

Oklahoma Corporation Commission  
Oil & Gas Conservation Division  
Post Office Box 52000  
Oklahoma City, Oklahoma 73152-2000  
Rule 165: 10-3-25

Form 1002A

API No.: 35051361310003

**Completion Report**

Spud Date: February 15, 1949

OTC Prod. Unit No.: 051-010130

Drilling Finished Date: April 29, 1949

**Amended**

1st Prod Date: May 17, 1949

Amend Reason: ADD PERFORATIONS

Completion Date: May 25, 1949

Recomplete Date: May 17, 2023

**Drill Type: STRAIGHT HOLE**

Well Name: RAY HORTON 7

Purchaser/Measurer:

Location: GRADY 8 3N 5W  
SW NE SW NW  
695 FSL 798 FWL of 1/4 SEC  
Derrick Elevation: 1262 Ground Elevation: 0

First Sales Date:

Operator: MACK ENERGY CO 11739

100 N BROADWAY STE 3300  
OKLAHOMA CITY, OK 73102-8831

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	There are no Location Exception records to display.		There are no Increased Density records to display.	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	10 3/4	32.75		115		75	SURFACE
INTERMEDIATE	7	23	8RD	5460		600	3100
PRODUCTION	5.5	14	IRD	5575			5437

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2			3916	0	360	0	3916

**Total Depth: 6075**

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
There are no Packer records to display.		4254	7" CIBP

Initial Test Data
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Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut-In Pressure	Choke Size	Flow Tubing Pressure
Jun 09, 2023	PRIMROSE	9		83	9222	40	PUMPING			

Completion and Test Data by Producing Formation

Formation Name: CUNNINGHAM SPRINGER/		/PARKS/	Code: 401CNGM	Class: GAS
<b>Spacing Orders</b>		<b>Perforated Intervals</b>		
<b>Order No</b>	<b>Unit Size</b>	<b>From</b>	<b>To</b>	
UNSPACED		4814	4834	
<b>Acid Volumes</b>		<b>Fracture Treatments</b>		
750, 2,400 GALLONS 7.5% MCA		17,920 GALLONS		

Formation Name: PRIMROSE		Code: 402PRMR	Class: GAS
<b>Spacing Orders</b>		<b>Perforated Intervals</b>	
<b>Order No</b>	<b>Unit Size</b>	<b>From</b>	<b>To</b>
UNSPACED		3582	3588
		3590	3644
		3713	3725
		3762	3776
		3780	3786
		3974	4014
		4126	4162
		4170	4190
<b>Acid Volumes</b>		<b>Fracture Treatments</b>	
2,950 GALLONS 7.55 MCA		There are no Fracture Treatments records to display.	

Formation	Top
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Were open hole logs run? Yes

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

<b>Other Remarks</b>
There are no Other Remarks.

FOR COMMISSION USE ONLY



API NUMBER: 051 36131 C

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

Approval Date: 10/14/2022

Expiration Date: 04/14/2024

Straight Hole

Oil &amp; Gas

**PERMIT TO RECOMPLETE**

WELL LOCATION: Section: 08 Township: 3N Range: 5W County: GRADY

SPOT LOCATION: SW NE SW NW  
FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 695 798

Lease Name: RAY HORTON

Well No: 7

Well will be 138 feet from nearest unit or lease boundary.

Operator Name: MACK ENERGY CO

Telephone: 4058329830; 5802525580

OTC/OCC Number: 11739 0

MACK ENERGY CO

OKLAHOMA CITY, OK 73142-1839

MCCASLAND FARMS

4700 GAILLARDIA PKWY, STE 102

OKLAHOMA CITY OK 73142

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Code	Depth
1	PRIMROSE	402PRMR	3590
2	CUNNINGHAM /PARKS/ SPRINGER/	401CNGM	4814

