GAS	AC	11	05N	13E	NE4	SW4	NE4	SW4	NE SW NE
✓	3512123003	WHITE	1-25	GAS	AC	25	07N	14E	SW4	NE4	NE4	NE4	SW
✓	3512123006	SCHWARZ	1-35	GAS	AC	35	07N	14E	SE4	SW4	SE4	SE4	SW SE
✓	3512123035	VERNER	3-11	GAS	AC	11	05N	13E	SW4	SW4	CE2	SW	SW
✓	3512123036	MARY NELL	5-24	GAS	AC	24	05N	13E	NE4	SE4	S2	S2	SE NE
✓	3512123037	MARY NELL	6-24	GAS	AC	24	05N	13E	NW4	SW4	NE4	S2	NE SW NW
✓	3512123061	DOROTHY	1-11	GAS	AC	11	05N	13E	SE4	CSE4	SE		
✓	3512123063	LINDSEY	1-11	GAS	AC	11	05N	13E	SW4	CNE4	SW		
✓	3512123108	ORBISON	4-12	GAS	AC	12	08N	15E	SW4	SW4	SW4	W2	SW SW SW
✓	3512123142	HYDE	4-13	GAS	AC	13	08N	15E	NW4	SW4	SW4	NW4	SW SW NW
✓	3512123164	OTHA JONES	1-19	GAS	AC	19	08N	16E	SW4	SW4	NW4	SW4	NW SW SW
✓	3512123183	HIGHTOWER	2-19	GAS	AC	19	08N	16E	NW4	SW4	SW4	NE4	SW SW NW
✓	3512123192	HIGHTOWER	3-19	GAS 0	AC	19	08N	16E	NE4	SW4	SW4	SW4	NE
✓	3512123196	GARRETT	4-19	GAS 0	AC	19	8N	16E	SE4	SW4	SW4	SW4	SE
✓	3512123217	GOLDA SMITH	1-35	GAS	AC	34	08N	15E	NE4	NE4	NE4	SE4	NE NE NE
✓	3512123218	ORVAL	1-35	GAS	AC	35	07N	14E	SW4	SW4	SW4	SE4	SW SW SW
✓	3512123227	GOLDA SMITH	2-35	GAS	AC	35	08N	15E	SW4	NW4	NW4	NW4	SW
✓	3512123229	MARY NELL	7-24	GAS	AC	24	05N	13E	SW4	SE4	NW4	SW4	NW SE SW
✓	3512123236	T-BONE CORPORATION	1-27	GAS	AC	27	08N	15E	SW4	SE4	NE4	SE4	NE SE SW
✓	3512123244	HARGROVE	2-27	GAS	AC	27	08N	15E	NW4	SE4	SE4	NE4	SE SE NW
✓	3512123257	CIANNA	1-31	GAS	AC	31	08N	16E	SE4	NE4	SW4	NW4	SW NE SE
✓	3512123273	LEAKE	2-31	GAS	AC	31	08N	16E	NE4	SW4	SW4	S2	SW SW NE
✓	3512123281	SMITH	1-31	GAS	AC	31	07N	15E	SW4	NE4	NE4	NW4	NE NE SW
✓	3512123283	HUNTER	1-30	GAS	AC	30	07N	15E	NW4	SE4	SE4	SE4	NW
✓	3512123288	LARRY LEAKE	1-32	GAS	AC	31	08N	16E	SE4	NE4	NE4	NE4	SE
✓	3512123300	JOE LEAK Bud Leake	2-32	GAS	AC	05	07N	16E	NW4	NW4	NW4	NW4	
✓	3512123314	PEARL LEAKE	3-32	GAS	AC	32	08N	16E	SW4	NE4	NE4	NE4	SW
✓	3512123337	LAVEDA LEAKE	4-32	GAS	AC	32	08N	16E	SW4	SE4	NE4	NW4	NE SE SW
✓	3512123358	GOLDA SMITH	4-35	GAS	AC	35	08N	15E	SW4	NE4	NE4	N2	NE NE SW
✓	3512123374	GOLDA SMITH	3-35	GAS	AC	35	08N	15E	SE4	SW4	SW4	NW4	SW SW SE
✓	3512123379	ELIZABETH	2H-24	GAS	AC	24	05N	13E	SW4	SE4	SW4	NW4	SW SE SW

1/8

✓	3512123381	T-BONE	4-27	GAS	AC	27	08N	15E	SW4	NW4	NW4	NE4	NW NW SW
✓	3512123387	T-BONE	3-27	GAS	AC	27	08N	15E	SW4	SW4	SW4	SW4	
✓	3512123394	HODGES	2-10	GAS	AC	10	07N	15E	SW4	NE4	NE4	SW4	
✓	3512123408	CIANNA	5-15	GAS	AC	15	07N	15E	NW4	S2	N2	N2	S2 NW
✓	3512123416	CIANNA	4-15	GAS	AC	15	07N	15E	SE4	NW4	NW4	NW4	SE
✓	3512123430	HODGES	3-10	GAS	AC	10	07N	15E	SW4	SW4	SW4	W2	SW SW SW
✓	3512123438	CIANNA	2-15	GAS	AC	15	07N	15E	SW4	SW4	SW4	SW4	
✓	3512123441	EVALYN LEAKE	2-29	GAS	AC	30	08N	16E	SE4	SE4	SE4	SE4	
✓	3512123449	CLIFTON	1-5	GAS	SPAC	05	08N	16E	SE4	SW4	SE4	S2	SE SW SE
✓	3512123457	PUBLIC SERVICE PSO	1-31	GAS	AC	31	09N	16E	SW4	SE4	SW4	SE4	SW
✓	3512123465	PRESSON	1-32	GAS	SPAC	32	09N	16E	SW4	SW4	NW4	SW4	SW
✓	3512123469	H W PRESSON	1-5	GAS	AC	05	08N	16E	NW4	SW4	SW4	NW4	
✓	3512123471	PUBLIC SERVICE PSO	2-12	GAS	AC	12	08N	15E	SW4	NW4	NW4	NW4	SW
✓	3512123473	PUBLIC SERVICE PSO	1-12	GAS	AC	12	08N	15E	SW4	SE4	SE4	NE4	SE SE SW
✓	3512123474	PUBLIC SERVICE PSO	3-12	GAS	AC	12	08N	15E	SW4	SW4	NW4	NW4	SW SW
✓	3512123495	WEEKS	3-4	GAS	AC	04	08N	16E	SW4	SW4	SE4	SW4	SW
✓	3512123496	BASS	2-4	GAS	SPAC	04	08N	16E	SE4	SW4	SW4	SE4	
✓	3512123498	HYDE	2-13	GAS	AC	13	08N	15E	SW4	SW4	SE4	NW4	SE SW SW
✓	3512123499	HYDE	3-13	GAS	AC	13	08N	15E	SW4	SE4	SE4	SE4	SW
✓	3512123500	PUBLIC SERVICE PSO	1-18 4-13	GAS	AC	13	08N	15E	NW4	SE4	NE4	SE4	NW
✓	3512123504	MOTLEY	4-16	GAS	AC	16	07N	15E	SE4	NW4	NW4	NW4	SE
✓	3512123510	J. STEIDLEY	1-16	GAS	AC	16	07N	15E	SW4	NW4	NW4	NW4	SW
✓	3512123523	MOTLEY	3-16	GAS	AC	16	07N	15E	SE4	SW4	SW4	SW4	SE
✓	3512123541	JAMES MCALESTER	2-23	GAS	0 AC	23	07N	15E	NW4	SW4	SW4	NE4	SW SW NW
✓	3512123543	HILDEGARDE	5-23	GAS	0 AC	23	07N	15E	SE4	NW4	NW4	NW4	SE
✓	3512123550	BASS	2-33	GAS	AC	33	09N	16E	SE4	NE4	NE4	SE4	
✓	3512123551	LEE	3-33	GAS	SPAC	33	09N	16E	NE4	SW4	SE4	SW4	NE
✓	3512123560	CASEY	1-17	GAS	AC	17	08N	15E	SW4	SE4	SE4	NW4	SE SE SW
✓	3512123561	FRY	1-17	GAS	AC	17	08N	15E	NW4	SW4	SW4	SE4	SW SW NW
✓	3512123562	PHILLIPS	1-17	GAS	AC	17	08N	15E	SW4	SW4	SW4	NW4	SW SW SW
✓	3512123581	KENNY LEAKE	1-29	GAS	AC	29	08N	16E	SW4	NW4	NW4	W2	NW NW SW
✓	3512123607	BEETS	1-17 1-17	GAS	AC	17	08N	15E	SE4	NW4	NE4	NE4	NW SE
✓	3512123609	PUBLIC SERVICE PSO	1-1	GAS	SPAC	01	08N	15E	NW4	SW4	SW4	SW4	NW

