

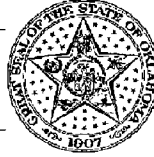
OKLAHOMA

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

Tuesday, July 7, 2015

Multiple Well Transfer Request: 1073 Form

From: QEP Energy Company, #4147

To: BRG Petroleum LLC, #21665

All wells on the submitted list were approved:

221 wells were transferred

Instructions

- A. Please type or print using black ink.
 B. Form must be signed by former operator and new operator.
 C. Outline boundaries of lease and spot well being transferred.
 D. Attach 1002A for well.
 E. Direct questions to Well Records (405) 521-2275.

OKLAHOMA CORPORATION COMMISSION

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

Transfer of Operator
 OAC 165:10-1-15

Form 1073
 Rev. 2009

221

API No	See Attached List	OTC Prod. Unit No.	See Attached List
Location	1/4 - 1/4 - 1/4 - 1/4	Sec. NA	Twp NA Rge. NA
Ft FSL of Qtr Sec	NA	Ft FWL of Qtr Sec	NA
County	See Attached List		
Current Well Name/Number	See Attached List for Mass Transfer (5 pages)		
Original Well Name/Number	See Attached List for Mass Transfer (5 pages)		
Unit Name (if applicable)	See Attached List for Mass Transfer (5 pages)		

2310'									
1650'									
990'									
330'									
2310'									
1650'									
990'									
330'									

Locate Well On Grid Above

Well Class: ☐ OIL ☐ GAS ☐ DRY

Producing formation(s)

Notified by email (attached) for The effective date of transfer of this well, for the purposes of Commission records, is the date that the transfer is approved by the Commission. Notified by email (attached) for

CURRENT OPERATOR

OCC No.
4147

Name QEP ENERGY COMPANY
 Address 6100 S YALE, STE 900
 City TULSA State OK Zip 74136
 Phone No. 918-237-4557 FAX No./E-mail brandon.sloan@qepres.com

I verify that I am the legal operator of record with authority to transfer operatorship of this well

Signature *Brandon Sloan*

Brandon Sloan - Regulatory Manager, S. Region

Name & Title (Typed or Printed)

Signed and sworn to before me this 24th day of April, 2015.

Debbie Arvey
 Notary Public
 My Commission Expires 2/6/2016

NEW OPERATOR

OCC No.
21665-0

Name BRG Petroleum, LLC.
 Address 7134 S Yale Ave Ste 600
 City Tulsa State OK Zip 74136-6353
 Phone No. 918-496-2626 FAX No./E-mail

I verify that I am the legal operator of record with authority to transfer operatorship of this well.

Signature *Scott S Gruns*

Scott S Gruns VP - Production
 Name & Title (Typed or Printed)

Signed and sworn to before me this 14 day of May, 2015.

Terrell T Gerard
 Notary Public
 My Commission Expires May 23, 2019

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 well/lease and cannot be located to obtain signature.

I have attached a copy of the certified recorded assignment of lease.

* APPROVED COPY AVAILABLE ON OCC WEBSITE. *

Signature

Signed and sworn to before me this _____ day of _____, _____.

Notary Public

My commission expires: _____

FOR OCC USE ONLY

Surety Dept. ☒ Approved ☐ Rejected Date JUL 07 2015 Well Records Dept. ☒ Approved ☐ Rejected Date JUL 07 2015

NOTE: By processing this Form 1073, 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. Form is not approved until approved by Well Records.

Auction 269 / Lot #35

QEP ENERGY COMPANY

(4147) QEP ENERGY COMPANY

API#	Oper#	Well Name	Well #	Type	Status	Legal Loc	Qtr	Qtr	Qtr	Qtr
061-20024	4147	JIM HALL UNIT	1	GAS	AC	03-08N-21E		NE4	NE4	SW4
061-20135	4147	CARLILE	1	GAS	AC	29-09N-22E	NW4	SW4	NE4	SW4
061-20230	4147	W W COUCH	1-6	TA	AC	06-08N-18E	SW4	SE4	NW4	SE4
061-20232	4147	ROSE & SONS-A	1	GAS	AC	28-09N-18E	SE4	NW4	NW4	SE4
061-20233	4147	JANEWAY "B"	1	GAS	AC	30-09N-18E			S2	NE4
061-20234	4147	VERDEN A	1	GAS	AC	31-09N-18E				SW4
061-20245	4147	WAGNON A	#1	GAS	AC	04-08N-18E				N2
061-20247	4147	TREASURE COVE-A	1	GAS	AC	29-09N-18E			CNW4	SE4
061-20248	4147	BROWN L	1	GAS	AC	33-09N-18E		NE4	NE4	SW4
061-20249	4147	EAKLE "B"	1	GAS	AC	34-09N-18E		SW4	SW4	NE4
061-20256	4147	GRAVES D	1	GAS	AC	09-08N-18E	NE4	NW4	SE4	NW4
061-20265	4147	EAKLE "C"	1	GAS	AC	27-09N-18E		SW4	SE4	NW4
061-20289	4147	SCOTT	1-7	GAS	AC	07-09N-23E		E2	W2	W2
061-20320	4147	TREASURE COVE "A"	2	GAS	AC	29-09N-18E	S2	N2	SW4	SW4
061-20321	4147	GLADYS MATHEWS	2	GAS	AC	08-07N-20E	SW4	SW4	NE4	SW4
061-20356	4147	BALLARD	1-6	GAS	AC	06-09N-23E				SW4
061-20542	4147	MCCLAIN "A"	1-15	GAS	AC	15-09N-18E			NW4	NW4
061-20567	4147	BASDEN	1	GAS	AC	23-09N-18E		N2	NW4	NW4
061-20572	4147	DENNY	1	GAS	AC	23-09N-18E			CNW4	NE4
061-20665	4147	FREDERICK "A"	1	GAS	AC	32-09N-22E			SW4	SW4
061-20727	4147	BEAM	1	GAS	AC	24-08N-19E			SE4	SE4
061-20754	4147	SLOAN UNIT	2	GAS	AC	06-07N-21E		S2	N2	SE4
061-20886	4147	SCRIVENER	1	GAS	AC	31-10N-23E			CNE4	NE4
061-21040	4147	SHELTON	1-A	GAS	AC	21-07N-19E	S2	S2	N2	SE4
061-21047	4147	PRICE SELF	2	GAS	AC	14-08N-22E	SW4	SW4	NE4	SW4
061-21058	4147	GEORGE	1-34	GAS	AC	34-09N-18E	N2	S2	SW4	SW4
061-21072	4147	WAGNON "A"	2	GAS	AC	04-08N-18E				CSW4
061-21073	4147	BROWN L.	2	GAS	AC	33-09N-18E		NE4	SE4	NW4
061-21075	4147	VERDEN "A"	2	GAS	AC	31-09N-18E			CNW4	SE4
061-21113	4147	GLADYS MATHEWS	3	GAS	AC	08-07N-20E	SE4	SE4	NW4	SE4
061-21123	4147	ROSE & SONS A	2	GAS	AC	28-09N-18E	E2	E2	E2	SW4
061-21124	4147	VERDEN "A"	3	GAS	AC	31-09N-18E	N2	N2	S2	NW4
061-21125	4147	GLADYS MATHEWS	4	GAS	AC	08-07N-20E		CN2	S2	SW4
061-21132	4147	EMMA	1-1	GAS	AC	01-07N-19E			CSW4	SW4
061-21169	4147	WAGNON A	3	GAS	AC	04-08N-18E			CNE4	SW4
061-21173	4147	TREASURE COVE A	3	GAS	AC	29-09N-18E	NE4	SW4	NE4	SW4
061-21178	4147	EAKLE "C"	2-27	GAS	AC	27-09N-18E	SW4	SW4	SE4	NW4
061-21190	4147	MATHEWS	5	GAS	AC	08-07N-20E	N2	S2	SE4	NE4
061-21254	4147	MATHEWS	6	GAS	AC	08-07N-20E	S2	S2	S2	NW4
061-21257	4147	BARRIOS	1-7	GAS	AC	07-07N-20E		CSE4	SE4	SE4
061-21301	4147	ALDRIDGE	3-7	GAS	AC	07-07N-20E	SE4	SW4	SE4	NE4
061-21302	4147	MATHEWS	8	GAS	AC	08-07N-20E	S2	S2	N2	SW4
061-21303	4147	MATHEWS	7	GAS	AC	08-07N-20E	SE4	SE4	NW4	SE4