Spacing Orders: No Spacing

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202203102

Working interest owners' notified: \*\*\*

Special Orders: No Special

Total Depth: 6075

Ground Elevation: 1262

Surface Casing: 115 IP

Depth to base of Treatable Water-Bearing FM: 320

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

**NOTES:**

Category	Description
HYDRAULIC FRACTURING	[6/29/2022 - GC2] - OCC 165:10-3-10 REQUIRES:  1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;  2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a> ; AND,  3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
PENDING CD - 202203102	[10/10/2022 - G56] - NE4 SE4 7 & NW4 SW4, W2 E2 NW4, E2 W2 NW4 8-3N-5W X165:10-1-21 PRMR, CNGM SHL 1945' FNL, 138' FWL NO OP NAMED REC 10/4/2022 (P. PORTER)
SPACING	[7/8/2022 - G56] - FORMATIONS UNSPACED; 120-ACRE LEASE (NW4 SW4, W2 E2 NW4, E2 W2 NW4)

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (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.

051 36131 RAY HORTON 7

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (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.

051 36131 RAY HORTON 7

Rule 165:10-3-25  
ORIGINAL ☐  
AMENDED ☒  
Reason Amended:

## Re-completion

COMPLETION REPORT  
OKLAHOMA CORPORATION COMMISSION  
OIL AND GAS CONSERVATION DIVISION  
Jim Thorpe Building  
Oklahoma City, Oklahoma 73105-4993

70326100 ~~13~~

Form 1002A  
Rev. 1992

## COMPLETION &amp; TEST DATA BY PRODUCING FORMATION

401 1 ENAM

;

1

PLEASE TYPE OR USE BLACK INK ONLY

TYPE OF DRILLING OPERATION:

STRAIGHT HOLE    ☐ DIRECTIONAL HOLE    ☐ HORIZONTAL HOLE

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

COUNTY:	Grady	SEC	8	TWP	3N	RGE	5W
LEASE NAME:	Ray Horton	WELL NO:	7				
SW							
SHL: NE 1/4 SW 1/4 NW 1/4		695'	FSL	798'	FWL OF 1/4 SEC		
BHL: NE 1/4 SW 1/4 NW 1/4		695'	FSL	798'	FWL OF 1/4 SEC		
ELEVATION: Derrick Fl 1262 Ground				SPUD DATE 2-15-49			
DRUG FINISHED		4-29-49	WELL COMPLETION		5-25-49		

LOCATE WELL

1ST PROD DATE	5-17-49	RECOMP DATE	8-26-96
OPERATOR NAME	Mack Energy Co.	DTC/OCC OPER NO	11739
ADDRESS	P.O. Box 400		
CITY	Duncan	STATE	OK
		ZIP	73534

## COMPLETION TYPE

## OIL OR GAS ZONES

<input checked="" type="checkbox"/> SINGLE ZONE	FORMATIONS	TOP	BOTTOM
<input type="checkbox"/> MULTIPLE ZONE ORDER NO.	Cunningham	4814	34
<input type="checkbox"/> COMMINGLED ORDER NO.			
LOCATION EXCEPTION ORDER NO.			
INCREASED DENSITY ORDER NO.			
PENALTY			

**CASING & CEMENT (Form 1002C must be attached)**

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	FILLUP	TOP
Conductor								
Surface	10 3/4"	32.75#		115'		75		surf.
Intermediate								
Production	7"	23#	8rd	5460'		600		3100'
Liner	5 1/2"	14#		5575'				5437'
Packer @ 4720'		Brand & Type		7" Model "R"		TOTAL DEPTH		6075'

Packer @ 4720' Brand & Type 7" Model "R"  
 Plug # 5214' Type 7" Elder Cup Type

FORMATION	Cunningham		
SPACING & SPACING ORDER NUMBER	unspaced		
CLASSIFICATION Oil, Gas, Dry, Inj	gas		
PERFORATED INTERVALS	4814-34'		
ACID/VOLUME	750 gals		
Fracture Treated?	yes		
Fluids Amounts	17920 gals		