1/8

✓	3512123618	BELT PROPERTIES	3-8	GAS	AC	08	08N	16E	SW4	NE4	NE4	SE4	NE NE SW
✓	3512123622	BILLIE PIERCE	1-2	GAS	SP AC	02	08N	15E	NW4	SE4	NE4	SE4	NW
	3512123634	THOMAS	2-2	GAS	AC	02	08N	15E	SW4	SW4	NE4	SE4	Transf'd to Trinity 1/10
✓	3512123651	KAY	1-12	GAS	SP AC	12	08N	15E	SE4	NW4	NE4	NW4	SE
✓	3512123662	BRANDI	1-1	GAS	AC	01	08N	15E	SW4	SW4	SW4	N2	SW SW SW
✓	3512123678	BELT PROPERTIES	1-8	GAS	AC	08	08N	16E	SW4	SE4	SE4	SE4	SW
	3512123682	JOHNNIE	1-4	0 AC	EX	04	08N	16E	NE4	NE4	NE4	NE4	Expired Permit - NOT Drilled
✓	3512123702	JENNIFER	1-2H	GAS	AC	02	08N	15E	SW4	SE4	SW4	NE4	SW SE SW
✓	3512123705	DERYL	1-2H	GAS	AC	02	08N	15E	SW4	SW4	SW4	NW4	SW SW SW
✓	3512123725	LULA	1H-27	GAS	AC	27	07N	14E	E2	E2	CE2	E2	E2
✓	3512123729	GEUIN	2-8H	GAS	AC	08	08N	16E	SW4	SW4	NW4	SW4	SW
✓	3512123734	DESIREE	1H-36	GAS	AC	36	07N	14E	SW4	SW4	SW4	N2	SW SW SW
	3512123741	USA	3-31		EX	31	08N	16E	SE4	NW4	NW4	SE4	Expired Permit - NOT Drilled
✓	3512123751	LIZ	1-11H	GAS	AC	11	07N	15E	NW4	NW4	SW4	SW4	NW NW
✓	3512123766	AMANDA	1-31H	GAS	AC	06	08N	16E	NW4	NW4	NE4	NE4	NW NW
✓	3512123772	DONNA	1-1H	GAS	AC	01	08N	15E	SW4	NE4	SW4	NE4	SW
✓	3512160095	FEARS	5	GAS	AC	26	09N	16E	NE4	SE4	NE4		
✓	3512160143	FEARS	4	GAS	AC	26	09N	16E	SE4	NW4	NE4	NW	SE

18
1/3/15

Janie Hlinicky

From: Janie Hlinicky
Sent: Friday, November 18, 2016 10:57 AM
To: 'AMIXON@PETROQUEST.COM'; 'CHRISTIAN.SELLERS@GMAIL.COM'
Subject: Mass Well Transfer
Attachments: PetroQuest mass transfer_11182016.pdf

To Whom It May Concern,

We have approved the transfer of 141 wells on the attached list from PetroQuest Energy LLC (21466) to TAG Team Resources LLC (20470). The 5 wells that are lined through were not transferred and the reason is noted on the list. Images of the approved form will be available online as soon as possible.

Sincerely,
Janie Hlinicky
Oklahoma Corporation Commission
Well Records Section
Phone: 405.521.2271
Fax: 405.522.0854
j.hlinicky@occemail.com
[Oklahoma Corporation Commission](#)

There are new forms for transfers. 1073 for single well, 1073MW for 10+ wells, 1073I for single injection well, 1073IMW for 10+ injection wells. Fees for transfers went into effect August 25, 2016. The amounts of the fees are on the forms.

25.2. PIT INFORMATION:

A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)
 B. EXPECTED MUD CHLORIDE CONTENT: maximum: _____ ppm; average: _____ ppm.
 C. TYPE OF PIT SYSTEM: on-site; off-site closed; If off-site, specify location: _____
 D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N
 E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N Off-Site Pit No. _____
 F. WELLHEAD PROTECTION AREA? Y N

26.2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: _____
 B. PIT LOCATION: Alluvial Plain/Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.
 C. Special area or field rule? D. DEEP SCA? Y N Yield >50
 E. SOIL or GEOMEMBRANE LINER REQUIRED? Y N 20 mil GEOMEMBRANE LINER REQUIRED? Y N

29. Bottom Hole Location SEC TWP RGE COUNTY
 for Directional Hole:
 SPOT LOCATION: 1/4 1/4 1/4 1/4 FEET FROM QUARTER from SOUTH LINE from WEST LINE
 SECTION LINES: _____
 Measured Total Depth True Vertical Depth BHL from Lease, Unit, Or Property Line:

30. Bottom Hole Location for Horizontal Hole: (DRAINHOLES)

DRAIN HOLE #1: SEC 23 TWP 7N RGE 15E COUNTY Pittsburg
 SPOT LOCATION: C 1/4 NE 1/4 NE 1/4 FEET FROM QUARTER from SOUTH LINE from WEST LINE
 SECTION LINES: 330 FNL 330 FEL

Depth of Deviation 2571 Radius of Turn 414' Direction 42' Total Length 2769'
 Measured Total Depth 6990' True Vertical Depth 2985' End Point location from lease, unit or property line: 330'

DRAIN HOLE #2: SEC TWP RGE COUNTY
 SPOT LOCATION: 1/4 1/4 1/4 1/4 FEET FROM QUARTER from SOUTH LINE from WEST LINE
 SECTION LINES: _____

Depth of Deviation Radius of Turn Direction Total Length
 Measured Total Depth True Vertical Depth End Point location from lease, unit or property line:

31. AFFIDAVIT FOR ALTERNATIVE CASING PROGRAM

(Signature on front of this form attests to this affidavit)

1. This well WILL WILL NOT penetrate any known lost circulation zones.
2. During the drilling of this well, withdrawals from any water well within 1/4 mile WILL WILL NOT exceed 50 gallons per minute.
3. The projected depth of the well IS IS NOT less than 100 feet from the top of any enhanced recovery project or gas storage facility.
4. List the following for all water wells within 1/4 mile of this well. (Information concerning some water wells may be obtained from the OKLAHOMA WATER RESOURCES BOARD, 2800 N. Classen Blvd., Oklahoma City, OK 73118). IF NO WATER WELLS FOUND SO STATE: (ATTACH ADDITIONAL SHEET IF NECESSARY)

Name of Owner/Operator Address of Owner/Operator Location (Nearest 1/4 1/4 1/4) Deepest producing interval

5. A cement bond log is required to be run and submitted from not less than 100 feet below the base of the treatable water-bearing formation to the surface.
6. If casing depth is more than 250 feet deeper than base of the treatable water-bearing formation, operator must submit a letter of request listing reasons and precautions to be taken.

INTENT TO DRILL CHECKLIST

OCC USE ONLY

OCC USE ONLY

OCC USE ONLY

APPROVED
MP
R
R
R

1. SURETY BND
 A. NONE filed.
 B. EXPIRED: Date _____
 C. OUTSTANDING CONTEMPT ORDER.
2. INTENTS
3. SPACING
4. GEOLOGY

160689/640
X to 139562 HRSR, BOCH
others
512442/LE (1.0.) PetroQuest
SL. 11050 FNL or FSL, FEL or FWL
10/5/05
DOE thru BHL
NCT 330 FNL, FEL
23-7N-15E
X to 160689 HRSR, others
other
512441/1D. (4 wells) PetroQuest
23-7N-15E
10/5/05
X to 160689 HRSR

DO NOT WRITE INSIDE THIS BOX

10/28/05
O.A. 10/11/05

A. SURFACE CASING

1. Insufficient amount. Requires _____ feet.
2. Insufficient Alternate Casing Program.
3. No Affidavit Submitted for Alternative Casing Program.
4. Reentry requires _____ feet, only _____ current.

B. UNSPACED: Less than 2500 ft (165') More than 2500 ft (330')
 Only _____ ft from N/S and _____ from E/W line.

C. SPACED SPACING ORDER No. _____

1. Square pattern: 2.5, 10, 40, 160, 640
2. Rectangular pattern: 5, 20, 80, 320
 NW/SE OR NE/SW
3. Rectangular slot pattern: 5, 20, 80, 320
 Prior to 1971 (Y, N) SULD

D. LOCATION EXCEPTION:

1. Surface hole location different
2. Bottom hole location different

E. PENDING APPLICATION: Spacing/Location Exception

C.D. No.: _____
 H.O.M. DATE: _____

F. OPERATOR NAME DIFFERENT in order No. _____

Name on order: _____
 Location Exception/Increased Density/Pooling

G. Increased Density/Location Exception EXPIRED

Date Order Expired: _____

H. Outline Lease or Property Boundary

OTC/OCC Number: 21466-0

Approval Date: 10/11/2005

Expiration Date: 04/11/2006

Notice of Intention To: AMEND Reason Amended: WELL NAME CHANGE
Type of Drilling Operation: HORIZONTAL HOLE Well Type: OIL/GAS
County: PITTSBURG Spot Location: NW4 NW4 SE4
Feet From: SOUTH 1/4 Section Line 2614 Feet From: EAST 1/4 Section Line 2464
Lease Name: HILDEGARDE Well No: 5-23

Surface Owner Address

MARY MCALESTER
RT 2 BOX 266
MCALESTER OK 74501

Operation to Begin: 00/00/0000

Fresh Water Supply Well Drilled: NO Surface Water used to Drill: YES

Formation Codes, Names, Depths, (Permit Valid For Listed Formations Only):
(1) 404HRSR HARTSHORNE 2987

Spacing Order Numbers: 160689

Special Orders:

Pending CD Numbers: Location Exception Orders: Increased Density Orders: Total
512442 512441 5990 604

Ground Surface Depth to base of Treatable
Elevation Casing: Water-Bearing FM:
604 100 50

PIT 1 INFORMATION:

Type of Pit System: ON-SITE
Type of Mud System:
WATER BASED
Expected Chloride Content of Pit: 2500 PPM
Maximum 3500 PPM; Average 2500 PPM
Pit is located in a Hydrologically Sensitive Area.
Category of Pit: 1A
20 MIL GEOMEMBRANE LINER REQUIRED.
Pit Location is Alluvial Plain Deposit.
Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:
Evaporation/Dewater and Backfilling of Reserve Pit.
20 MIL LINER REQUIRED

OTC/OCC Number: 21466-0

Approval Date: 10/11/2005

Expiration Date: 04/11/2006

API Number: 121-23543-A

BOTTOM HOLE LOCATION(S) FOR HORIZONTAL HOLE

DRAIN HOLE #1

Sec 23 Twp 07N Rge 15E County PITTSBURG
Spot Location of End Point: CNE4 NE4 NE4
Feet From: NORTH 1/4 Section Line: 330
Feet From: EAST 1/4 Section Line: 350
Depth of Deviation: 2571
Radius of Turn: 414
Direction: 42
Total Length: 2769
Measured Total Depth: 5990
True Vertical Depth: 2985
End Point Location from Lease, Unit
or Property Line: 330

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is Six Months, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (E) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

25.2. PIT INFORMATION:

A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)
 B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.
 C. TYPE OF PIT SYSTEM: on-site; off-site closed; If off-site, specify location:
 D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N
 E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N
 F. WELLHEAD PROTECTION AREA? Y N

Off-Site Pit No.