QEP ENERGY COMPANY

API#	Oper#	Well Name	Well #	Type	Status	Legal Loc	Qtr	Qtr	Qtr	Qtr
061-21323	4147	BROWN L	3	GAS	AC	33-09N-18E	NW4	SW4	SW4	SE4
061-21324	4147	VERDEN "A"	4	GAS	AC	31-09N-18E		CSE4	NW4	NE4
061-21369	4147	MISS SUE	1-14	GAS	AC	14-08N-22E	E2	E2	SW4	SE4
061-21388	4147	WATSON	1-24	GAS	AC	24-08N-19E	NW4	SW4	SW4	SW4
061-21442	4147	SAWYER	3-24	GAS	AC	24-08N-19E		SE4	SE4	SW4
061-21444	4147	SAWYER	1-24	GAS	AC	24-08N-19E		SW4	NW4	NE4
061-21445	4147	SAWYER	2-24	GAS	AC	24-08N-19E	SE4	SE4	NE4	NW4
061-21538	4147	MONKS EAST	1-28	GAS	AC	28-09N-18E		SE4	SE4	SW4
061-21556	4147	MONKS WEST	1-33	GAS	AC	28-09N-18E	S2	SE4	SE4	SW4
061-21764	4147	PALMER	1-7	GAS	AC	07-07N-20E	NE4	SE4	SE4	SW4
061-21801	4147	BEAVER CREEK	2-17	GAS	AC	17-08N-19E		SW4	SW4	NE4
061-21851	4147	MONKS	3-33	GAS	AC	33-09N-18E	NW4	SW4	SW4	SE4
061-21861	4147	GEORGE	3-34	GAS	AC	34-09N-18E	NE4	SW4	SW4	SW4
061-21876	4147	ABBY	1-3	GAS	AC	04-08N-18E	SE4	NE4	SE4	NE4
061-21878	4147	CASON	3-18	GAS	AC	18-08N-19E	SW4	SW4	SW4	NW4
061-21883	4147	NOAH	1-9	GAS	AC	09-08N-18E	NW4	NW4	SW4	NW4
061-21885	4147	MCKINNON	2-7	GAS	AC	18-08N-19E	NW4	NW4	NW4	NW4
061-21887	4147	JONES D	2-19	GAS	AC	19-08N-19E	E2	SW4	SW4	SW4
061-21895	4147	CHASYN	1-5	GAS	AC	05-08N-18E	SE4	NE4	SE4	NW4
061-21909	4147	SPEARS	2-6	GAS	AC	06-08N-19E	SW4	NE4	SW4	SW4
061-21914	4147	MASON	1-7	GAS	AC	07-08N-19E	SW4	NW4	SW4	NW4
061-21917	4147	KING	4-8	GAS	AC	08-08N-18E	NW4	SE4	SE4	NW4
061-21920	4147	OGLE	2-17	GAS	AC	17-08N-19E	SE4	NW4	SW4	NW4
061-21924	4147	JONES D	3-19	GAS	AC	19-08N-19E	SW4	NW4	NW4	SW4
061-21929	4147	CASON	2	GAS	AC	18-08N-19E	SW4	SW4	NW4	SW4
061-21932	4147	ROSEMARY	1-19	GAS	AC	19-08N-19E	SE4	SE4	SE4	SW4
061-21943	4147	MIKEAL	1-32	GAS	AC	32-09N-18E	SW4	NW4	SW4	SW4
061-21946	4147	SPENCER	1-19	GAS	AC	19-08N-19E	SW4	NW4	NW4	NW4
061-21949	4147	KING	3-8	GAS	AC	08-08N-18E	SW4	NW4	SW4	NW4
061-21950	4147	TJ	1-7	GAS	AC	07-08N-19E	SE4	SE4	SE4	SW4
061-21957	4147	BAILEY	1-33	GAS	AC	32-09N-18E	NE4	SE4	SE4	SE4
061-21964	4147	MEGHAN	1-32	GAS	AC	32-09N-18E	SW4	NE4	SE4	SW4
061-21965	4147	SCHMIDT	1-5	GAS	AC	05-08N-18E	NW4	SW4	SW4	NW4
061-21969	4147	EMILY	1-32	GAS	AC	32-09N-18E	NW4	NW4	NW4	SE4
061-21971	4147	CASON	4-18	GAS	AC	18-08N-19E	NE4	SW4	SW4	NE4
061-21973	4147	JUDY	1-18	GAS	AC	18-08N-19E	NW4	SE4	SE4	SW4
061-21976	4147	JONES D	4-19	GAS	AC	19-08N-19E	SW4	SW4	SW4	NE4
061-21977	4147	SIMCO	1-33	GAS	AC	33-09N-18E	NE4	NE4	SE4	NW4
061-21978	4147	GLADYS WAGNON	1-4	GAS	AC	04-08N-18E	SE4	NE4	SE4	NW4
061-21979	4147	BEAVER CREEK	4-17	GAS	AC	17-08N-19E	NW4	SW4	SW4	SW4
061-21981	4147	BEAVER CREEK	5-17	GAS	AC	17-08N-19E	NW4	SW4	SW4	SE4
061-21984	4147	JAMI	1-5	GAS	AC	05-08N-18E	NE4	NE4	SE4	SW4
061-21985	4147	CHELSEA	1-4	GAS	AC	04-08N-18E	SW4	NW4	SW4	NW4
061-21989	4147	KENTON	1-3	GAS	AC	03-08N-18E	NE4	NE4	SE4	NW4
061-21990	4147	ADCOCK	1-5	GAS	AC	05-08N-18E	NW4	SW4	SW4	SW4
061-21992	4147	KING	5-8	GAS	AC	08-08N-18E	SE4	NE4	SE4	SW4

QEP ENERGY COMPANY

API#	Oper#	Well Name	Well #	Type	Status	Legal Loc	Qtr	Qtr	Qtr	Qtr
061-21993	4147	KING	2-8	GAS	AC	08-08N-18E	SW4	NW4	SW4	SW4
061-22000	4147	SHELTON	3-7	GAS	AC	07-08N-18E	NW4	NE4	SE4	NW4
061-22008	4147	AIKMAN	1-6	GAS	AC	06-08N-18E	SE4	SW4	NE4	NW4
061-22013	4147	MARILYN	1-30	GAS	AC	30-09N-18E	SE4	NE4	SE4	SW4
061-22021	4147	DENIUM	1-31	GAS	AC	31-09N-18E	NW4	NW4	SE4	SW4
✓ 061-22028	4147	PARKS	1-6	GAS	AC	06-08N-18E	SE4	NW4	SE4	SW4
061-22032	4147	GRANT	1-1	GAS	AC	01-08N-18E	SW4	SE4	NW4	NE4
061-22036	4147	KYLE	1-4	GAS	AC	04-08N-18E	SE4	NE4	SE4	SE4
061-22046	4147	MATTHEW	1-3	GAS	AC	04-08N-18E	SE4	NE4	SE4	SE4
061-22051	4147	SHELTON	2-7	GAS	AC	07-08N-18E	NW4	NW4	SW4	NW4
061-22052	4147	SHELTON	1-7	GAS	AC	07-08N-18E	SW4	NW4	SW4	SW4
061-22058	4147	TATOR	1-6	GAS	AC	06-08N-18E	SW4	NW4	SW4	NW4
061-22062	4147	ODESSA	1-9	GAS	AC	09-08N-18E	NE4	SE4	SE4	NW4
061-22063	4147	JANET	1-9	GAS	AC	09-08N-18E	SE4	NE4	SE4	SW4
061-22064	4147	DEATON	1-9	GAS	AC	09-08N-18E	SE4	NE4	SE4	SW4
✓ 061-22075	4147	NYCKI	1-6	GAS	AC	06-08N-18E	NW4	SW4	SW4	SW4
061-22077	4147	SHELTON	4-7	GAS	AC	07-08N-18E	NE4	NW4	NW4	SW4
061-22079	4147	ROSE	1-3	GAS	AC	03-08N-18E	SE4	NE4	SE4	SE4
061-22080	4147	ETHAN	1-4	GAS	AC	04-08N-18E	NW4	SW4	SW4	SW4
061-22096	4147	WINTON	1-31	GAS	AC	31-09N-18E	S2	NW4	SW4	NW4
061-22100	4147	DARYLIN	1-34	GAS	AC	34-09N-18E	SE4	SE4	SE4	SW4
061-22102	4147	LACI	1-34	GAS	AC	34-09N-18E	NW4	SE4	SE4	NW4
061-22110	4147	PETERS	1-34	GAS	AC	34-09N-18E	NW4	SW4	SW4	NW4
061-22117	4147	JOHN	1-32	GAS	AC	32-09N-18E	NW4	NW4	NW4	SW4
061-22124	4147	SPEARS	3-6	GAS	AC	01-08N-18E	NE4	SE4	SE4	NE4
✓ 061-22129	4147	KEITH	1-1	GAS	AC	01-08N-18E	NE4	SE4	SE4	NE4
061-22136	4147	MATHEWS	8S	GAS	AC	08-07N-20E		CSW4	SW4	SW4
061-22137	4147	LORI	1-31	GAS	AC	31-09N-18E	SW4	SW4	NE4	SW4
061-22139	4147	MATHEWS	8N	GAS	AC	08-07N-20E	NE4	NW4	SW4	NW4
061-22143	4147	DEATON	2-9	GAS	AC	09-08N-18E	NW4	NE4	NE4	SE4
061-22144	4147	SHELTON	4-21	GAS	AC	21-07N-19E	NW4	NW4	SE4	NW4
061-22146	4147	EAKLE	3-27	GAS	AC	27-09N-18E	NW4	NW4	SW4	SW4
061-22147	4147	ROSE AND SONS	5-28	GAS	AC	33-09N-18E	NW4	NW4	NW4	NW4
061-22154	4147	MATHEWS	8 SE	GAS	AC	08-07N-20E	NE4	SE4	SE4	SW4
061-22155	4147	MATHEWS	8W-R	GAS	AC	08-07N-20E	SE4	SE4	NW4	SW4
✓ 061-22166	4147	BRADT	1-1	GAS	AC	01-08N-18E	SW4	NE4	SE4	SE4
061-22170	4147	DANIEL	1-7H	GAS	AC	07-08N-19E	SE4	NW4	NE4	SW4
061-22173	4147	CATHY	1-1H	GAS	AC	01-08N-18E	NE4	SE4	NW4	SE4
061-22186	4147	EAKLE	4-27	GAS	AC	27-09N-18E	SW4	SW4	SW4	NW4
061-22188	4147	JAVELIN	1-6H	GAS	AC	07-08N-19E	NE4	NE4	NE4	NW4
061-22192	4147	FRANCES	1-6H	GAS	AC	06-08N-19E	SW4	NE4	NE4	SW4
061-22201	4147	JOHNSON	2-3H	GAS	AC	03-08N-18E	NE4	NE4	NE4	SE4
✓ 061-22203	4147	OGLE	3-17H	GAS	AC	17-08N-19E	SW4	SW4	NW4	SW4
061-22207	4147	EAKLE	5-27H	GAS	AC	27-09N-18E	SW4	SE4	SE4	SW4
061-22210	4147	KB	1-27H	GAS	AC	27-09N-18E	NW4	NW4	NW4	SE4
061-22307	4147	WILKINS	1-6	GAS	AC	06-09N-23E				