### INITIAL TEST DATA

Initial Test Date	4-18-96		
Oil-bbl/day	9 B0		
Oil-Gravity (.API)	37.8		
Gas-MCF/day	350		
Gas-Oil Ratio Cu Ft/bbl	38,000:1		
Water-bbl/day	0		
Pumping or Flowing	Flowing		
Initial Shut-In Pressure	1950		
CHOKE SIZE	10/64"		
FLOW TUBING PRESSURE			

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	Chris F. Cain	NAME (PRINT OR TYPE)	Chris F. Cain	V.P. Prod.
P.O. Box 400	Duncan	OK	73534	
ADDRESS	CITY	STATE	ZIP	
3-24-97	(405) 252-5580			
DATE	PHONE NUMBER			

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

WELL NO

APPROVED ☒ DISAPPROVED ☐

- 1) ITD Section  
a) No Intent to Drill on file  
(1) Send warning letter ☐  
(2) Recommend for contest ☐
- 2) Authorized Surety  
a) No Surety filed \_\_\_\_\_  
b) Expired Surety \_\_\_\_\_

Financial Statement/Letter of Credit/Bond

- ### 3) Reject Codes

Has an electrical survey run? ☒ Yes ☐ No

Date last log was run

Was CO<sub>2</sub> encountered? ☐ Yes ☐ No at what depths?

Was H<sub>2</sub>S encountered? ☐ Yes ☐ No at what depths?

Were unusual drilling circumstances encountered? ☐ Yes ☐ No  
If yes, briefly explain:

**Other remarks:**

**648 Acres**

**BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE:**

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.

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

DRAIN HOLE #2: SEC		TWP		RGE		COUNTY	
Spot Location		Feet From Quarter Section Lines					
1/4	1/4	1/4	1/4	_____ FSL	_____ FSL	FSL of 1/4 SECTION	
Depth of Deviation		Radius of Turn		Direction		Total Length	
Measured Total Depth		True Vertical Depth		End Pt Location From Lease, Unit or Property Line:			

PERMIT TO DRILL

OTC/OCC Number: 11739-0

OKLAHOMA CORPORATION COMMISSION

API Number: 051-36131-B

Approval Date: 01/17/96

PERMIT TO DRILL

Notice of Intention To: RECOMPLETE

Type of Drilling Operation: STRAIGHT HOLE

County: GRADY Spot Location: SW4 NE4 SW4 NW4

Feet From: SOUTH 1/4 Section Line 695 Feet From: WEST 1/4 Section Line 798

Lease Name: RAY HORTON

Well Type: OIL/GAS

Well No: 7

Well Location: Sec: 8 Twp: 03N Rge: 05W

Feet from the nearest lease line: 522

Operator Name: MACK ENERGY CO.

Surface Owner Address

DANNY HARRISON

1015 WEST BEECH AVE.

DUNCAN OK 73533

Operator Return Address

MACK ENERGY CO.

P.O. BOX 400

DUNCAN OK 73534

Operation to Begin: 00/00/00

Fresh Water Supply Well Drilled: NO

Surface Water used to Drill: NO

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

(1) 401WOODS WOODS

3580

(2) 401CNGM CUNNINGHAM

/PARKS/ SPRINGER/

4814

Not Spaced for Permitted Formations.

Special Orders:

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

Total	Ground	Surface	Depth to base of Treatable
Depth:	Elevation	Casing:	Water-Bearing FM:
6075	1262	103	370

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.





PIT # 2

- A. Type of mud system:        water based,        oil based,        gas based (air drilled)  
 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

OFFSITE PIT #       

Locate bottom hole location (s):


N

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.

