

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

API NUMBER: 019 25864

Approval Date: 03/18/2013
Expiration Date: 09/18/2013

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 2S Rge: 2W County: CARTER
SPOT LOCATION: NE SW NW SE FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1710 525

Lease Name: BRADEN Well No: 1-6 Well will be 390 feet from nearest unit or lease boundary.
Operator Name: MACK ENERGY CO Telephone: 5802525580 OTC/OCC Number: 11739 0

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

J. PAUL JOHNSON
P.O. BOX 126
FOX OK 73435

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

	Name	Depth	Name	Depth
1	CARPENTER	1775	6	
2	MORRIS	1950	7	
3			8	
4			9	
5			10	

Spacing Orders: 354506

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3000

Ground Elevation: 989

Surface Casing: 1290

Depth to base of Treatable Water-Bearing FM: 1240

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: WELLINGTON

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.

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Category

Description

SPACING - 354506

3/15/2013 - G75 - (40) SE4 6-2S-2W
EXT 68037 MRRS
EXT 70173 CRPR, OTHER
EST OTHER

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