QEP ENERGY COMPANY

API#	Oper#	Well Name	Well #	Type	Status	Legal Loc	Qtr	Qtr	Qtr	Qtr
061-22314	4147	SOUTHARD	1-21	GAS	AC	21-07N-19E	NE	NW	SE	NE
061-22325	4147	MCCARTY	1-24	GAS	AC	24-08N-19E	NE	SW	SE	SE
061-22327	4147	MARTIN	1-6	GAS	AC	06-07N-21E	N2	SW	NE	NE
061-30029	4147	SLOAN UNIT	1	GAS	AC	06-07N-21E			CSE4	NW4
061-30071	4147	CASON UNIT	1	GAS	AC	18-08N-19E		SE4	SW4	NE4
061-30079	4147	GLADYS MATHEWS	1	GAS	AC	08-07N-20E		NW4	SW4	NE4
061-30082	4147	R E SHELTON	1	GAS	AC	21-07N-19E		SE4	NW4	SE4
061-30095	4147	MCKINNON UNIT	1	GAS	AC	07-08N-19E		SW4	NE4	SW4
061-60049	4147	JONES UNIT "D"	1	GAS	AC	19-08N-19E			CSW4	NE4
077-20017	4147	DIAMOND UNIT	1	GAS	AC	30-05N-19E		SE4	NW4	NW4
077-20105	4147	KENNEDY	1-32	GAS	AC	32-05N-18E		SE4	NW4	NE4
077-20111	4147	MCKEOWN	1	GAS	AC	20-05N-19E	S2	S2	S2	SW4
077-20117	4147	VFW	1	GAS	AC	21-05N-19E		N2	S2	SW4
077-20225	4147	BILLY HICKMAN	2-34	GAS	AC	34-06N-18E	NW4	NW4	SE4	SW4
077-20237	4147	WHITE "N"	2	GAS	AC	23-06N-17E	SE4	SE4	SW4	NE4
077-20638	4147	H & H CATTLE CO. "A"	1-31	GAS	AC	31-05N-20E		NE4	SE4	SE4
077-20658	4147	BARNES "A"	1-9	GAS	AC	09-04N-20E		SE4	NW4	SE4
077-20662	4147	NICHOLSON "A"	1	GAS	AC	27-05N-20E		NW4	NW4	NE4
077-20693	4147	ROBE (DOLLINS A)	1-25	GAS	AC	25-04N-18E	SE4	SE4	NE4	SE4
077-20965	4147	DAVIS	2	GAS	AC	02-05N-18E	E2	W2	E2	NE4
077-21025	4147	MCKEOWN	2	GAS	AC	20-05N-19E		NE4	SW4	SE4
077-21044	4147	EDGAR WOOD	2	GAS	AC	04-05N-18E	S2	N2	S2	NW4
077-21087	4147	BARNES	2-9	GAS	AC	09-04N-20E	NE4	NE4	SW4	NW4
077-21115	4147	COBLENTZ	5	GAS	AC	04-06N-19E	SW4	NW4	SE4	NW4
077-21134	4147	RAY HICKMAN	1-34	GAS	AC	34-06N-18E	E2	W2	E2	SE4
077-21143	4147	DOVIE WEAVER	5-5	GAS	AC	05-06N-19E				CSE4
077-21166	4147	REBA	1	GAS	AC	34-06N-18E	E2	E2	SW4	NE4
077-21210	4147	SATORI	1-27	GAS	AC	27-06N-18E		N2	N2	SE4
077-21240	4147	FAZEKAS	1-32	GAS	AC	32-06N-18E		CN2	SE4	SE4
077-21252	4147	H&H CATTLE COMPANY	2-31	GAS	AC	31-05N-20E	SE4	SE4	NW4	NW4
077-21317	4147	SATORI	2-27	GAS	AC	27-06N-18E		NW4	NW4	NE4
077-21378	4147	SAWYER	2	GAS	AC	05-05N-18E	W2	W2	W2	NE4
077-21447	4147	SPARKS	1-1	GAS	AC	01-04N-17E	SE4	NW4	SW4	SW4
077-21502	4147	SPARKS	2-1	GAS	AC	01-04N-17E	N2	N2	S2	SW4
077-21507	4147	PARKS	32SW	GAS	AC	32-07N-19E	NW4	SE4	SE4	SW4
077-21509	4147	SATORI	4-27	GAS	AC	27-06N-18E	NE4	SW4	NE4	SW4
077-21528	4147	FAZEKAS	1-33	GAS	AC	33-06N-18E			CSE4	SW4
077-60002	4147	DAVIS UNIT	1	GAS	AC	02-05N-18E				SW4
077-60003	4147	WOODS UNIT	1	GAS	AC	04-05N-18E				SE4
077-60004	4147	LELA SAWYER UNIT	1	GAS	AC	05-05N-18E		CNW4	SE4	NE4
079-00004	4147	CLYDE C CALDWELL	1	GAS	AC	21-08N-26E			CNW4	SE4
079-20013	4147	WATSON-A UNIT	1	GAS	AC	31-08N-24E			NW4	SE4
079-20243	4147	BUTLER	1	GAS	AC	04-07N-24E			NW4	NW4
079-20375	4147	CALHOUN	1	GAS	AC	02-07N-24E	N2	N2	S2	NE4
079-20921	4147	MARVIN WATSON	2	GAS	AC	33-08N-24E	E2	SE4	NE4	SW4
079-21002	4147	MARVIN WATSON"A"	2	GAS	AC	31-08N-24E	S2	N2	S2	SW4

QEP ENERGY COMPANY

API#	Oper#	Well Name	Well #	Type	Status	Legal Loc	Qtr	Qtr	Qtr	Qtr
079-21157	4147	BUTLER	2-4	GAS	AC	04-07N-24E	S2	N2	NW4	NE4
079-30003	4147	A W GIST	1	GAS	AC	32-10N-26E		SE4	NW4	SE4
079-30017	4147	MARVIN WATSON	1	GAS	AC	33-08N-24E		NW4	SE4	NW4
121-20280	4147	CLYDE MONROE	1	GAS	AC	22-05N-16E				SE4
121-20528	4147	BAKER	27-1	GAS	SPAC	27-09N-16E		SW4	SW4	SW4
121-20588	4147	JANEWAY A	1	GAS	AC	36-09N-17E				NE4
121-20593	4147	EAKLE "A"	1	GAS	AC	01-08N-17E				SE4
121-20683	4147	ORBISON	1	GAS	AC	14-08N-15E	NE4	NW4	SW4	NE4
121-20777	4147	WERNER-KRUGLICK	1-25	GAS	AC	25-09N-16E			NE4	NW4
121-21055	4147	CARMAN UNIT	3	GAS	AC	29-06N-14E	NE4	NW4	SW4	NE4
121-21217	4147	ORBISON "A"	1	GAS	AC	11-08N-15E		NW4	NE4	SW4
121-21469	4147	ORBISON-WEEKS	1-14	GAS	AC	14-08N-15E	W2	W2	E2	NW4
121-21528	4147	CLARK-BASS	1-25	GAS	AC	25-09N-16E			CW2	SW4
121-21571	4147	SILVA	36-1	GAS	AC	36-04N-16E			CNE4	SW4
121-21619	4147	WATTS	1-5	GAS	AC	05-03N-17E	NE4	NE4	NE4	SW4
121-21623	4147	MCBROOM	2-24	GAS	AC	24-07N-14E	W2	E2	NW4	NE4
121-21649	4147	PARR	1-19	GAS	AC	19-07N-15E		NE4	NW4	NW4
121-21656	4147	WALLACE	1-16	GAS	AC	21-04N-17E	NE4	NW4	NE4	NE4
121-21829	4147	JANEWAY "A"	2	GAS	AC	36-09N-17E			CS2	SE4
121-21880	4147	JANEWAY "A"	3	GAS	AC	36-09N-17E			CN2	SW4
121-21888	4147	EAKLE "A"	2X	GAS	AC	01-08N-17E	W2	W2	E2	NE4
121-21898	4147	CLYDE MONROE	2	GAS	AC	22-05N-16E	CW2	NW4	SW4	SE4
121-21986	4147	JANEWAY A	4	GAS	AC	36-09N-17E			CSW4	NE4
121-22119	4147	BOWLES	1-22	GAS	AC	22-05N-16E	E2	NE4	SW4	NE4
121-22413	4147	ORBISON	2-14	GAS	AC	14-08N-15E		CS2	N2	SW4
121-23165	4147	PEYTON	1-1	GAS	AC	01-08N-17E	N2	SW4	SE4	SW4
121-23256	4147	TYLER	1-1	GAS	AC	01-08N-17E	SW4	SW4	SW4	SW4
121-23308	4147	HAYTUBBIE	1-36	GAS	AC	36-09N-17E	SE4	NW4	SW4	NW4
121-23340	4147	ORBISON	3-14	GAS	AC	14-08N-15E	NW4	SE4	NW4	SW4
121-23341	4147	ORBISON	3-11	GAS	AC	11-08N-15E	E2	E2	SW4	SW4
121-23352	4147	ERIC	1-1	GAS	AC	01-08N-17E	W2	NW4	NE4	NW4
121-23361	4147	JERRAD	1-1	GAS	AC	01-08N-17E	NW4	SW4	SW4	NW4
121-23380	4147	DAVID	1-36	GAS	AC	36-09N-17E	NW4	SW4	NW4	SW4
121-23512	4147	MASTERS	1-9H	GAS	AC	09-07N-15E	S2	NE4	NE4	NE4
121-23514	4147	MASTERS	1-3H	GAS	AC	03-07N-15E	SW4	SW4	SW4	SW4
121-23539	4147	MASTERS	2-9H	GAS	AC	09-07N-15E	SE4	SW4	SW4	SW4
121-23565	4147	QUINTON	1-2H	GAS	AC	02-07N-18E	SE4	NE4	NW4	NW4
121-23590	4147	MONKS	3-14H	GAS	AC	14-08N-17E	NE4	NE4	NE4	NE4
121-23612	4147	SHELTON	1-14H	GAS	AC	14-08N-17E		CNW4	NW4	NW4
121-23713	4147	SHELTON	1-15H	GAS	AC	15-08N-17E	NE4	NW4	NW4	NE4

40

John Givens

From: John Givens
Sent: Wednesday, July 08, 2015 8:54 AM
To: brandon.sloan@qepres.com; sgruns@brgcorp.com
Subject: Notice of Multiple Well Transfer
Attachments: Transfer list.pdf

To Whom It May Concern:

The multiple transfer of 221 oil and gas wells from QEP Energy Company (#4147) to BRG Petroleum LLC (#21665) has been approved and executed, effective 7 June 2015. The submitted well list is attached.