28.2. OCC USE ONLY A. Category 1A 1B 2 3 4 ; Fr  
 B. Pit Location:        Alluvial Plain/Terrace Deposit        Bedrock Aquifer        Other HSA        Non-HSA  
 C. Special area or field rule?        D. DEEP SCA?        Y        N Yield > 50  
 E. SOIL or GEOMEMBRANE LINER REQUIRED?        Y        N, GEOMEMBRANE LINER REQUIRED?        Y        N 20 ml 30 ml

29. Bottom Hole Location for Directional Hole

SEC	TWP	RGE	County
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SPOT LOCATION: 1/4 1/4 1/4 1/4 FEET FROM QUARTER 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)

SEC	TWP	RGE	County
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SPOT LOCATION: 1/4 1/4 1/4 1/4 FEET FROM QUARTER 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:

DRAIN HOLE #2: SEC TWP RGE County

SPOT LOCATION: 1/4 1/4 1/4 1/4 FEET FROM QUARTER 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        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. 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.

## INTENT TO DRILL CHECKLIST

APPROVED

REJECTED

JLB

JLB

DAN  
DAN

1-17-96

OKLA CORP COMM RECEIPT 962880104  
 Date: 01/16/1996 Time: 11:09  
 Case: 000000000 Cashiers: LTS  
 Payor: MCK ENERGY CO  
 Check 36872 \$100.00  
 46 Intent to Drill

## OCC USE ONLY

## OCC USE ONLY

## OCC USE ONLY

1. SURETY BAD  
 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 Alternative 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  
 NWSE 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

DO NOT WRITE INSIDE THIS BOX

PLEASE TYPE OR USE BLACK INK

1. OTC/OCC OPERATOR NUMBER

11739

2. API NUMBER

051-19350

OKLAHOMA CORPORATION COMMISSION  
Oil & Gas Conservation Division  
Jim Thorpe Building  
Oklahoma City, Oklahoma 73105-4993  
(Rule 3-204)

BATCH NUMBER (OCC USE ONLY)

1111111111

3. NOTICE OF INTENTION TO:

☐ DRILL ☒ RECOMPLETE ☐ REENTER ☐ AMEND Reason Amended

4. TYPE OF DRILLING OPERATION:

☒ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☐ HORIZONTAL HOLE

Note: If, directional or horizontal, see reverse side for bottom hole loc.

5. WELL LOCATION:

Section 8 Township 3N Range 5W County Grady

Spot Location: Feet from quarter section lines

SW 1/4 NE 1/4 SW 1/4 NW 1/4 South line 695 West line 798'

Well will be 695' 330' feet from nearest lease, unit or property boundary.

6. LEASE NAME: Ray Horton

WELL NUMBER: 7

7. NAME OF OPERATOR: Mack Energy Co.

ADDRESS

P.O. Box 400

PHONE (AC/NUMBER)

(405) 252-5580

CITY

Duncan

STATE

OK

ZIP CODE

73534

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

Billy R. Bell

ADDRESS

Route 1

CITY

Carnegie

STATE

OK

ZIP CODE

73015

11. Is well located on lands under federal jurisdiction? ☐ Y ☒ N12. Will a water well be drilled? ☐ Y ☒ N  
Will surface water be used? ☐ Y ☒ N13. DATE OPERATION TO BEGIN  
ASAP

14. TARGET FORMATIONS AND DEPTHS (5' EACH) (limited to ten)

Woods 3580'

401

WOODS

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

unspaced

16. Pending Application C.D. No.

17. Location Exception Order No.

18. Increase Density Order No.

19. Total Depth

6075'

20. Ground Elev.

1262'

21. Depth to base of treatable water-bearing fm.

LA

250' 370'

22. Surface Casing

10 3/4" @ 103'

23. Will alternative casing program be used? ☐ Y ☒ N

24. Alternative Casing Procedures, check box and fill in blank (Affidavit Required, see Reverse Side):

☐ A. Cement will be circulated from total depth to the 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. Pit Information:

☒ A. Type of Pit System: ☐ on-site ☐ off-site ☐ closed If off-site, specify location: \_\_\_\_\_  
☐ B. Type of Mud System: ☐ water based ☐ oil based ☐ gas based (air drilled)  
☒ C. Expected chloride content: maximum \_\_\_\_\_ ppm; average \_\_\_\_\_ ppm.  
☒ D. Is depth to top of ground water greater than 6 ft. below base of pit? ☒ yes ☐ no
26. For OCC Use Only: *RE C. P. K. KASHA*