26.2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C From:
 B. PIT LOCATION: Alluvial Plain/Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.
 C. Special area or field rule? D. DEEP SCA? Y N Yield >50
 E. SOIL or GEOMEMBRANE LINER REQUIRED? Y N 20 mil GEOMEMBRANE LINER REQUIRED? Y N

29. Bottom Hole Location SEC TWP RGE COUNTY

for Directional Hole:

SPOT LOCATION: FEET FROM QUARTER from SOUTH LINE from WEST LINEMeasured Total Depth True Vertical Depth SECTION LINES: BHL from Lease, Unit, Or Property Line:

30. Bottom Hole Location for Horizontal Hole: (DRAINHOLES)

DRAIN HOLE #1: SEC 23 TWP 7N RGE 15E COUNTY PittsburgSPOT LOCATION: Center NE 1/4 NE 1/4 NE 1/4 FEET FROM QUARTER from NORTH LINE from EAST LINESECTION LINES: 330' 330'Depth of Deviation 2571' Radius of Turn 414' Direction 42 Total Length 2769'Measured Total Depth 5990' True Vertical Depth 2985' End Point location from lease, unit or property line: 330'DRAIN HOLE #2: SEC TWP RGE COUNTY SPOT LOCATION: FEET FROM QUARTER from SOUTH LINE from WEST LINESECTION LINES: Depth of Deviation Radius of Turn Direction Total Length Measured Total Depth True Vertical Depth End Point location from lease, unit or property line:

31. AFFIDAVIT FOR ALTERNATIVE CASING PROGRAM (Signature on front of this form attests to this affidavit)

1. This well WILL WILL NOT penetrate any known lost circulation zones.2. During the drilling of this well, withdrawals from any water well within 1/4 mile WILL WILL NOT exceed 50 gallons per minute.3. The projected depth of the well IS IS NOT less than 100 feet from the top of any enhanced recovery project or gas storage facility.

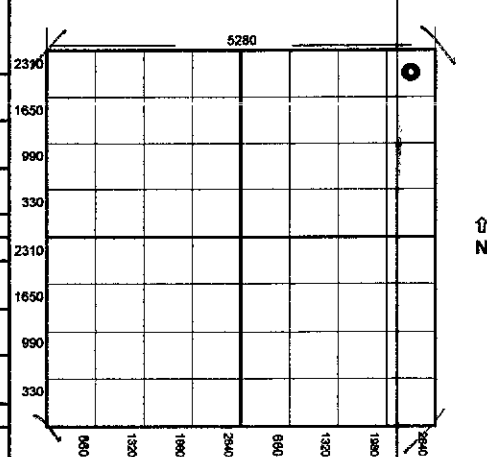
4. List the following for all water wells within 1/4 mile of this well. (Information concerning some water wells may be obtained from the OKLAHOMA WATER RESOURCES BOARD, 2800 N. Classen Blvd., Oklahoma City, OK 73118). IF NO WATER WELLS FOUND SO STATE: (ATTACH ADDITIONAL SHEET IF NECESSARY)

Name of Owner/Operator Address of Owner/Operator Location (Nearest 1/4 1/4 1/4) Deepest producing interval

5. A cement bond log is required to be run and submitted from not less than 100 feet below the base of the treatable water-bearing formation to the surface.

6. If casing depth is more than 250 feet deeper than base of the treatable water-bearing formation, operator must submit a letter of request listing reasons and precautions to be taken.

28. Locate Bottom Hole



1. If more than two drainholes are proposed, attach separate sheet indicating the necessary information.
2. Direction must be stated in degrees azimuth.
3. Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.

INTENT TO DRILL CHECKLIST

OCC USE ONLY

OCC USE ONLY

OCC USE ONLY

APPROVED
MP

REJECTED

1. SURETY

- A. NONE filed.
 B. EXPIRED: Date
 C. OUTSTANDING CONTEMPT ORDER.

2. INTENTS

3. SPACING

4. GEOLOGY

A. SURFACE CASING

1. Insufficient amount, Requires feet.
2. Insufficient Alternate Casing Program.
3. No Affidavit Submitted for Alternative Casing Program.
4. Reentry requires feet, only current.

B. UNSPACED: Less than 2500 ft (185')/More than 2500 ft (330')

Only ft from N/S and from E/W line.C. SPACED SPACING ORDER No. 512441/ID

1. Square pattern: 2.5, 10, 40, 160, 640
2. Rectangular pattern: 5, 20, 80, 320
NW/SE OR NE/SW
3. Rectangular slot pattern: 5, 20, 80, 320
Prior to 1971 (Y, N) SU/LD

D. LOCATION EXCEPTION:

1. Surface hole location different
2. Bottom hole location different

E. PENDING APPLICATION: Spacing/Location Exception

C.D. No.: H.O.M. DATE: F. OPERATOR NAME DIFFERENT in order No. Name on order:

Location Exception/Increased Density/Pooling

G. Increased Density/Location Exception EXPIRED

Date Order Expired:

H. Outline Lease or Property Boundary

160689/640 23-7N-15E
ext 139562 BOCH, HRSR
ext 07hrs

512442/LE(I.O.) 23-7N-15E PetroQuest
x 160689 BOCH, HRSR SL NCT 1650 to NL L.L.C.
NCT 1650 to SL

x 492 972 SUNN, CLVN NCT 1650 to NL
NCT 1650 to SL

015 + B14L NCT 330 to NL
NCT 330 to SL

512441/ID 23-7N-15E OP. AS
x 160689 HRSR 4 wells above

10-5-0910-5-05

DO NOT WRITE INSIDE THIS BOX

10-11-05

OKLA COMP COMM RECEIPT 061810020
 Date: 10/11/2005 Time: 06:27
 Case: 000000000 Cashier: TRK
 Payor: PETROQUEST ENERGY LLC
 Check: 6710 \$300.00
 45 Emerg Walk Thru ITD

PERMIT TO DRILL

OTC/OCC Number: 21466-0

OKLAHOMA CORPORATION COMMISSION

PERMIT TO DRILL

API Number: 121-23543

Approval Date: 10/11/2005
Expiration Date: 04/11/2006

Notice of Intention To: DRILL

Type of Drilling Operation: HORIZONTAL HOLE

Well Type: OIL/GAS

Well Location: Sec: 23 Twp: 07N Rge: 15E

County: PITTSBURG Spot Location: NW4 NW4 NW4 SE4

Feet From: SOUTH 1/4 Section Line 2614 Feet From: WEST 1/4 Section Line 2464

Feet from the nearest lease line: 2464

Lease Name: MARY MCALESTER

Well No: 5-23

Operator Name: PETROQUEST ENERGY LLC

TELEPHONE: (337) 232-7028

Surface Owner Address

MARY MCALESTER

RT 2 BOX 266

MCALESTER OK 74501

Operator Return Address

PETROQUEST ENERGY LLC

400 E KALISTE SALOOM RD #6000

LAFAYETTE LA 70508

Operation to Begin: 00/00/0000

Fresh Water Supply Well Drilled: NO

Surface Water used to Drill: YES

Formation Codes, Names, Depths, (Permit Valid For Listed Formations Only):

(1) 404HRSR HARTSHORNE

2987

Spacing Order Numbers: 160689

Special Orders:

Pending CD Numbers: Location Exception Orders: Increased Density Orders:

512442

512441

Total	Ground	Surface	Depth to base of Treatable
Depth:	Elevation	Casing:	Water-Bearing FM:
5990	604	100	50

PIT 1 INFORMATION:

Type of Pit System: ON-SITE

Type of Mud System:

WATER BASED

Expected Chloride Content of Pit:

Maximum 3500 PPM; Average 2500 PPM

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 1A

20 MIL GEOMEMBRANE LINER REQUIRED.

Pit Location is Alluvial Plain Deposit.

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

Evaporation/Dewater and Backfilling of Reserve Pit.