Imaged copies of approved transfer forms will be made available from the Commission website (<http://imaging.occeweb.com>) as soon as possible—generally within one week following notice of transfer.

Please feel free to contact me if you have any questions or concerns.

Sincerely,

John T. Givens

Oklahoma Corporation Commission
Well Records Section
Phone: 405.521.2275
Fax: 405.522.0854
j.givens@occemail.com



Form 1001A

(Rev. 2001)

OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division

Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000

SPUD DATE
11/12/04NOTIFICATION OF WELL SPUD
(OAC 165:10-3-2)

OPERATOR

Name Questar Exploration and Production Co.		OTC/OCC Operator No. 4147	
Address 6120 S. Yale, Suite 1300		Phone (918) 488-8962	
City Tulsa	State OK	Zip 74136	

INSTRUCTIONS

PLEASE TYPE OR USE BLACK INK

District Office must be notified at least 48 hours prior to spudding.

Complete in duplicate and mail within 14 (fourteen) days after spudding to the Corporation Commission at above address.

State EXACT DATE well was spudded.

WELL

Name/No. Winton 134 /-3/		API No. 061-22096					
S/2	1/4	NW	1/4	SW	1/4	NW	1/4
Sec. 31	Twp. 9N	Rge. 18E	County Haskell				

CORRESPONDENCE SHOULD BE MAILED TO

Name Questar Exploration and Production Co.			
Address 6120 S. Yale, Suite 1300			
City Tulsa	State OK	Zip 74136	

District I

115 West 6th Street
Post Office Box 779
Bristow, OK 74010
(918) 367-3396

District II

101 South 6th Street
Post Office Box 1107
Kingfisher, OK 73750
(405) 375-5570

District III

1016 Maple
Post Office Box 1525
Duncan, OK 73533
(405) 255-0103

District IV

703 North Broadway
Ada, OK 74820
(405) 332-3441

SURFACE CASING CEMENTED BY (if job completed)

Name			
Address		Phone	
City	State	Zip	
Date Cemented			

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.

RECEIVED
OKLAHOMA CORPORATION
COMMISSION

NOV 15 2004

OIL & GAS CONSERVATION

LaCretia Toppah

Signature

LaCretia Toppah, Regulatory Affairs Tech Asst

Print or Type Name and Title

TEST: ☒ INITIAL
☐ ANNUAL
☐ RETEST

BACK PRESSURE TEST FOR NATURAL GAS WELLS

OAC 165:10-17-6

Form 1016

Rev 2000

Please type or print using black ink

DATE OF TEST

12/8/2004

DATE OF 1ST SALES

12/3/2004

Operator Questar Exploration and Production Company		Operator No. 4147		Phone No. 918/488-8962	
Address 6120 S. Yale, Suite 1300				OTC Lease No. 061-444610 103563	
City Tulsa	State OK	Zip 74137		API No. 061-22096	
Gas Meterer/Meas.		Meas. No.		Well Name/No. Winton 1-31	
Location within Sec. S2 NW4 SW4 NW4 1700' ENL & 2310' FEL		Bottom hole location (if different from surface) NE4 SE4 NE4 NW4 873' FNL & 296' FEL		Sec 31	Twp 9N
Producing Zone Hartshorne 404 HRSR				Rge 18E	
Field Russellville		Allocated Pool No.		Unallocated ☒	
				Spacing Unit Size 640 acres	

COMPLETION:

☒ Single ☐ Multiple Zone ☐ Commingled ☐ Recompletion

Date of Completion

12/3/2004

Total Depth 4353'		Plug Back Depth		Packer Set Depth		Elevation 782' GL	
Csg Size 7"		WT 23.3# d		Depth Set 2490'		Perfs. Open hole	
Tbg Size 2 3/8"		WT 4.7# d		Depth Set 2448'		Perfs.	
Prod. Thru Tbg		Res. Temp. F @		Mean Grd. Temp. F		Atm. Press. PSIA	
L	H	G _s	%CO ₂	%N ₂	H ₂ S(ppm)	Prover	Meter Run
FLOW DATA				TUBING DATA		CASING DATA	
(PROVER)				DIFF.		BHP DATA	
(LINE) X ORIFICE				(INCHES)		PRESS	
SIZE SIZE				(ROOTS)		TEMP. F	
PRESS PSIG				PRESS PSIG		PRESS PSIG	
TEMP. F				TEMP. F		TEMP. F	
NO.				NO.		NO.	
Shut-In Pressure				10		24 hrs	
1							
2							
3							
4							

RATE OF FLOW CALCULATIONS

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

PRODUCTION/PROGRATION DEPT

NO.	P _i	TEMP. R	T _i	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 P_c²

NO.	P _w	P _w ²	P _c ² - P _w ²

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

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

Calculated wellhead open flow			
Minimum Well			
Approved by Commission:	Conducted by:	Calculated by:	Checked by:

12/28/04

(over)

INCREASED DENSITY	489601	LOCATION EXCEPTION	496709
COMMINGLING		MULTIPLE ZONE	
SEPARATE OR SPECIAL ALLOWABLE			
OTHER PENALTY ORDER(S)			

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La Cretia Dopper
SIGNATURE

(918) 488-8962
PHONE NO.

- | | |
|-------|---|
| P_c | SHUT-IN PRESSURE, PSIA (LENGTH OF SHUT-IN MINIMUM OF 24 HOURS). |
| P_w | STATIC COLUMN WELLHEAD PRESSURE CORRESPONDING TO THE FLOWING WELLHEAD PRESSURE, PSIA (TO BE RECORDED AT END OF EACH FLOW RATE.) THE VALUE OF P_w SHOULD NOT EXCEED 90% OF P_c . |
| G_g | 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). |
| P_r | REDUCED PRESSURE, DIMENSIONLESS. |
| T_r | REDUCED TEMPERATURE, DIMENSIONLESS. |
| Z | COMPRESSIBILITY FACTOR, DIMENSIONLESS. |

APPLICATION TO DRILL, RECOMPLETE OR REENTER

FORM 1000
REV 1996

FILE ORIGINAL ONLY

PLEASE TYPE OR USE BLACK INK

1. OTC/OCC OPERATOR NUMBER	04147
2. API NUMBER	06122096

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
JIM THORPE BUILDING
P.O. BOX 52000-2000
OKLAHOMA CITY, OK 73152-2000
(RULE 165:10-3-1)

BATCH NUMBER (OCC USE ONLY)

11024213

3. NOTICE OF INTENT TO: (CHECK ONLY ONE)
☒ DRILL ☐ RECOMPLETE ☐ REENTER ☐ DEEPEN ☐ AMEND - REASON

NOTE: ATTACH COPY OF 1002-A IF RECOMPLETION OR REENTRY.

4. TYPE OF DRILLING OPERATION >>>>>>>> (NOTE: If directional or horizontal, see reverse side for bottom hole location)

☒ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☐ HORIZONTAL HOLE ☒
☒ OIL/GAS ☐ INJECTION ☐ DISPOSAL ☐ WATER SUPPLY

5. WELL LOCATION

SECTION	TOWNSHIP	RANGE	COUNTY
31	9N	18E	Haskell
SPOT LOCATION			FEET FROM QUARTER
S/2 1/4 NW 1/4 SW 1/4 NW 1/4			SECTION LINES: 1700' 2310'

2. Well will be 330' FWL feet from nearest unit or property boundary.

8. LEASE NAME: Winton WELL NUMBER: 1-31

9. NAME OF OPERATOR:

Questar Exploration & Prod. Co.