A. Is pit located in an hydrologically sensitive area? ☐ yes ☒ no  
 B. Category of pit: 1 2 3 4 C. Liner Required: ☐ yes ☒ no

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 ft. below base of Treatable Water-bearing fm);  
☐ D. Noncommercial land application (requires permit);  
☐ E. Haul to commercial pit facility; specify site \_\_\_\_\_  
☐ F. Haul to commercial soil farming facility; specify site \_\_\_\_\_  
☒ G. Other method; specify Produced fluids to legal commercial disposal

I hereby certify that I am authorized to submit this two page application which was 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

*Brent A. Keys*

NAME (Print or Type)

BRENT A. KEYS

PHONE (AC/NUMBER)

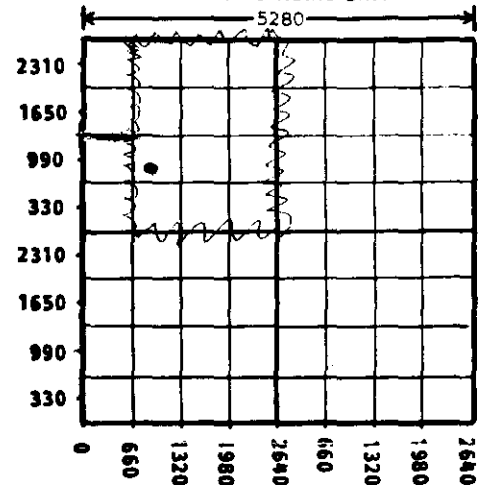
(405) 252-5580

DATE

11/10/94

NOTICE: 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.

4. LOCATE WELL AND OUTLINE LEASE OR SPACING UNIT



SECTION 8  
TOWNSHIP 3N  
RANGE 5W  
WELL NAME Ray Horton  
NUMBER 7

[illegible]

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.

SEC	TWP	RGE	COUNTY
Spot location		Feet from quarter section lines	
1/4	1/4	1/4	1/4 South line West line
Measured		True	Bottom hole location from
Total Depth		Vertical Depth	lease, unit or property line:

Drain hole #1					
SEC	TWP	RGE	COUNTY		
Spot location of end point			Feet from quarter section lines		
1/4	1/4	1/4	1/4	South line	West line
Depth of		Radius of	Direction		Total
Deviation		Turn	Length		
Measured		True	End point location from		
Total Depth		Vertical Depth	lease, unit or property line:		

SEC	TWP	RGE	COUNTY
Spot location of end point		Feet from quarter section lines	
1/4	1/4	1/4	1/4 South line West line
Depth of	Radius of	Direction	Total
Deviation	Turn		Length
Measured	True	End point location from	
Total Depth	Vertical Depth	lease, unit or property line:	

Name of owner/operator	Address of owner/operator	Location (nearest 1/4 1/4 1/4)	Deepest producing interval
------------------------	---------------------------	--------------------------------	----------------------------

Order expired: date \_\_\_\_\_

KILA CORP COMM RECEIPT 952130032  
 Date: 11/14/1994 Time: 11:54  
 Case: 000000000 Cashier: LTS  
 Payor: MACK ENERGY CO.

DKN  
DKN gl

PERMIT TO DRILL

OKLAHOMA CORPORATION COMMISSION

PERMIT TO DRILL

OTC/OCC Number: 11739-0

API Number: 051-36131-A

Approval Date: 11/18/94

Notice of Intention To: RECOMPLETE

Type of Drilling Operation: STRAIGHT HOLE

Well Type: OIL/GAS

Well Location: Sec: 8 Twp: 03N Rge: 05W

County: GRADY Spot Location: SW4 NE4 SW4 NW4

Feet From: SOUTH 1/4 Section Line 695 Feet From: WEST 1/4 Section Line 798

Feet from the nearest lease line: 330

Lease Name: RAY HORTON

Well No: 7

Operator Name: MACK ENERGY COMPANY

Surface Owner Address

BILLY R. BELL

RT. 1

CARNEGIE OK 73015

Operator Return Address

MACK ENERGY COMPANY

P. O. BOX 400

DUNCAN OK 73534

Operation to Begin: 00/00/00

Fresh Water Supply Well Drilled: NO

Surface Water used to Drill: NO

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

(1) 401WOODS WOODS 3580

Not Spaced for Permitted Formations.

