

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

API NUMBER: 019 26023

Approval Date: 12/10/2013  
Expiration Date: 06/10/2014

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 1S Rge: 2W County: CARTER  
SPOT LOCATION:  S2  NE  SW  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 740 990

Lease Name: TAYLOR Well No: 1-31 Well will be 330 feet from nearest unit or lease boundary.  
Operator Name: MACK ENERGY CO Telephone: 5802525580; 5802525 OTC/OCC Number: 11739 0

MACK ENERGY CO  
P.O. Box 400  
DUNCAN, OK 73534-0400

MACK ENERGY CO.  
P. O. BOX 400  
DUNCAN OK 73534

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

	Name	Depth	Name	Depth
1	CARPENTER	2880	6	
2	MORRIS	3015	7	
3			8	
4			9	
5			10	

Spacing Orders: 385553

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201307365

Special Orders:

Total Depth: 3900

Ground Elevation: 1064

**Surface Casing: 1030**

Depth to base of Treatable Water-Bearing FM: 980

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: GARBER

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

Notes:

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 (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.

019 26023 TAYLOR 1-31

Category

Description

PENDING CD - 201307365

12/9/2013 - G30 - (40) W2 31-1S-2W  
DEL 385553 CRPR, OTHERS  
EXT 378338/354506 CRPR, MRRS, OTHERS  
REC 11/26/13 (M.PORTER)

This permit does not address the right of entry or settlement of surface damages.  
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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.