20 MIL LINER REQUIRED

OTC/OCC Number: 21466-0

API Number: 121-23543

Approval Date: 10/11/2005

Expiration Date: 04/11/2006

BOTTOM HOLE LOCATION(S) FOR HORIZONTAL HOLE

DRAIN HOLE #1

Sec 23 Twp 07N Rge 15E County PITTSBURG
Spot Location of End Point: CNE4 NE4 NE4
Feet From: NORTH 1/4 Section Line: 330
Feet From: EAST 1/4 Section Line: 330
Depth of Deviation: 5990
Radius of Turn: 414
Direction: 42
Total Length: 2769
Measured Total Depth: 5990
True Vertical Depth: 2985
End Point Location from Lease, Unit
or Property Line: 330

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is Six Months, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (E) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

NOTIFICATION OF WELL SPUD

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P. O. BOX 52000
OKLAHOMA CITY, OKLAHOMA 73152-2000
(RULE NO. 165: 10-3-2)

WDMS

OTC/OCC Operator Number: 21466-0

API Number: 121-23543-A

DATE: 10/11/2005

Date of Well Spud/Re-Entry: 12/10/2005

Name of
Operator: PETROQUEST ENERGY LLC
Address: 400 E KALISTE SALOOM RD #6000
LAFAYETTE LA 70508

Phone: (337) 232-7028

WELL LOCATION

Lease Name: ~~MARY MCALISTER~~ Hildegard

Well Number: 5-23

Location: 23-07N-15E
NW4 NW4 NW4 SE4
PITTSBURG

Surface Casing Cement by (If Job Completed)

Name: Ada Energy Services L.L.C.

Address: 17490 C.R. 3570

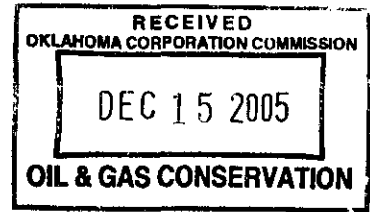
City: Ada State: OK

Zip Code: 74820

INSTRUCTIONS (PLEASE FOLLOW)

PLEASE TYPE OR USE BLACK INK

- 1) This report must be completed in duplicate and mailed within fourteen (14) days, after spudding, to the Corporation Commission at the above address.
- 2) State the exact date the well was spudded.



I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct and complete to the best of my knowledge and belief.

Name

Title

API No.
121-23543
 OTC/OCC Operator No.

CEMENTING REPORT
 To Accompany Completion Report

Form 1002C
 (Rev. 2001)

OKLAHOMA CORPORATION COMMISSION
 Oil & Gas Conservation Division
 Post Office Box 52000
 Oklahoma City, Oklahoma 73152-2000
 OAC 165:10-3-4(h)

All operators must include this form when submitting the Completion Report, (Form 1002A). The signature on this statement must be that of qualified employees of the cementing company and operator to demonstrate compliance with OAC 165:10-3-4(h). It may be advisable to take a copy of this form to location when cementing work is performed.

TYPE OR USE BLACK INK ONLY

*Field Name Crowder		OCC District	
*Operator Petroquest Energy		OCC/OTC Operator No 21466-0	
*Well Name/No. Hildegard # 5 - 23		County Pittsburg	
*Location 1/4	Sec 23	Twp 7N	Rge 15E

Cement Casing Data	Conductor Casing	Surface Casing	Alternative Casing	Intermediate Casing	Production String	Liner
Cementing Date		10/25/2005			12/15/2005	
*Size of Drill Bit (Inches)		12 1/4"			8 3/4"	
*Estimated % wash or hole enlargement used in calculations						
*Size of Casing (inches O.D.)		9 5/8"			7"	
*Top of Liner (if liner used) (ft.)						
*Setting Depth of Casing (ft.) from ground level		123'			3267'	
Type of Cement (API Class)						
In first (lead) or only slurry		Class H			Class H	
In second slurry						
In third slurry						
Sacks of Cement Used						
In first (lead) or only slurry		100			160	
In second slurry						
In third slurry						
Vol of slurry pumped (Cu ft)(14.X15.) in first (lead) or only slurry		117 Cu. Ft.			187.20 Cu. Ft.	
In second slurry						
In third slurry						
Calculated Annular Height of Cement behind Pipe (ft)		Surface			927'	
Cement left in pipe (ft)		50'				

*Amount of Surface Casing Required (from Form 1000) ft.

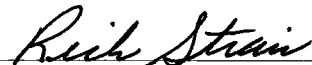
*Was cement circulated to Ground Surface? ☒ Yes ☐ No	*Was Cement Staging Tool (DV Tool) used? ☐ Yes ☒ No
*Was Cement Bond Log run? ☐ Yes ☐ No (If so, Attach Copy)	*If Yes, at what depth? ft

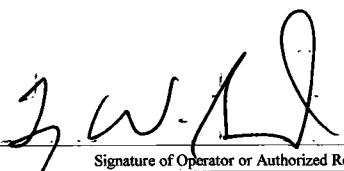
CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE OF FORM

* Designates items to be completed by Operator.
 Items not so designated shall be completed by the Cementing Company.

Remarks

*Remarks

CEMENTING COMPANY
I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that the cementing of casing in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct and complete to the best of my knowledge. This certification covers cementing data only.
 Signature of Cementer or Authorized Representative

OPERATOR
I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct and complete to the best of my knowledge. This certification covers all well data and information presented herein.
 Signature of Operator or Authorized Representative

Name & Title Printed or Typed Rick Strain	
Cementing Company Ada Energy Services L.L.C.	
Address 17490 C.R. 3570	
City Ada	
State Okla.	Zip 74820
Telephone (AC) Number 580-332-6770	
Date 12/16/2005	

*Name & Title Printed or Typed Terry Broussard	
*Operator PetroQuest Energy	
*Address 400 E. Kaliste Saloom, Suite 1000	
*City Lafayette	
*State LA	*Zip 70508
*Telephone (AC) Number 337-230-7028	
*Date 6/13/06	

INSTRUCTIONS

1. A) This form shall be filed by the operator, at the O.C.C. office in Oklahoma City, as an attachment to the Completion Report (Form 1002A) for a producing well or a dry hole.
 B) An original of this form shall be filed as an attachment to the Completion Report, (Form 1002A), for each cementing company used on a well.
 C) The cementing of different casing strings on a well by one cementing company may be consolidated on one form.
2. Cementing Company and Operator shall comply with the applicable portions of OAC 165:10-3-4(h).
3. Set surface casing 50 feet below depth of treatable water to be protected and cement from casing shoe to ground surface or as allowed by OAC 165:10-3-4(h).
4. **IF SETTING ANYTHING OTHER THAN THE FULL AMOUNT OF SURFACE CASING, BE SURE TO FOLLOW CORPORATION COMMISSION RULES.**

Rule 165:10-3-25
X ORIGINAL
— AMENDED
Reason Amended

COMPLETION REPORT
OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division
Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000

Form 1002A
Rev. 2005

PLEASE TYPE OR USE BLACK INK ONLY

NOTE: Attach copy of original 1002A if recompletion or reentry

TYPE OF DRILLING OPERATION

___ STRAIGHT HOLE ___ DIRECTIONAL HOLE X HORIZONTAL HOLE

If directional or horizontal, see reverse for bottom hole location.

COUNTY Pittsburg	SEC 23	TWP 7N	RGE 15E
LEASE NAME Hildegard		WELL NO. 5-23	
SHL NW1/4_NW1/4_NW1/4_SE1/4		2614' FSL 2464 FEL OF SE1/4	
ELEVATION Derrick Fl		SPUD DATE 10-25-2005	
Ground DRLG FINISHED 12-19-2005		WELL COMPLETION 12-24-05	
1ST PROD DATE 12-28-05		RECOMP DATE NA	

A 10x10 grid with a vertical line labeled 'W' on the left and a horizontal line labeled 'X' at the bottom. The grid is divided into four quadrants by these lines.

LOCATE WELL

OPERATOR NAME PetroQuest Energy, LLC		OTC/OCC OPERATOR NO. 21466-0	
ADDRESS 400 East Kaliste Saloom, Ste 6000			
CITY Lafayette		STATE LA	ZIP 70508

COMPLETION TYPE	
X	SINGLE ZONE
	MULTIPLE ZONE ORDER NO.
	COMMINGLED ORDER NO.
LOCATION EXCEPTION ORDER NO.	
	512442 517526
INCREASED DENSITY ORDER NO.	
	512441
PENALTY	

OIL OR GAS ZONES		TSSSS	
FORMATIONS		TOP	BOTTOM
Hartshorne Coal	TVD	2976	2981

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	FILLUP	TOP
Conductor								
Surface	9-5/8"	36#	J-55	123'		100		Surface
Intermediate	7"	23#	J-55	3267'		160		2340'
Production								
Liner	4-1/2"	10.5#	J-55					
PACKER @		BRAND & TYPE			TOTAL DEPTH			4648'

PACKER @	_____	BRAND & TYPE	_____	TOTAL DEPTH	4848'
PLUG @	_____	TYPE	_____		

COMPLETION TEST DATA BY PRODUCTION FORMATION		
FORMATION	Hartshorne	
SPACING & SPACING ORDER NUMBER	640 ac, 160689	
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp	Gas	
PERFORATED INTERVALS	Ran perforated liner: 3111' - 4648'	
ACID/VOLUME	--	
Fracture Treated?	NO	
Fluids Amounts		

INITIAL TEST DATA

INITIAL TEST DATE	12-28-2005		
OIL-BBL/DAY	0		
OIL-GRAVITY (API)	--		
GAS-MCF/DAY	120		
GAS-OIL RATIO CU FT/BSL	--		
WATER-BBL/DAY			
PUMPING OR FLOWING	Flowing		
INITIAL SHUT-IN PRESSURE			
CHOKE SIZE	Full open		
FLOW TUBING PRESSURE	20#		

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

SIGNATURE Z. W. [Signature]

Terry Broussard
NAME (PRINT OR TYPE)

400 East Kaliste Saloom, Ste 6000	Lafayette,	LA	70508
ADDRESS	CITY	STATE	ZIP

~~6-12-2006~~ 6/13/2006
DATE

337-272-7412
PHONE NUMBER

MUST BE FILED BY OPERATOR OR
WORKING INTEREST OWNER

☒ OPERATOR

☐ WORKING INTEREST OWNER

OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division

Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000

☒ NEW WELL

Form 1534

Rev. 2002

☐ EXISTING WELL

APPLICATION FOR TAX REBATE

CD No. 200

APPLICANT

Applicant Name PetroQuest Energy, LLC		Phone 337-232-7028
Address 400 E. Kaliste Saloom, Suite 6000		Fax No. 337-234-4699
City Lafayette	State LA	Zip 70508
Operator Name PetroQuest Energy, LLC		OCC/OTC No. 21466-0
Address 400 E. Kaliste Saloom, Suite 6000		Phone 337-232-7028
City Lafayette	State LA	Zip 70508
Lease Name/No. Hildegard 5-23	OTC Prod Unit No. 121-117651	API No. 121-23543-A
Location (1/4 1/4 1/4) NW4 NW4 SE4	Sec. 23	Twp. 07N
	Rge. 15E	County Pittsburg

ATTACH COPY OF ALL 1002As, FOR EVERY CATEGORY OF APPLICATION.
The Conservation Division may require additional geologic and/or engineering data during the review process in order to approve any application.