Special Orders:

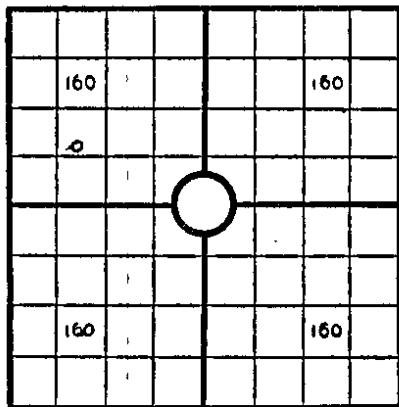
Pending CD Numbers: Location Exception Orders: Increased Density Orders:

Total Depth:	Ground Elevation	Surface Casing:	Depth to base of Treatable Water-Bearing FM:
6075	1262	103	370

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.

Mail to Corporation Commission, Oklahoma City, Oklahoma

**OKLAHOMA CORPORATION COMMISSION****OIL & GAS CONSERVATION DEPARTMENT**640 Acres  
N**WELL RECORD**

Locate well correctly

COUNTY Grady SEC 8 TWP 3N RGE 5W  
 COMPANY OPERATING T. H. McCasland et al  
 OFFICE ADDRESS McCasland Bldg., Duncan, Oklahoma  
 FARM NAME Ray Horton WELL NO. 7  
 DRILLING STARTED 2-15-49 DRILLING FINISHED 4-29-49  
 DATE OF FIRST PRODUCTION 5-17-49 COMPLETED 5-25-49  
 WELL LOCATED NE 1/4 SW 1/4 NW 1/4 695' North of South  
 Line and 798 ft East of West Line of Quarter Section  
 Elevation (Relative to sea level) DERRICK FLOOR 1262 GROUND \_\_\_\_\_  
 CHARACTER OF WELL (Oil, gas or dryhole) Oil

**Electric Log****OIL OR GAS SANDS OR ZONES**

Name	From	To	Name	From	To
1. sand,	1360	1388	4 Sand,	1978	1990
"	1446	1466	"	2285	2308
2 "	1614	1629	5 "	2590	2616
"	1719	1741	"	3592	3616
3 "	1800	1841	6 "	3678	3715

**Oil or Gas Sands or Zones Cont'd.**

Formation	From	To	No of Shots	Formation	From	To	Size of Shot
Sand	3760	3786		Sand	5329	5369	
"	3964	4027		"	5470	5536	
"	4124	4164					
"	4810	4845					

**CASING RECORD**

Amount Set						Amount Pulled		Packer Record			
Size	Wt	Thds	Make	Ft	In.	Ft.	In.	Size	Length	Depth Set	Make
10-3/4	32.75	8 Y		103'							
7" OD	23#	8 Rnd		5494.56'							

Liner Record Amount \_\_\_\_\_ Kind \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

**CEMENTING AND MUDDING**

Size	Amount Set		Sacks Cement	Chemical		Method of Cementing	Amount	Mudding Method	Results (See Note)
	Ft	In		Gal	Make				
10-3/4	Set 103' at 115'				with 75 sacks by Halliburton				2-15-49
7" OD	Set 5494.56' at 5460'				with 600 sacks by Halliburton				4-12-49

Note What method was used to protect sands if outer strings were pulled? None pulled.NOTE Were bottom hole plugs used? No If so, state kind, depth set and results obtained \_\_\_\_\_**TOOLS USED**

Rotary tools were used from 0 feet to 6078 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Type Rig Rotary