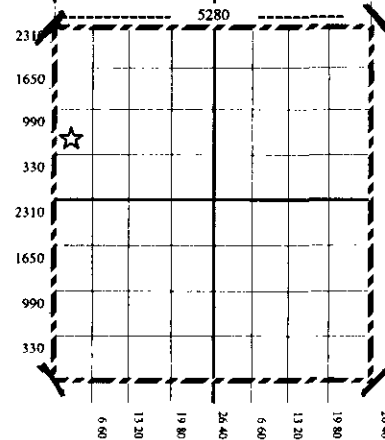
ADDRESS CITY STATE ZIP CODE

6120 S. Yale Ste. 1300 (918)488-8962
Tulsa OK 74136

10. SURFACE OWNER (one only, attach sheet for additional owners)

Mary N. Winton

ADDRESS CITY STATE ZIP CODE
1900 S. Prince Clovis NM 88101

6. LOCATE WELL AND OUTLINE
LEASE OR SPACING UNIT IN INK.

14. LIST TARGET FORMATIONS AND DEPTHS OF EACH BELOW (LIMITED TO TEN)

1) Hartshorne 2180' TVD 6) 404 HRSR
2) 7)
3) 8)
4) 9)
5) 10)

15. SPACING ORDER NUMBER(S) AND SIZE UNIT(S):

640 Acres - Spacing Order # 142632

16. PENDING APPLICATION C.D. NO.

17. LOCATION EXCEPTION ORDER NO. 496709

18. INCREASED DENSITY ORDER NO. 489601

19. TOTAL DEPTH 5500' 20. GROUND ELEV. 781' 21. DEPTH TO BASE OF TREAT 510' 22. SURFACE CASING 560' 23. ALT CASING PROX. No

24. ALTERNATIVE CASING PROCEDURE, check box and fill in blank (AFFIDAVIT REQUIRED, see reverse side, line 31.)

A. Cement will be circulated from total depth to ground surface on the production casing string.

B. Cement will be circulated from depth to depth by use of a two stage cementing tool.

25.1 PIT INFORMATION: Using more than one pit or mud system? ☒ Yes ☐ No If yes, fill out line 25.2 on top reverse sideA. Type of mud system WATER BASED ☐ OIL BASED ☒ GAS BASED (AIR DRILL)

B. Expected mud chloride content maximum NA ppm; average NA ppm

C. Type of Pit System: ☒ on-site, ☐ off-site, ☐ closed. If off-site, specify locationD. Is depth to top of ground water greater than 10 ft below base of pit? ☒ Yes ☐ NoE. Within 1 mile of municipal water well? ☒ Yes ☐ No OFFSITE PIT #:F. Wellhead Protection Area ☐ Yes ☒ No 1.1000 Completion

26.1. OCC USE ONLY	A. Category 1A 1B 2 3	B. Pit Location Alluvial Plain/Terrace Deposit Bedrock Aquifer Other HSA Non-HSA Fm Boggy	C. Special area or field rule?	D. DEEP SCA? ☐ Yes ☒ No Yield > 50	E. CBL required? ☐ Yes ☒ No
F. SOIL or GEOMEMBRANE LINER REQUIRED? ☒ Yes ☐ No		GEOMEMBRANE LINER REQUIRED? ☐ Yes ☒ No 20 mil 30 mil			

27. PROPOSED METHOD FOR DISPOSAL OF DRILLING FLUIDS (MUST BE COMPLETED)

- ☒ A. Evaporation/dewater and backfilling of reserve pit.
☐ B. Solidification of pit contents
☐ C. Annular Injection (REQUIRES PERMIT and surface casing set 200 feet below base of treatable water-bearing formation)
☐ D. One time land application (REQUIRES PERMIT) PERMIT #
☐ E. Haul to Commercial pit facility, Specify site
☐ F. Haul to Commercial soil farming facility, Specify site
☐ G. Haul to recycling/re-use facility, Specify site
☐ H. Other, Specify

I hereby certify I am authorized to submit this two page application prepared by me or under my supervision.
The facts and proposals made herein are true, correct and complete to the best of my knowledge and belief.

SIGNATURE	NAME (Print or Type)	PHONE (AC/NUMBER)	DATE
LaCretia Toppah	LaCretia Toppah	(918) 488-8962 (918) 488-1832 - Fax	10/29/2004

NOTE: Approval is void if operations have not commenced within six months of the date of approval. An approved permit must be posted at the location during drilling and completion operations.

File the Form 1001A, Spud Report, within fourteen days of commencement of operations.

CALL AND NOTIFY DISTRICT OFFICE AND SURFACE OWNER 24 HOURS PRIOR TO SPUD, REENTRY OR RECOMPLETION.

PIT # 2

- A. Type of mud system ☒ WATER BASED ☐ OIL BASED ☐ GAS BASED(AIR DRILL)
 B. Expected mud chloride content. maximum 3000 ppm; average 1000 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

OFFSITE PIT #

28.2. OCC USE ONLY

A. Pit Location: ☒ Alluvial Plain/Terrace Deposit ☐ Bedrock Aquifer ☐ Other HSA ☒ Non-HSA
 C. Special area or field rule? ☐ Deep SCA? ☐ Y ☐ N Yield > 50 ☐ 20 mil ☐ 30 mil
 E. SOIL or GEOMEMBRANE LINER REQUIRED? ☒ Y ☐ N; GEOMEMBRANE LINER REQUIRED? ☐ Y ☒ N

29 Bottom Hole Location for Directional Hole: SEC TWP RGE COUNTY

SPOT LOCATION: 1/4 1/4 1/4 1/4 SECTION LINES from SOUTH LINE from WEST LINE

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 31 TWP 9N RGE 18E COUNTY Haskell

SPOT LOCATION: W/2 1/4 NE 1/4 NW 1/4 NE 1/4 SECTION LINES from North LINE from EAST LINE

Depth of Deviation 1800' Radius of turn 380' Direction 26 8 Total Length 3103'

Measured Total Depth 5500' True Vertical Depth 2180' 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 SECTION LINES from SOUTH LINE from WEST LINE

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) penetrate any known lost circulation zones
 2 During the drilling of this well, withdrawals from any water well within 1/4 mile (WILL) exceed 50 gallons per minute.
 3 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, P.O. Box 150, Oklahoma City, OK 73101--0150). If no water wells are 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

4. 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.
 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.

#22 Per
 LaCretia
 11-2-04
 SPV

INTENT TO DRILL CHECKLIST

APPROVED

REJECTED

OCC USE ONLY

- 1 SURETY Brd
 A. NONE filed J
 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 (165') More than 2500 ft. (330')

Only _____ ft from N/S and _____ ft 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) 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

Order Expired. Date:

H. Outline Lease or Property Boundary

OCC USE ONLY

OCC USE ONLY

142632/640

X to 92138 HRJR, other
 others

496703/LR(100)

Quarter E&P

SL. NCT 1500 FNL, 200 FNL

10/26/04

POLE NCT 330 FNL, FNL

BHL NCT 330 FNL, FEL

31-9N-18E

X to 142632 HRJR

489601/1P (4wells)

Oper 23 26 04

31-9N-18E

X to 142632 HRJR

5/4/04

11/3/04

\$100.00

Check 4040281

48 Intent to Drill

Payer: QUESTAR EXPLORATION & PROD

Case: 000000000

Cashed: JPN

Date: 11/03/04

OKLA CORP COMM RECEIPT 052050044

PERMIT TO DRILL

OKLAHOMA CORPORATION COMMISSION

PERMIT TO DRILL

OTC/OCC Number: 04147-0

API Number: 061-22096

Approval Date: 11/03/2004

Expiration Date: 05/03/2005

Notice of Intention To: DRILL

Type of Drilling Operation: HORIZONTAL HOLE

County: HASKELL

Spot Location: S2 NW4 SW4 NW4

Feet From: NORTH 1/4 Section Line 1700 Feet From: EAST 1/4 Section Line 2310

Lease Name: WINTON

Well Type: OIL/GAS

Well Location: Sec: 31 Twp: 09N Rge: 18E

Feet from the nearest lease line: 330

Operator Name: QUESTAR EXPLORATION & PROD CO.

TELEPHONE: (405) 840-2761

Operator Return Address

QUESTAR EXPLORATION & PROD CO.

6120 S YALE STE 1300

TULSA OK 74136

Surface Owner Address

MARY N WINTON

1900 S PRINCE

CLOVIS NM 88101

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

2180

Spacing Order Numbers: 142632

Special Orders:

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

496709

489601

Total	Ground	Surface	Depth to base of Treatable
Depth:	Elevation	Casing:	Water-Bearing FM:
5500	781	560	510

PIT 1 INFORMATION:

Type of Pit System: ON-SITE

Type of Mud System:

AIR BASED (AIR DRILLED)

Pit is not located in a Hydrologically Sensitive Area.Determination of Hydrologically Sensitive Area
not required.

Category of Pit: 4

Liner not required for Category: 4 PIT

Pit Location is NON-HSA.

Pit Location Formation: BOGGY

PIT 2 INFORMATION:

Type of Pit System: ON-SITE

Type of Mud System:

WATER BASED

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2 PIT

Pit Location is NON-HSA.

Pit Location Formation: BOGGY

Approved Method for disposal of Drilling Fluids:

Evaporation/Dewater and Backfilling of Reserve Pit.

BOTTOM HOLE LOCATION(S) FOR HORIZONTAL HOLE

DRAIN HOLE #1

Sec 31 Twp 09N Rge 18E County HASKELL
Spot Location of End Point: W2 NE4 NW4 NE4
Feet From: NORTH 1/4 Section Line: 330
Feet From: EAST 1/4 Section Line: 1850
Depth of Deviation: 1800
Radius of Turn: 380
Direction: 26
Total Length: 3103
Measured Total Depth: 5500
True Vertical Depth: 2180
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.