I. INACTIVE WELL AS PER 165:10-21-36

Shut in due to mechanical failure?	☐	Shut in for 1 year (after 7-1-97)	☐	Shut in for 2 years	☐
Work Done to Restore Production (attach daily report)					
Total Time Shut-In		From (MM/DD/YR):		Production Re-established (MM/DD/YR):	
Submit copies of documentation to verify that the well has not been produced for two years (one year after 7-1-97), i.e., 1003A, production history, OTC or commercial.					

II. DEEP WELL AS PER 165:10-21-45 (1500' BEFORE 7-1-97, 12500' AFTER 7-1-97 OR 17500' AFTER 7-1-02) MUST BE NEW WELL

Total Depth	Spud Date	1st Sales Date
Submit directional survey if directional or horizontal hole.		

III. PRODUCTION ENHANCEMENT PROJECT AS PER 165:10-21-22

Recompletion	Add Compression	Proj Start Date (MM/DD/YR)	Proj Comp Date (MM/DD/YR)	1st Sale Date (MM/DD/YR)	Orig. 1st Prod Date (MM/DD/YR)
Workover					
In Brief Indicate Type of Work (See Rules)					Base Prod Amt
Submit daily working report of entire project, copy of electric log (only heading and zone worked on), list of monthly production volumes for the 12 months prior to the start of the project at the back of this form, and decline curve showing incremental production following the well work.					

IV. HORIZONTALLY DRILLED WELL AS PER 165:10-21-66

Effective Date	07-01-95 through 07-01-2003	After 7-1-02	1st Prod Date (MM/DD/YR)	Base Prod Amt (Reentry Only)
	After 07-01-90 or before 07-01-94		12-25-05	
Project Beginning Date	10-24-2005	MM/DD/YR	Measured Depth at 70°	Measured Depth at Terminus
			3073 FT	4648 FT
Submit copy of form 1000 and directional survey.				

V. NEW DISCOVERY AS PER 165:10-21-55 See Rules for Complete Category Description

Formation	Depth (Top and Bottom)	1st Sale Date (MM/DD/YR)	Base Prod Amt (Reentry Only)
Oil Production (1 mile) same formation			
Gas Production (2 miles) same formation			
Oil Production (1 mile) deeper formation			
Gas Production (2 miles) deeper formation			
Provide a location plat locating and identifying the subject well and all wells within 1 mile for oil production or 2 miles for gas production. Draw the proper radius circle on each plat from the subject well, by symbol or color identify all producing formations.			

VI. 3D SEISMIC AREA Well must be drilled after 7-1-2000

Spud Date (MM/DD/YR)	First Sale Date (MM/DD/YR)	3D Shoot Prior to 7-1-00 (18 Mo)	3D Shoot After 7-1-00 (28 Mo)
Submit a map of 3D source/receiver base map, 3D bin map, a map of 3D volume cube seismic technology area by legal location and a copy of Oklahoma Corporation Commission Form 1000.			

Affidavit Statement:

I declare that I have knowledge of the contents of the application and the facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

Signature Danielle Bandon	Approved Approved	Date 3-19-07	Phone No. 337-272-7488
Name & Title (Typed or Printed) Danielle Bandon, Revenue Acctg. Mgr.			E-mail Address

OCC USE ONLY

Reviewed by DSJ	Approved ☒	Denied ☐
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API NO.
121-23543

OTC PROD. UNIT NO.
121-117651

Rule 165:10-3-25
X ORIGINAL
— AMENDED
Reason Amended

COMPLETION REPORT
OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division
Post Office Box 52000

Rev. 2005

Oklahoma City, Oklahoma 73152-2000

PLEASE TYPE OR USE BLACK INK ONLY

NOTE: Attach copy of original 1002A if recompletion or reentry

TYPE OF DRILLING OPERATION

— STRAIGHT HOLE — DIRECTIONAL HOLE X HORIZONTAL HOLE

If directional or horizontal, see reverse for bottom hole location.

COUNTY Pittsburg	SEC 23	TWP 7N	RGE 15E
LEASE NAME Hildegarde	WELL NO. 5-23		
SHL NW1/4 NW1/4 SE1/4	2614' FSL 2464' FEL OF SE1/4		
ELEVATION Derrick Fl	SPUD DATE 10-25-2005		
DRLG FINISHED 12-19-2005	WELL COMPLETION 12-24-05		
1ST PROD DATE 12-26-05	RECOMP DATE NA		

LOCATE WELL

OPERATOR NAME PetroQuest Energy, LLC	OTC/OCC OPERATOR NO. 21466-0
ADDRESS 400 East Kaliste Saloom, Ste 6000	
CITY Lafayette	STATE LA
ZIP 70508	

COMPLETION TYPE X SINGLE ZONE
MULTIPLE ZONE ORDER NO.
COMMINGLED ORDER NO.
LOCATION EXCEPTION ORDER NO. 512442
INCREASED DENSITY ORDER NO. 512441
PENALTY

OIL OR GAS ZONES		
FORMATIONS	TOP	BOTTOM
Hartshorne Coal	TVD 2978	2981

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	FILLUP	TOP
Conductor								
Surface	9-5/8"	36#	J-55	123'		100		Surface
Intermediate	7"	23#	J-55	3267'		160		2340'
Production								
Liner	4-1/2"	10.5#	J-55					
PACKER @ _____ BRAND & TYPE _____ TOTAL DEPTH 4648'								
PLUG @ _____ TYPE _____								

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	
SPACING & SPACING ORDER NUMBER	640 ac, 160689
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp	Gas
PERFORATED INTERVALS	Ran perforated liner: 3111' - 4648'
ACID/VOLUME	—
Fracture Treated?	NO
Fluids Amounts	

INITIAL TEST DATA

INITIAL TEST DATE	12-26-2005
OIL-BBL/DAY	0
OIL-GRAVITY (API)	—
GAS-MCF/DAY	120
GAS-OIL RATIO CU FT/BBL	—
WATER-BBL/DAY	
PUMPING OR FLOWING	Flowing
INITIAL SHUT-IN PRESSURE	
CHOKE SIZE	Full open
FLOW TUBING PRESSURE	20#

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

SIGNATURE 	Terry Broussard NAME (PRINT OR TYPE)
400 East Kaliste Saloom, Ste 6000 ADDRESS	Lafayette, LA 70508 CITY STATE ZIP
DATE 6/13/2006	337-272-7412 PHONE NUMBER

FORMATION RECORD

LEASE NAME

Hildegarde

WELL NO. _____

5-23

NAMES OF FORMATIONS		TOP	BOTTOM
Hartshorne Coal	TVD	2976	2981

		FOR COMMISSION USE ONLY
APPROVED	DISAPPROVED	
		1) ITD Section
		a) No Intent to Drill on file
		1) Send warning letter
		2) Recommend for contempt
		2) Reject Codes

Were open hole logs run?	<u>X</u> yes	<u> </u> no
Date Last log was run	12-13-2005	
Was CO ₂ encountered?	<u> </u> yes	<u>X</u> no at what depths?
Was H ₂ S encountered?	<u> </u> yes	<u>X</u> no at what depths?
Were unusual drilling circumstances encountered?	<u> </u> yes	<u>X</u> no
If yes, briefly explain.		

Other remarks:

640 Acres

x

If more than two drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth.

Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY			
Spot Location				Feet From Quarter Section Lines		
1/4	1/4	1/4	1/4	FSL	FWL	
Measured Total Depth		True Vertical Depth		BRL From Lease, Unit, or Property Line:		

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (DRAINHOLES)
DRAINHOLE #1

SEC 23	TWP 7N	RGE 15E	COUNTY Pittsburg
Spot Location SE 1/4 NW 1/4 SE 1/4 NE 1/4		Feet From Quarter Section Lines NE/4 666' FSL 1825 FWL	
Depth of Deviation 2450'		Radius of Turn 429'	Direction 89.7 deg
Measured Total Depth 4648'		True Vertical Depth 2994'	Total Length 1524'
End PI Location From Lease, Unit or Property Line: 1974' FNL & 815' FEL BHL Sec 23 2356' FNL & 2167' FEL Coal Entry			

DRAINHOLE #2

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Feet From Quarter Section Lines			
FSL		FWL	
Depth of Deviation		Radius of Turn	Direction
		Total Length	
Measured Total Depth		True Vertical Depth	End Pt Location From Lease, Unit or Property Line:



Company: **Petroquest L.L.C.**
Field: **Pittsburg County Oklahoma**
Site: **Section 23 - 7N - 15E**
Well: **Hildegard McAlester 5-23**
Wellpath: **Original hole**

Date: **12/21/2005**
Plane of Vertical Section: **42.41 Az.**

MD ft	Incl deg	Azim deg	CLen ft	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft
298	0.8	353.3	298	298	1.4	2.1	-0.2	0.27
602	1	358.6	304	602	4.7	6.8	-0.6	0.07
906	0.8	4.9	304	905.9	8.3	11.6	-0.4	0.07
1210	0.5	21.8	304	1209.9	11.2	14.9	0.2	0.12
1515	0.4	3.3	305	1514.9	13.3	17.2	0.8	0.06
1852	0.5	328.7	337	1851.9	14.6	19.7	0.1	0.08
2164	0.6	325.5	312	2163.9	15.3	22.2	-1.5	0.03
2475	0.8	294.5	311	2474.8	15	24.4	-4.4	0.14
2513	1	299.6	38	2512.8	14.9	24.7	-5	0.57
2544	1.6	353.9	31	2543.8	15.1	25.3	-5.2	4.2
2575	4.4	21.1	31	2574.8	16.5	26.8	-4.9	9.89
2607	8.1	27.4	32	2606.6	19.8	29.9	-3.4	11.74
2638	12.3	29	31	2637.1	25.1	34.8	-0.8	13.58
2670	17.1	30.1	32	2668	33.1	41.8	3.2	15.02
2701	21.5	31.6	31	2697.3	43.1	50.6	8.5	14.28
2732	25.7	34.3	31	2725.7	55.3	61	15.3	13.99
2761	29.3	36.8	29	2751.4	68.6	71.9	23.1	13.03
2792	33.6	39.1	31	2777.8	84.8	84.6	33	14.4
2824	38.1	40.8	32	2803.8	103.5	99	45.1	14.4
2855	42.5	42.8	31	2827.4	123.5	113.9	58.4	14.79
2887	46.5	45.4	32	2850.2	145.9	130	74.1	13.73
2917	50.2	47.7	30	2870.2	168.3	145.4	90.3	13.6
2947	54.1	49.5	30	2888.6	191.8	161.1	108.1	13.84
2978	58.1	50.4	31	2905.9	217.3	177.6	127.8	13.13
3009	61.9	51.5	31	2921.4	243.9	194.5	148.6	12.64
3041	66.1	52.1	32	2935.4	272.2	212.3	171.2	13.23
3073	69.9	52.1	32	2947.4	301.5	230.5	194.7	11.87
3103	73.2	52.3	30	2956.9	329.5	248	217.1	11.02
3135	76.9	52.1	32	2965.1	360	266.9	241.6	11.58
3166	81.2	52	31	2971	390	285.6	265.6	13.87
3197	84.7	51.2	31	2974.8	420.3	304.7	289.7	11.58
3227	87.4	51	30	2976.9	449.9	323.5	312.9	9.02
3237	89	51	10	2977.2	459.8	329.8	320.7	16
3269	89.8	49.2	32	2977.5	491.5	350.3	345.3	6.16
3299	89	52.8	30	2977.8	521.2	369.2	368.6	12.29
3329	91.3	55.3	30	2977.8	550.6	386.8	392.9	11.32
3359	91.2	55.6	30	2977.1	579.8	403.8	417.6	1.05
3390	90	56.7	31	2976.8	609.9	421.1	443.3	5.25
3420	89.5	58.5	30	2976.9	638.8	437.2	468.6	6.23
3450	90.6	59.9	30	2976.9	667.6	452.5	494.4	5.93
3480	90.5	60.7	30	2976.6	696.1	467.4	520.5	2.69
3511	90.7	61.7	31	2976.3	725.4	482.3	547.6	3.29

Company: **Petroquest L.L.C.**
Field: **Pittsburg County Oklahoma**
Site: **Section 23 - 7N - 15E**
Well: **Hildegard McAlester 5-23**
Wellpath: **Original hole**

Date: **12/21/2005**
Plane of Vertical Section: **42.41 Az.**

MD ft	Incl deg	Azim deg	CLen ft	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft
3541	90.1	62.2	30	2976.1	753.7	496.4	574.1	2.6
3571	88.1	62.1	30	2976.5	782	510.4	600.6	6.67
3602	88.2	63.2	31	2977.5	811	524.7	628.1	3.56
3631	89.9	66.4	29	2978	837.8	537	654.4	12.49
3660	92.3	67.7	29	2977.5	864.2	548.3	681.1	9.41
3690	91.1	68.2	30	2976.6	891.2	559.6	708.9	4.33
3721	93.5	70.5	31	2975.3	918.9	570.5	737.8	10.72
3752	93.3	70.3	31	2973.5	946.2	580.9	767	0.91
3781	91.3	69.2	29	2972.3	971.9	590.9	794.2	7.87
3811	87.1	68.7	30	2972.7	998.7	601.7	822.2	14.1
3842	86.6	70.1	31	2974.4	1026.3	612.6	851.1	4.79
3873	87.1	73.5	31	2976.2	1053.3	622.2	880.5	11.07
3904	89.1	75.3	31	2977.2	1079.6	630.6	910.4	8.68
3934	88.8	75.8	30	2977.7	1104.7	638.1	939.4	1.94
3964	88.8	76.3	30	2978.4	1129.7	645.3	968.5	1.67
3994	89.2	76.8	30	2978.9	1154.5	652.3	997.7	2.13
4025	89.9	78.6	31	2979.1	1179.8	658.9	1028	6.23
4055	91.8	79.6	30	2978.7	1203.8	664.5	1057	7.16
4086	91	80.8	31	2977.9	1228.3	669.8	1088	4.65
4116	88.4	82.6	30	2978.1	1251.5	674.1	1118	10.54
4147	87.8	85.2	31	2979.1	1274.8	677.4	1149	8.6
4175	88.3	87	28	2980.1	1295	679.3	1176	6.67
4205	89	87.4	30	2980.8	1316.3	680.8	1206	2.69
4235	88.3	87.3	30	2981.5	1337.5	682.2	1236	2.36
4264	88	88.3	29	2982.4	1357.9	683.3	1265	3.6
4295	87.4	88.7	31	2983.7	1379.3	684.1	1296	2.33
4325	88.3	89.3	30	2984.8	1399.9	684.6	1326	3.6
4355	87.3	88.4	30	2985.9	1420.6	685.2	1356	4.48
4385	88.4	88.1	30	2987.1	1441.5	686.2	1386	3.8
4415	87.9	88.6	30	2988	1462.3	687	1416	2.36
4446	87.7	88.7	31	2989.2	1483.8	687.7	1447	0.72
4479	89.1	89.3	33	2990.1	1506.4	688.3	1480	4.62
4511	89.8	88.8	32	2990.4	1528.4	688.9	1512	2.69
4542	88.8	87.4	31	2990.8	1550.1	689.9	1543	5.55
4574	86.4	87.5	32	2992.2	1572.7	691.3	1575	7.51
4606	89.1	89.7	32	2993.4	1594.8	692.1	1607	10.88
4648	89.5	89.7	42	2993.9	1623.3	692.3	1649	0.95

Well file

OKLAHOMA CORPORATION COMMISSION
PC/OCC Number: 21466-0 API Number: 121-23543-A Approval Date: 10/11/2005
Notice of Intention To: AMEND Reason Amended: WELL NAME CHANGE
Type of Drilling Operation: HORIZONTAL HOLE Well Type: OIL/GAS
County: Well Location: Spot Location:
MUSKOGEE Sec: 23 Twp: 07N Rge: 15E NW4 NW4 NW4 SE4
Set From: SOUTH 1/4 Section Line 2614 Feet From: EAST 1/4 Section Line 2464
Set from the nearest lease line: 2464
Lease Name: HILDEGARDE Well No: 5-23
Operator Name: PETROQUEST ENERGY LLC

Surface Owner Address

MARY MCALESTER
RT 2 BOX 266
MCALESTER OK 74501

Operator Return Address

PETROQUEST ENERGY LLC
400 E KALISTE SALOOM RD #6000
LAFAYETTE LA 70508

SEE ATTACHED PERMIT

Well Name Change

PCN: C1170220L7-MAIL 11/01/2005

cc: Danielle
Bayard
MG

4/18

OTC/OCC Number: 21466-0

API Number: 121-23543-A

Approval Date: 10/11/2005

Expiration Date: 04/11/2006

Notice of Intention To: AMEND

Reason Amended: WELL NAME CHANGE

Type of Drilling Operation: HORIZONTAL HOLE

Well Type: OIL/GAS

Well Location: Sec: 23 Twp: 07N Rge: 15E

County: PITTSBURG

Spot Location: NW4 NW4 NW4 SE4

Feet From: SOUTH 1/4 Section Line 2614 Feet From: EAST 1/4 Section Line 2464

Feet from the nearest lease line: 2464

Lease Name: HILDEGARDE

Well No: 5-23

Operator Name: PETROQUEST ENERGY LLC

TELEPHONE: (337) 232-7028

Surface Owner Address

MARY MCALESTER

RT 2 BOX 266

MCALESTER

OK 74501

Operator Return Address

PETROQUEST ENERGY LLC

400 E KALISTE SALOOM RD #6000

LAFAYETTE LA 70508

Operation to Begin: 00/00/0000

Fresh Water Supply Well Drilled: NO

Surface Water used to Drill: YES

Formation Codes, Names, Depths, (Permit Valid For Listed Formations Only):

(1) 404HRSR HARTSHORNE

2987

Spacing Order Numbers: 160689

Special Orders:

Pending CD Numbers: Location Exception Orders: 512442

Increased Density Orders: 512441

Total Depth:	Ground Elevation	Surface Casing:	Depth to base of Treatable Water-Bearing FM:
5990	604	100	50

PIT 1 INFORMATION:

Type of Pit System: ON-SITE

Type of Mud System:

WATER BASED

Expected Chloride Content of Pit:

Maximum 3500 PPM; Average 2500 PPM

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 1A

20 MIL GEOMEMBRANE LINER REQUIRED.

Pit Location is Alluvial Plain Deposit.