**INITIAL PRODUCTION TEST**Describe initial test whether by flow through tubing or casing or by pumping Flow

Amount of Oil Production 102 bbls Size of choke, if any "2" Length of test 24 Hr.  
 Gravity of oil 43 Type of Pump if pump is used, describe \_\_\_\_\_

## FORMATION RECORD

Give detailed description and thickness of all formations drilled through and contents of sand, whether dry, water, oil or gas

Formation	Top	Bottom	Formation	Top	Bottom
Surface - sand and shale	0	125	Sand and shale		4015
Red bed & shells		525	Sand		4017
Shale and sand		1352	Sand and shale		4069
Shale, red bed, shells		1445	Shale and lime		4096
Shale and sand		1614	Lime and shale		4121
Shale and shells		1814	Sand and shale		4141
Sandy shale, shale		1825	Cored 4141-53, - shale & sand		4153
Cored 1825-42, sand, rotten shale		1842	Shale and sand		4209
Shale and sand		1981	Sand, lime and shale		4233
Sand		1997	Shale and lime		4288
Cored 1981-97. Slightly shaly sand, odor and taste - slight salt water taste		1997	Shale and sandy lime		4300
Sand		2062	Shale and lime		4423
Shale and sand		2150	Shale		4500
Shale, shells and sand		2266	Shale and lime		4812
Sand		2300	Shale, lime and sand		4830
Cored 2300-20 - sand		2320	Sand, lime and shale		4833
Cored 2320-25 - sand and sandy lime		2320	Cored 4833-36, sand & shale		4836
Sand and shale		2325	Hard sand and shale		4843
Sand, shale		2416	Sand & shale, slight odor		4860
Shale and shells		2488	Sand, lime and shale		4876
Sand and shale		2551	Shale and lime		4905
Brown shale, lime		2615	Shale, hard sand and lime		4921
Shale and lime		2654	Sand and shale		4981
Shale, lime		2762	Shale, lime		4996
Sandy lime and shale		2820	Shale		5051
Lime and shale		2849	Shale, lime		5068
Shale and sandy lime		2909	Shale		5140
Sandy shale, shale and lime		2939	Shale and lime		5154
Shale and lime		3003	Shale		5323
Black shale and lime		3016	Sand and shale		5363
Shale and lime		3030	Cored 5363-70 - Sand and shale		5370
Shale		3061	Sand, shale, lime		5380
Shale and lime		3070	Shale and sand		5400
Shale and lime		3087	Shale		5415
Shale, lime		3111	Shale and lime		5442
Shale		3130	Shale, lime and sand		5463
Shale and sandy lime		3149	Shale, lime		5465
Shale		3188	Shale		5467
Shale and lime		3277	Sand		5492
Shale		3295	Sand, little lime		5525
Lime and shale		3411	Sand and shale		5542
Shale and lime		3501	Shale		5546
Shale, sandy lime		3516	Black shale		5571
Shale and lime		3545	Shale		5654
Shale		3554	Shale (sand) No odor or taste		5682
Shale and lime		3568	Shale		5723
Shale		3579	Shale, sand, no odor or taste		5747
Sandy lime and sand		3584	Hard sand - no odor or taste - and shale		5766
Cored 3600-16 - sand, shale		3616	Shale		5840
Sand and shale		3667	Shale and lime		5853
Shale and lime		3689	Shale		5896
Shale		3707	Shale - lime and sand, odor and taste		5915
Sand and shale		3731	Shale and lime		5937
Shale, sand and lime		3733	Shale		5944
Lime and shale		3953	Shale and lime		5975
Shale and sand		3980	Shale		5990
(Odor in samples at 3980)			Shale and lime		6009
Cored 3980-90 - Sand & shale		3990	Shale		6035
			Shale and lime		6053
			Sand, shale and lime		6075 T.D.

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Name and title of representative of company

Subscribed and sworn to before me this 15 day of June

194 9

My Commission expires January 20, 1950 666

Notary Public