API NO.
061-22096

OTC PROD. UNIT NO.
061-114610

Rule 165.10-3-25
☒ ORIGINAL
☐ AMENDED
 Reason Amended _____

COMPLETION REPORT
OKLAHOMA CORPORATION COMMISSION
 Oil & Gas Conservation Division
 Post Office Box 52000-2000
 Oklahoma City, Oklahoma 73152-2000

412152012

Form 1002A
Rev. 1996

404HRSR

COMPLETION & TEST DATA BY PRODUCING FORMATION

PLEASE TYPE OR USE BLACK INK ONLY

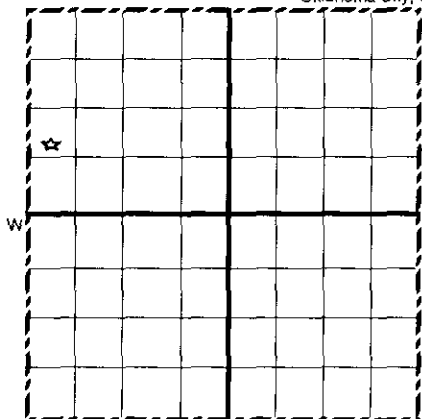
NOTE: Attach copy of original 1002A if recompletion or reentry

TYPE OF DRILLING OPERATION

___ STRAIGHT HOLE ___ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE

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

COUNTY Haskell	SEC 31	TWP 9N	RGE 18E
LEASE NAME Winton		WELL NO. 1-31	
SHL S/2 NW/4 SW/4 NW/4		1700' FNL & 2310' FEL	
BHL NE/4 SE/4 NE/4 NW/4		873' FNL & 296' FEL	
ELEVATION Derrick Fl Ground 782'		SPUD DATE 11/11/04	
DRLG FINISHED 11/17/04		WELL COMPLETION 12/3/04	
1ST PROD DATE 12/3/04		RECOMP DATE	



LOCATE WELL

OPERATOR NAME Questar Exploration and Production Company		OTC/OCC OPERATOR NO. 4147
ADDRESS 6120 S. Yale, Suite 1300		
CITY Tulsa	STATE OK	ZIP 74136

COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE ORDER NO.
☐ COMMINGLED ORDER NO.
LOCATION EXCEPTION ORDER NO. 49533T 499356
INCREASED DENSITY ORDER NO. 492262
PENALTY

OIL OR GAS ZONES

FORMATIONS	TOP	BOTTOM
Hartshorne	2289' TVD	

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	FILLUP	TOP
Conductor								
Surface	9 5/8"	32.3#	H-40	575'		315	Surface	Surface
Intermediate								
Production	7"	23#	J-55	2490'		120	1564'	926'
Liner (Perf'd)	4 1/2"	11.6#	J-55	4353'	(TOL @ 2274')			

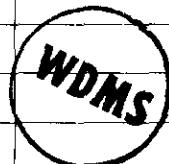
PACKER @ _____ BRAND & TYPE _____

PLUG @ _____ TYPE _____

TOTAL DEPTH

4323
4353

FORMATION	Hartshorne	
SPACING & SPACING	640 acres	
ORDER NUMBER	142632	
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp	Gas	
PERFORATED INTERVALS	2274'-4353' Open Hole	
ACID/VOLUME		
Fracture Treated?	No	
Fluids Amounts		



INITIAL TEST DATA

INITIAL TEST DATE	12/8/2004	
OIL-BBL/DAY		
OIL-GRAVITY (API)		
GAS-MCF/DAY	175	
GAS-OIL RATIO CU FT/BBL		
WATER-BBL/DAY	15 bwpd	
PUMPING OR FLOWING	Flowing	
INITIAL SHUT-IN PRESSURE	170 psig	
CHOKE SIZE	64/64"	
FLOW TUBING PRESSURE	10 psig	

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.

LaCretia Toppah
SIGNATURE

LaCretia Toppah
NAME (PRINT OR TYPE)

6120 S. Yale, Suite 1300	Tulsa	OK	74136
ADDRESS	CITY	STATE	ZIP
12/14/04	(918) 488-8962		
DATE	PHONE NUMBER		

PLEASE TYPE OR USE BLACK INK ONLY

FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

LEASE NAME

Winton

WELL NO.

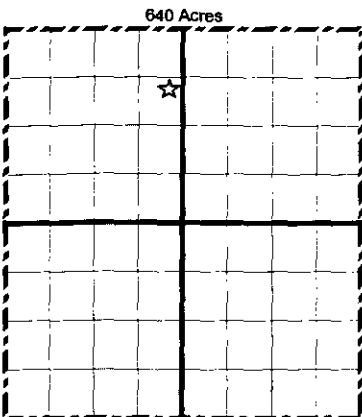
1 - 31

NAMES OF FORMATIONS	TOP	BOTTOM
Hartshorne	2289' TVD	

FOR COMMISSION USE ONLY	
APPROVED <u>[Signature]</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
Was an electric survey run?	yes	☒ no
Was CO2 encountered?	yes	☒ no
Was H2S encountered?	yes	☒ no
Were unusual drilling circumstances encountered?	yes	☒ no
If yes, briefly explain.		

Other remarks:



BOTTOM HOLE LOCATION

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

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (DRAINHOLES)

DRAINHOLE #1

SEC	TWP	RGE	COUNTY
31	9N	18E	Haskell
Spot Location	Feet From Quarter Section Lines		
NE 1/4	SE 1/4	SW 1/4	NW 1/4
Depth of Deviation	Radius of Turn	Direction	Total Length
1904'	327'	66.16	1936'
Measured Total Depth	True Vertical Depth	End Pt Location From Lease, Unit or Property Line:	
4323	2252'	306' FEL of the NW 1/4 874' FEL to 2354' FWL	

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.

DRAINHOLE #2

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



Scientific Drilling International

Survey Completion Report

Company: Questar
Field: Haskell County Oklahoma
Site: Section 31 - 9N - 18E
Well: Winton 1-31
Wellpath: OH Original Hole

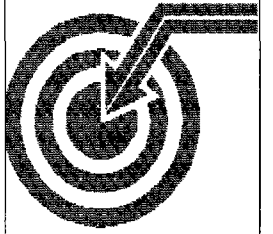
Date: 11/29/2004
Plane of Vertical Section: 66.16 Az.

MD ft	Incl deg	Azim deg	CLen ft	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft
612	2.1	177.2	612	611.9	-4	-11.2	0.5	0.34
917	1.6	149.7	305	916.7	-5.6	-20.5	3	0.33
1222	1	151.6	305	1221.6	-4.9	-26.5	6.4	0.2
1527	0.8	140.3	305	1526.6	-4.1	-30.5	9	0.09
1842	1.3	149.1	315	1841.5	-3	-35.2	12.2	0.17
1882	1.1	142.1	40	1881.5	-2.9	-35.9	12.7	0.62
1912	2.2	65.8	30	1911.5	-2.2	-35.9	13.4	7.38
1943	6.4	56	31	1942.4	0.1	-34.7	15.4	13.71
1974	10.6	59	31	1973.1	4.6	-32.3	19.3	13.62
2006	15.7	64.4	32	2004.2	11.8	-28.9	25.7	16.38
2036	20.9	70.7	30	2032.7	21.2	-25.3	34.4	18.52
2067	25.7	75.4	31	2061.2	33.4	-21.8	46.2	16.59
2098	29.8	76.8	31	2088.6	47.6	-18.4	60.2	13.39
2127	32.8	74.1	29	2113.4	62.5	-14.6	74.7	11.42
2159	35.8	69.1	32	2139.8	80.4	-8.8	91.8	12.86
2190	39.8	66.7	31	2164.3	99.4	-1.7	109.4	13.75
2220	44.6	66.7	30	2186.5	119.5	6.3	127.9	16
2250	49.5	68	30	2207	141.5	14.7	148.2	16.64
2281	54.1	69.3	31	2226.1	165.8	23.6	170.9	15.2
2312	58.5	70	31	2243.3	191.6	32.6	195	14.32
2341	62.9	72.2	29	2257.5	216.7	40.7	219	16.55
2372	68.3	70.9	31	2270.3	244.8	49.7	245.7	17.83
2403	74.1	69.3	31	2280.3	274.1	59.7	273.3	19.34
2434	80.4	67.8	31	2287.1	304.3	70.7	301.4	20.86
2450	84.5	66.2	16	2289.2	320.2	76.9	316	27.47
2490	91	66	40	2290.8	360.1	93.1	352.6	16.26
2530	93	62.9	40	2289.4	400.1	110.3	388.6	9.22
2562	89.6	61.5	32	2288.7	432	125.3	416.9	11.49
2594	90	61.4	32	2288.8	463.9	140.5	445	1.29
2625	91.1	61.6	31	2288.5	494.7	155.3	472.3	3.61
2657	91.5	62.2	32	2287.8	526.7	170.4	500.5	2.25
2689	91.1	62.1	32	2287	558.6	185.4	528.8	1.29
2722	91	61.9	33	2286.4	591.5	200.8	557.9	0.68
2754	90.3	61.2	32	2286.1	623.4	216.1	586	3.09
2787	89.7	60.9	33	2286.1	656.2	232.1	614.9	2.03
2818	89.4	60.7	31	2286.3	687.1	247.2	642	1.16
2849	89.9	60.9	31	2286.5	718	262.3	669	1.74
2880	90.7	61.7	31	2286.4	748.9	277.2	696.2	3.65
2911	90.5	60.8	31	2286	779.7	292.1	723.4	2.97
2944	89.7	60.1	33	2286	812.6	308.4	752.1	3.22
2976	90.5	60.4	32	2285.9	844.4	324.3	779.9	2.67

Company: Questar
 Field: Haskell County Oklahoma
 Site: Section 31 - 9N - 18E
 Well: Winton 1-31
 Wellpath: OH Original Hole

Date: 11/29/2004
 Plane of Vertical Section: 66.16 Az.