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

Evaporation/Dewater and Backfilling of Reserve Pit.

20 MIL LINER REQUIRED

If lost circulation is encountered,
you must notify District Office.
This intent is approved only
for the formations listed.

OTC/OCC Number: 21466-0

API Number: 121-23543-A

Approval Date: 10/11/2005
Expiration Date: 04/11/2006BOTTOM HOLE LOCATION(S) FOR HORIZONTAL HOLE

DRAIN HOLE #1

Sec 23 Twp 07N Rge 15E County PITTSBURG
Spot Location of End Point: CNE4 NE4 NE4
Feet From: NORTH 1/4 Section Line: 330
Feet From: EAST 1/4 Section Line: 350
Depth of Deviation: 2571
Radius of Turn: 414
Direction: 42
Total Length: 2769
Measured Total Depth: 5990
True Vertical Depth: 2985
End Point Location from Lease, Unit
or Property Line: 330

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is Six Months, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (E) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

If lost circulation is encountered,
you must notify District Office.
*This intent is approved only
for the formations listed.*

TEST: ☒ INITIAL
☐ ANNUAL
☐ RETEST

BACK PRESSURE TEST FOR NATURAL GAS WELLS
OAC 165:10-17-6

Form 1016
Rev 2000

512 441

Please type or print using black ink

DATE OF TEST

7/30/2008

DATE OF 1ST SALES

12/25/2005

Operator PetroQuest Energy, L.L.C.		Operator No. 21466-0	Phone No. 918-582-2778	
Address 1717 S. Boulder, Suite 201		OTC Lease No. 121-147051 117565-0		
City Tulsa	State Oklahoma	Zip 74119	API No. 121-23543	
Gas Meterer/Meas. PetroQuest Energy, L.L.C.		Meas. No. 21466-0	Well Name/No. Hildegard 5-23	
Location within Sec. nw nw ne sw 2614 fsl 2464 fel	Bottom hole location (if different from surface) ne ne ne 1973 fsl 815 fel		Sec 23	Twp 7N
Producing Zone Hartshorne 404 HRSR		County Pittsburg		Rge 15E
Field Crowder	Allocated Pool No.	Unallocated ☒	Spacing Unit Size 640	

COMPLETION: ☒ Single ☐ Multiple Zone ☐ Commingled ☐ Recompletion Date of Completion **12/24/2005**

Total Depth 4648	Plug Back Depth	Packer Set Depth	Elevation 604
Csg Size 4.5"	WT 11.6# d 4	Depth Set 4648	Perfs. top of slotted liner 3111
Tbg Size 2 3/8"	WT 4.7# d 1.995	Depth Set 3168	Perfs. bottom of slotted liner 4648
Prod. Thru tubing	Res. Temp. F @	Mean Grd. Temp. F	Atm. Press. PSIA
L	H	G _g	%CO ₂ %N ₂ H ₂ S(ppm) Prover Meter Run Taps

FLOW DATA				TUBING DATA		CASING DATA		BHP DATA		SIP/FLOW DURATION (HRS.)
NO.	(PROVER) (LINE) X ORIFICE SIZE	DIFF. (INCHES) (ROOTS)	TEMP. F	PRESS PSIG	TEMP. F	PRESS PSIG	TEMP. F	PRESS PSIG	TEMP. F	
	Shut-In Pressure									0
1										
2										
3										
4										

RATE OF FLOW CALCULATIONS

NO.	COEFFICIENT (24 HOUR)	$\sqrt{f_w P_m}$	PRESSURE P _m	FLOW TEMP. FACTOR F _t	GRAVITY FACTOR F _g	SUPER COMPRESS FACTOR F _{pv}	RATE OF FLOW (Q) MCFD
1	0						0
2							
3							
4							

NO.	P _r	TEMP. R	T _r	Z

Gas/Liquid Hydrocarbon Ratio	MCF/BBL
API Gravity of Liquid Hydrocarbons	Deg.
Specific Gravity Separator Gas	
Specific Gravity Flowing Fluid	
Critical Pressure	PSIA
Critical Temperature	R

P_c 1 P_c²

NO.	P _w	P _w ²	P _c ² - P _w ²

[1] $\frac{P_c^2}{P_c^2 - P_w^2} =$ (Not to exceed 5.263) [2] $\frac{P_c^2}{P_c^2 - P_w^2} =$

WHAOF=Q $\frac{P_c^2}{P_c^2 - P_w^2} =$

Calculated wellhead open flow	MCFD @ 14.65	Angle of Slope	Slope, n
RECEIVED			
Approved by Commission:	Conducted by:	Calculated by:	Checked by: AUG 01 2008

(over)
S.A
8/5/08

OKLA. CORP. COMM
PRODUCTION/PRORATION DEPT.

INCREASED DENSITY	512441		LOCATION EXCEPTION	517526	*
COMMINGLING			MULTIPLE ZONE		
SEPARATE OR SPECIAL ALLOWABLE					*
OTHER PENALTY ORDER(S)					*

This is a Hartshorne Coal Bed Methane Well and has not produced since 01/21/07.

Richard D. Jarkin Engineer
SIGNATURE TITLE

Pc	SHUT-IN PRESSURE, PSIA (LENGTH OF SHUT-IN MINIMUM OF 24 HOURS).
Pw	STATIC COLUMN WELLHEAD PRESSURE CORRESPONDING TO THE FLOWING WELLHEAD PRESSURE, PSIA (TO BE RECORDED AT END OF EACH FLOW RATE.) THE VALUE OF Pw SHOULD NOT EXCEED 90% OF Pc.
Gg	SPECIFIC GRAVITY OF SEPARATOR GAS (AIR = 1.000).
L	LENGTH OF THE FLOW STRING FROM THE MIDDLE OF THE PRODUCING FORMATION TO THE PRESSURE POINT AT WELLHEAD, FEET.
H	VERTICAL DEPTH CORRESPONDING TO L, FEET.
Q	24 HOUR RATE OF FLOW, MCF/D.
d	INSIDE DIAMETER, INCHES.
R	DEGREES, RANKINE (DEGREES FAHRENHEIT ABSOLUTE).
Pr	REDUCED PRESSURE, DIMENSIONLESS.
Tr	REDUCED TEMPERATURE, DIMENSIONLESS.
Z	COMPRESSIBILITY FACTOR, DIMENSIONLESS.



Company: **Petroquest L.L.C.**
Field: **Pittsburg County Oklahoma**
Site: **Section 23 - 7N - 15E**
Well: **Hildegard McAlester 5-23**
Wellpath: **Original hole**

Date: **12/21/2005**
Plane of Vertical Section: **42.41 Az.**

MD ft	Incl deg	Azim deg	CLen ft	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft
298	0.8	353.3	298	298	1.4	2.1	-0.2	0.27
602	1	358.6	304	602	4.7	6.8	-0.6	0.07
906	0.8	4.9	304	905.9	8.3	11.6	-0.4	0.07
1210	0.5	21.8	304	1209.9	11.2	14.9	0.2	0.12
1515	0.4	3.3	305	1514.9	13.3	17.2	0.8	0.06
1852	0.5	328.7	337	1851.9	14.6	19.7	0.1	0.08
2164	0.6	325.5	312	2163.9	15.3	22.2	-1.5	0.03
2475	0.8	294.5	311	2474.8	15	24.4	-4.4	0.14
2513	1	299.6	38	2512.8	14.9	24.7	-5	0.57
2544	1.6	353.9	31	2543.8	15.1	25.3	-5.2	4.2
2575	4.4	21.1	31	2574.8	16.5	26.8	-4.9	9.89
2607	8.1	27.4	32	2606.6	19.8	29.9	-3.4	11.74
2638	12.3	29	31	2637.1	25.1	34.8	-0.8	13.58
2670	17.1	30.1	32	2668	33.1	41.8	3.2	15.02
2701	21.5	31.6	31	2697.3	43.1	50.6	8.5	14.28
2732	25.7	34.3	31	2725.7	55.3	61	15.3	13.99
2761	29.3	36.8	29	2751.4	68.6	71.9	23.1	13.03
2792	33.6	39.1	31	2777.8	84.8	84.6	33	14.4
2824	38.1	40.8	32	2803.8	103.5	99	45.1	14.4
2855	42.5	42.8	31	2827.4	123.5	113.9	58.4	14.79
2887	46.5	45.4	32	2850.2	145.9	130	74.1	13.73
2917	50.2	47.7	30	2870.2	168.3	145.4	90.3	13.6
2947	54.1	49.5	30	2888.6	191.8	161.1	108.1	13.84
2978	58.1	50.4	31	2905.9	217.3	177.6	127.8	13.13
3009	61.9	51.5	31	2921.4	243.9	194.5	148.6	12.64
3041	66.1	52.1	32	2935.4	272.2	212.3	171.2	13.23
3073	69.9	52.1	32	2947.4	301.5	230.5	194.7	11.87
3103	73.2	52.3	30	2956.9	329.5	248	217.1	11.02
3135	76.9	52.1	32	2965.1	360	266.9	241.6	11.58
3166	81.2	52	31	2971	390	285.6	265.6	13.87
3197	84.7	51.2	31	2974.8	420.3	304.7	289.7	11.58
3227	87.4	51	30	2976.9	449.9	323.5	312.9	9.02
3237	89	51	10	2977.2	459.8	329.8	320.7	16
3269	89.8	49.2	32	2977.5	491.5	350.3	345.3	6.16
3299	89	52.8	30	2977.8	521.2	369.2	368.6	12.29
3329	91.3	55.3	30	2977.8	550.6	386.8	392.9	11.32
3359	91.2	55.6	30	2977.1	579.8	403.8	417.6	1.05
3390	90	56.7	31	2976.8	609.9	421.1	443.3	5.25
3420	89.5	58.5	30	2976.9	638.8	437.2	468.6	6.23
3450	90.6	59.9	30	2976.9	667.6	452.5	494.4	5.93
3480	90.5	60.7	30	2976.6	696.1	467.4	520.5	2.69

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Date: **12/21/2005**
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MD ft	Incl deg	Azim deg	CLen ft	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft
3511	90.7	61.7	31	2976.3	725.4	482.3	547.6	3.29
3541	90.1	62.2	30	2976.1	753.7	496.4	574.1	2.6
3571	88.1	62.1	30	2976.5	782	510.4	600.6	6.67
3602	88.2	63.2	31	2977.5	811	524.7	628.1	3.56
3631	89.9	66.4	29	2978	837.8	537	654.4	12.49
3660	92.3	67.7	29	2977.5	864.2	548.3	681.1	9.41
3690	91.1	68.2	30	2976.6	891.2	559.6	708.9	4.33
3721	93.5	70.5	31	2975.3	918.9	570.5	737.8	10.72
3752	93.3	70.3	31	2973.5	946.2	580.9	767	0.91
3781	91.3	69.2	29	2972.3	971.9	590.9	794.2	7.87
3811	87.1	68.7	30	2972.7	998.7	601.7	822.2	14.1
3842	86.6	70.1	31	2974.4	1026.3	612.6	851.1	4.79
3873	87.1	73.5	31	2976.2	1053.3	622.2	880.5	11.07
3904	89.1	75.3	31	2977.2	1079.6	630.6	910.4	8.68
3934	88.8	75.8	30	2977.7	1104.7	638.1	939.4	1.94
3964	88.8	76.3	30	2978.4	1129.7	645.3	968.5	1.67
3994	89.2	76.8	30	2978.9	1154.5	652.3	997.7	2.13
4025	89.9	78.6	31	2979.1	1179.8	658.9	1028	6.23
4055	91.8	79.6	30	2978.7	1203.8	664.5	1057.4	7.16
4086	91	80.8	31	2977.9	1228.3	669.8	1088	4.65
4116	88.4	82.6	30	2978.1	1251.5	674.1	1117.7	10.54
4147	87.8	85.2	31	2979.1	1274.8	677.4	1148.5	8.6
4175	88.3	87	28	2980.1	1295	679.3	1176.4	6.67
4205	89	87.4	30	2980.8	1316.3	680.8	1206.3	2.69
4235	88.3	87.3	30	2981.5	1337.5	682.2	1236.3	2.36
4264	88	88.3	29	2982.4	1357.9	683.3	1265.3	3.6
4295	87.4	88.7	31	2983.7	1379.3	684.1	1296.2	2.33
4325	88.3	89.3	30	2984.8	1399.9	684.6	1326.2	3.6
4355	87.3	88.4	30	2985.9	1420.6	685.2	1356.2	4.48
4385	88.4	88.1	30	2987.1	1441.5	686.2	1386.1	3.8
4415	87.9	88.6	30	2988	1462.3	687	1416.1	2.36
4446	87.7	88.7	31	2989.2	1483.8	687.7	1447.1	0.72
4479	89.1	89.3	33	2990.1	1506.4	688.3	1480.1	4.62
4511	89.8	88.8	32	2990.4	1528.4	688.9	1512.1	2.69
4542	88.8	87.4	31	2990.8	1550.1	689.9	1543	5.55
4574	86.4	87.5	32	2992.2	1572.7	691.3	1575	7.51
4606	89.1	89.7	32	2993.4	1594.8	692.1	1606.9	10.88
4648	89.5	89.7	42	2993.9	1623.3	692.3	1648.9	0.95

Rule 165:10-3-25
X ORIGINAL
AMENDED
Reason Amended

**COMPLETION REPORT
OKLAHOMA CORPORATION COMMISSION**

Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000

Form 1002A
Rev. 2005

PLEASE TYPE OR USE BLACK INK ONLY

NOTE: Attach copy of original 1002A if recompletion or reentry

TYPE OF DRILLING OPERATION

___ STRAIGHT HOLE ___ DIRECTIONAL HOLE X HORIZONTAL HOLE

If directional or horizontal, see reverse for bottom hole location.

COUNTY Pittsburg	SEC 23	TWP 7N	RGE 15E
LEASE NAME Hildegard		WELL NO. 5-23	
SHL NW1/4_NW1/4_SE1/4		2614' FSL 2464 FEL OF SE1/4	
ELEVATION Derrick Fl Ground		SPUD DATE 10-25-2005	
DRLG FINISHED 12-19-2005		WELL COMPLETION 12-24-05	
1ST PROD DATE 12-26-05		RECOMP DATE NA	

W

X

18

LOCATE WELL

OPERATOR NAME PetroQuest Energy, LLC		OTC/OCC OPERATOR NO. 21466-0	
ADDRESS 400 East Kaliste Saloom, Ste 6000			
CITY Lafayette		STATE LA	ZIP 70508

COMPLETION TYPE	
X	SINGLE ZONE
	MULTIPLE ZONE ORDER NO.
	COMMINGLED ORDER NO.
LOCATION EXCEPTION ORDER NO.	
512442	517526
INCREASED DENSITY ORDER NO.	
512441	
PENALTY	

OIL OR GAS ZONES		
FORMATIONS	TOP	BOTTOM
Hartshorne Coal	TVD	2976
		2981

CASING & CEMENT (Form 1002C must be attached)

[illegible]

PACKER @ _____ BRAND & TYPE _____
PLUG @ _____ TYPE _____

FORMATION		COMPLETION & TEST DATA BY PRODUCING FORMATION	
	Hartshorne		
SPACING & SPACING ORDER NUMBER	640 ac, 160689		
CLASS: Oil, Gas, Dry, [inj], Disp, Comm Disp	Gas		
PERFORATED INTERVALS	Ran perforated liner: 3111' - 4648'		
ACID/VOLUME	--		
Fracture Treated?	NO		
Fluids Amounts			

INITIAL TEST DATA

INITIAL TEST DATE	12-28-2005		
OIL-BBL/DAY	0		
OIL-GRAVITY (API)	--		
GAS-MCF/DAY	120		
GAS-OIL RATIO CU FT/BBL	--		
WATER-BBL/DAY			
PUMPING OR FLOWING	Flowing		
INITIAL SHUT-IN PRESSURE			
CHOKE SIZE	Full open		
FLOW TUBING PRESSURE	20#		

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

SIGNATURE 

Terry Broussard
NAME (PRINT OR TYPE)

400 East Kaliste Saloom, Ste 6000	Lafayette,	LA	70508
ADDRESS	CITY	STATE	ZIP

~~6/13/2006~~ 6/13/2006 337-272-7412
DATE PHONE NUMBER

FORMATION RECORD

LEASE NAME

Hildegarde

WELL NO. 5-23

NAMES OF FORMATIONS		TOP	BOTTOM
Hartshorne Coal	TVD	2976	2981

	FOR COMMISSION USE ONLY
APPROVED <u>DIV</u>	DISAPPROVED
	1) ITD Section
	a) No Intent to Drill on file
	1) Send warning letter _____
	2) Recommend for contempt _____
	2) Reject Codes _____ _____ _____ _____ _____

Were open hole logs run? ☒ yes ☐ no

Date Last log was run 12-13-2005

Was CO₂ encountered? ☐ yes ☒ no at what depths?

Was H₂S encountered? ☐ yes ☒ no at what depths?

Were unusual drilling circumstances encountered? ☐ yes ☒ no
If yes, briefly explain.

Other remarks:

640 Acres

A 10x10 grid with a point labeled 'x' at the intersection of the 7th column and 3rd row from the top-left.

If more than two drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth.

Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY		
Spot Location				Feet From Quarter Section Lines	
1/4	1/4	1/4	1/4	FSL	FWL
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:	

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (DRAINHOLES)
DRAINHOLE #1

SEC 23	TWP 7N	RGE 15E	COUNTY Pittsburg
Spot Location SE 1/4 NW 1/4 SE 1/4 NE 1/4			Feet From Quarter Section Lines NE/4 666' FSL 1825 FWL
Depth of Deviation 2450'		Radius of Turn 429'	Direction 89.7 deg
Measured Total Depth 4648'		True Vertical Depth 2994'	Total Length 1524'
End Pt Location From Lease, Unit or Property Line: 1974' FNL & 815' FEL BHL 2356' FNL & 2167' FEL Coal Entry			

DRAINHOLE #2

SEC	TWP	RGE	COUNTY			
Spot Location				Feet From Quarter Section Lines		
1/4	1/4	1/4	1/4	FSL	FWL	
Depth of Deviation		Radius of Turn		Direction	Total Length	
Measured Total Depth		True Vertical Depth		End Pt Location From Lease, Unit or Property Line:		