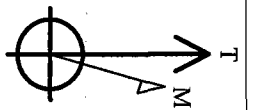
MD ft	Incl deg	Azim deg	CLen ft	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft
3008	91.1	60.7	32	2285.5	876.2	340	807.7	2.1
3040	91.9	60.9	32	2284.6	908.1	355.6	835.7	2.58
3072	90.3	60.1	32	2284	939.9	371.3	863.5	5.59
3103	90	59.6	31	2283.9	970.7	386.9	890.3	1.88
3134	89.7	59.6	31	2284	1001.5	402.6	917.1	0.97
3165	90.8	60.3	31	2283.9	1032.4	418.1	943.9	4.21
3197	90.4	61.4	32	2283.5	1064.2	433.7	971.8	3.66
3229	89.4	63	32	2283.6	1096.1	448.6	1000.1	5.9
3262	90.9	64.8	33	2283.5	1129.1	463.2	1029.8	7.1
3293	92.1	65.7	31	2282.7	1160.1	476.1	1057.9	4.84
3325	91.5	65.4	32	2281.7	1192.1	489.4	1087	2.1
3356	90.1	65	31	2281.3	1223.1	502.4	1115.2	4.7
3388	90.9	65.2	32	2281	1255.1	515.8	1144.2	2.58
3421	91.7	64.7	33	2280.2	1288	529.8	1174.1	2.86
3453	89	65	32	2280	1320	543.4	1203	8.49
3482	89.2	66.6	29	2280.5	1349	555.3	1229.5	5.56
3513	90.5	67.6	31	2280.6	1380	567.4	1258	5.29
3545	91.1	69	32	2280.1	1412	579.2	1287.8	4.76
3577	91.1	69.9	32	2279.5	1443.9	590.4	1317.7	2.81
3608	90.7	70.9	31	2279	1474.8	600.8	1346.9	3.47
3639	91.3	71.6	31	2278.5	1505.7	610.8	1376.3	2.97
3669	91.4	72.9	30	2277.8	1535.5	619.9	1404.8	4.34
3700	91	74.6	31	2277.1	1566.3	628.6	1434.6	5.63
3731	91.2	73.8	31	2276.5	1597	637	1464.4	2.66
3761	90.4	72.9	30	2276.1	1626.7	645.6	1493.2	4.01
3791	91.2	73.3	30	2275.7	1656.5	654.3	1521.9	2.98
3822	92.4	73.7	31	2274.7	1687.2	663.1	1551.6	4.08
3852	92.6	71.7	30	2273.4	1717	672.1	1580.2	6.69
3883	92	70.9	31	2272.2	1747.8	682	1609.5	3.22
3913	93	72	30	2270.9	1777.7	691.5	1637.9	4.95
3944	92.8	71.5	31	2269.3	1808.5	701.2	1667.3	1.74
3975	91.9	71	31	2268	1839.4	711.2	1696.7	3.32
4004	91.2	70.8	29	2267.2	1868.2	720.7	1724.1	2.51
4035	91.5	71.4	31	2266.5	1899.1	730.7	1753.4	2.16
4066	92.9	72.2	31	2265.3	1929.9	740.4	1782.8	5.2
4096	91.1	69.7	30	2264.3	1959.8	750.2	1811.1	10.26
4127	88.3	68.6	31	2264.4	1990.8	761.2	1840.1	9.7
4158	89.9	69.7	31	2264.9	2021.7	772.2	1869.1	6.26
4189	92	71	31	2264.4	2052.6	782.6	1898.3	7.97
4218	92.8	71	29	2263.2	2081.5	792.1	1925.7	2.76
4250	95.8	71	32	2260.8	2113.3	802.5	1955.8	9.37
4279	96.3	70.2	29	2257.7	2142	812	1983	3.24
4310	96.4	70	31	2254.3	2172.8	822.5	2012	0.72
4323	96.2	70.3	13	2252.9	2185.7	826.9	2024.2	2.76



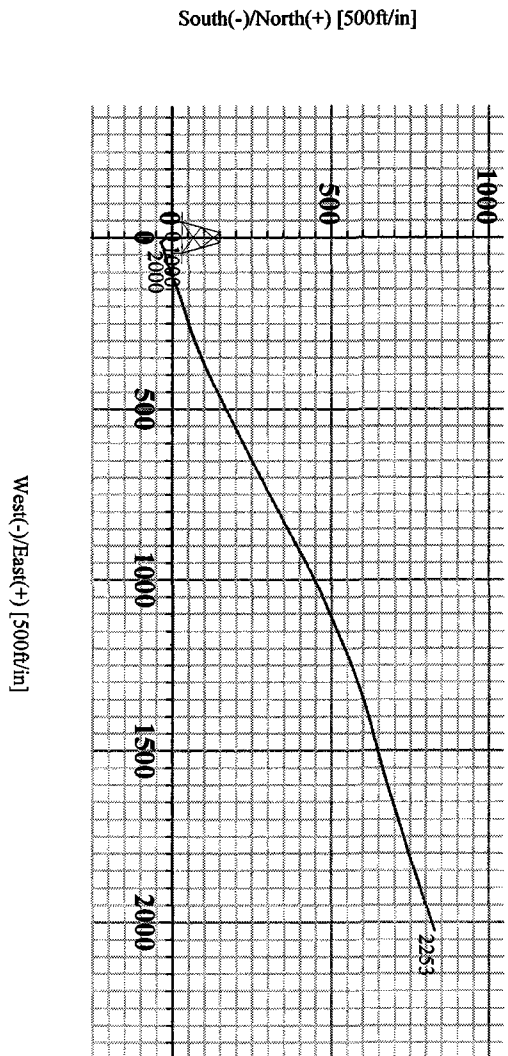
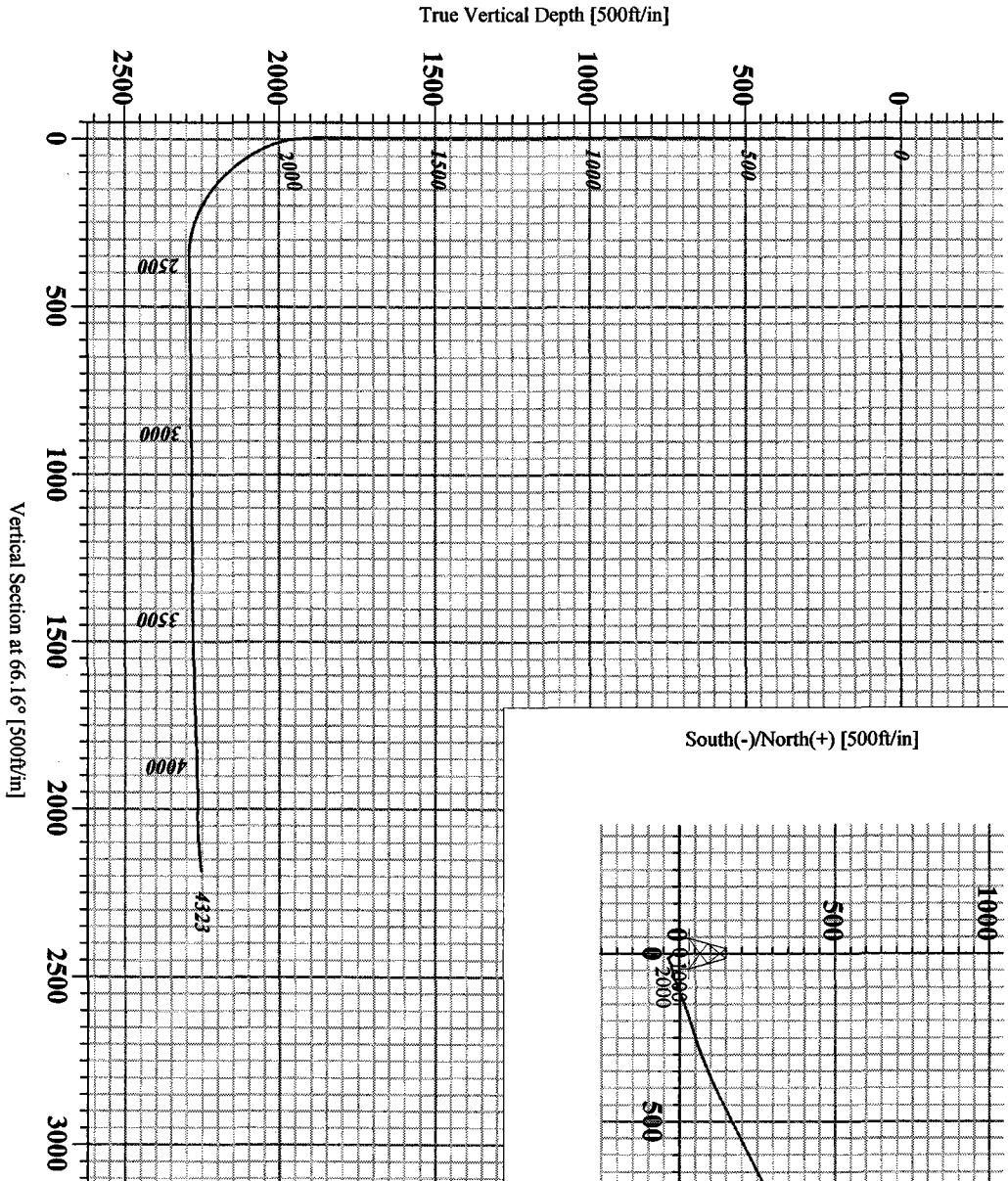
Scientific Drilling

QUESTAR

Field: HASKELL COUNTY OKLAHOMA
Site: Section 31 - 9N - 18E
Well: Winton I-31
Wellpath: Original Wellpath
Survey #:



Azinuths to True North
Magnetic North: 3.82°
Magnetic Field
Strength: 51901nT
Dip Angle: 64.35°
Date: 11/4/2004
Model: igrf2000



Bottom Hole Location from Surface
2252.9' TVD 826.9' North & 2024.2' East
Bottom Hole Vertical Section
4323.0' MD 2185.7 feet @ 70.30 Azimuth

This survey is correct to the best of my knowledge
and is supported by actual field data.

Company Representative

COAL TOP

MD	INC	AZI	TVD	NS	EW	DLS	VS
2444.00	82.96	66.80	2288.59	74.53	310.56	27.47	314.19
1625.5 FNL	640.6 FWL						

CASING POINT

MD	INC	AZI	TVD	NS	EW	DLS	VS
2490.00	91.00	66.00	2290.81	93.10	352.55	0.00	360.10
1606.9 FNL	682.6 FWL						

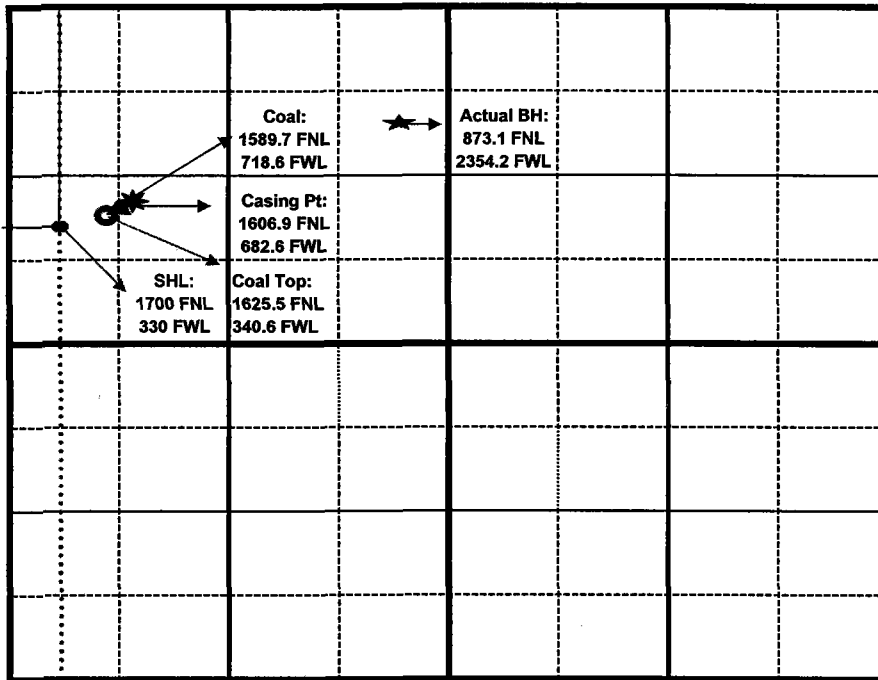
1st Entry Shot

MD	INC	AZI	TVD	NS	EW	DLS	VS
2530.00	93.00	62.90	2289.41	110.33	388.61	0.00	400.05
1589.7 FNL	718.6 FWL						



Scientific
Drilling

Final Location Statement



County Haskell County

Section 31

Township 9N

State Oklahoma

Range 18E

Est. Formation Tops:

Customer Name: Questar

McCurtain 2081' TVD

Well Name: Winton 1-31

Hartshorne Coal 2286' TVD @ Entry

SHL: 1700 FNL 330 FWL

Azimuth 66.16 Az.

PBHL: 330 FNL 3430 FWL

Inclination 90.76 Inc

HARDLINES: 330 FEL 330 FNL 330 FWL

0' West, 1370' North & 4620' East of
Surface

Coal Top: 1625.5 FNL 640.6 FWL NW/4

Casing Pt: 1606.9 FNL 682.6 FWL NW/4

COAL: 1589.7 FNL 718.6 FWL NW/4

Actual BHL: 873.1 FNL 2354.2 FWL NW/4

PBH COORDINATES FROM SHL:

1370 feet North

3100 feet East

3389.2' Displacement @ 66.16 Azimuth

Actual BHL

826.9 feet North

2024.2 fet East

2185.7' Displacement @ 66.16 Azimuth

* All data based on 5280 X 5280 square mile.

API NO.
061-22096
OTC PROD. UNIT NO.
061-114610

Rule 165:10-3-25

☒ ORIGINAL☐ AMENDED

Reason Amended

3364

COMPLETION REPORT
OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 52000-2000
Oklahoma City, Oklahoma 73152-2000

412152012

Form 1002A

Rev. 1996

404HRSR

COMPLETION & TEST DATA BY PRODUCING FORMATION

PLEASE TYPE OR USE BLACK INK ONLY

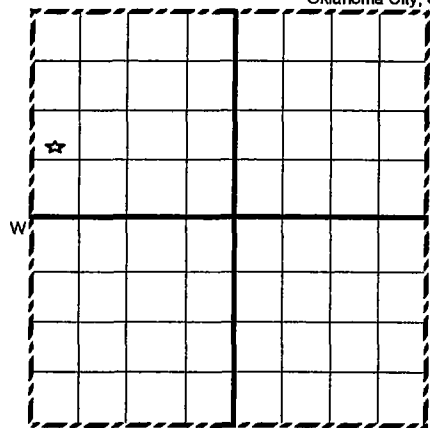
NOTE: Attach copy of original 1002A if recompletion or reentry

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE

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

COUNTY	SEC	TWP	RGE
Haskell	31	9N	18E
LEASE NAME	WELL NO.		
Winton	1-31		
SHL S/2 NW/4 SW/4 NW/4	1700' FNL & 2310' FEL		
BHL NE/4 SE/4 NE/4 NW/4	873' FNL & 296' FEL		
ELEVATION	SPUD DATE		
Derrick Fl Ground 782'	11/11/04		
DRLG FINISHED	WELL COMPLETION		
11/17/04	12/3/04		
1ST PROD DATE	RECOMP DATE		
12/3/04			



OPERATOR NAME	OTC/OCC OPERATOR NO.	
Questar Exploration and Production Company	4147	
ADDRESS		
6120 S. Yale, Suite 1300		
CITY	STATE	ZIP
Tulsa	OK	74136

COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE ORDER NO.
☐ COMMINGLED ORDER NO.
LOCATION EXCEPTION ORDER NO.
495354 499356
INCREASED DENSITY ORDER NO.
492262
PENALTY

OIL OR GAS ZONES

FORMATIONS	TOP	BOTTOM
Hartshorne	2289' TVD	

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	FILLUP	TOP
Conductor								
Surface	9 5/8"	32.3#	H-40	575'		315	Surface	Surface
Intermediate								
Production	7"	23#	J-55	2490'		120	1564'	926'
Liner								
(Perf'd)	4 1/2"	11.6#	J-55	4353'	(TOL @ 2274')			

PACKER @ _____ BRAND & TYPE _____

TOTAL DEPTH

4323
4353'

PLUG @ _____ TYPE _____

FORMATION	Hartshorne		
SPACING & SPACING	640 acres		
ORDER NUMBER	142632		
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp	Gas		
PERFORATED INTERVALS	2274'-4353' Open Hole		
ACID/VOLUME			
Fracture Treated?	No		
Fluids Amounts			

INITIAL TEST DATA

INITIAL TEST DATE	12/8/2004		
OIL-BBL/DAY			
OIL-GRAVITY (API)			
GAS-MCF/DAY	175		
GAS-OIL RATIO CU FT/BBL			
WATER-BBL/DAY	15 bwpd		
PUMPING OR FLOWING	Flowing		
INITIAL SHUT-IN PRESSURE	170 psig		
CHOKE SIZE	64/64"		
FLOW TUBING PRESSURE	10 psig		

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	LaCretia Toppah	NAME (PRINT OR TYPE)	
6120 S. Yale, Suite 1300	Tulsa	OK	74136
ADDRESS	CITY	STATE	ZIP
12/14/04	(918) 488-8962		
DATE	PHONE NUMBER		

PLEASE TYPE OR USE BLACK INK ONLY
FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

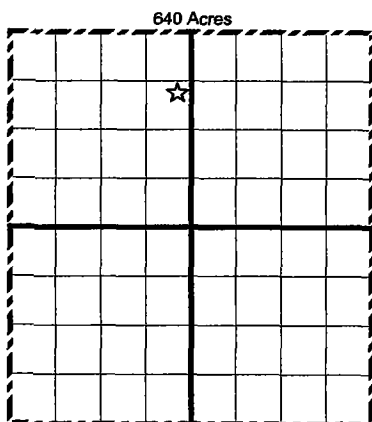
LEASE NAME Winton WELL NO. 1 - 31

NAMES OF FORMATIONS	TOP	BOTTOM
Hartshorne	2289' TVD	

FOR COMMISSION USE ONLY	
APPROVED <u>DM</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
Was an electric survey run?	yes	☒ no
Was CO2 encountered?	yes	☒ no
Was H2S encountered?	yes	☒ no
Were unusual drilling circumstances encountered?	yes	☒ no
If yes, briefly explain.		

Other remarks:



BOTTOM HOLE LOCATION

SEC	TWP	RGE	COUNTY
31	9N	18E	Haskell
Spot Location			Feet From Quarter Section Lines
1/4	1/4	1/4	1/4
Measured Total Depth			True Vertical Depth
			BHL From Lease, Unit, or Property Line:

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (DRAINHOLES)

DRAINHOLE #1

SEC	TWP	RGE	COUNTY
31	9N	18E	Haskell
Spot Location			Feet From Quarter Section Lines
NE 1/4	SE 1/4	NW 1/4	SW 1/4
Depth of Deviation			Radius of Turn
1904'			327'
Measured Total Depth			End Pt Location From Lease, Unit or Property Line:
4323'			206' FEL of the NW 1/4
4855'			874' FNL to 2354' FWL

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.

DRAINHOLE #2

SEC	TWP	RGE	COUNTY
31	9N	18E	Haskell
Spot Location			Feet From Quarter Section Lines
1/4	1/4	1/4	1/4
Depth of Deviation			Radius of Turn
Measured Total Depth			End Pt Location From Lease, Unit or Property Line: