

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

API NUMBER: 139 24589 A

Approval Date: 08/14/2013
Expiration Date: 02/14/2014

Straight Hole Oil & Gas

Amend reason: ADD SOIL FARM PERMIT NUMBER

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 4N Rge: 13ECM County: TEXAS
SPOT LOCATION: SE NE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 940 1028

Lease Name: WEST HOUGH MORROW UNIT Well No: 141 Well will be 940 feet from nearest unit or lease boundary.
Operator Name: WHITING OIL AND GAS CORP Telephone: 4326866758; 4326866 OTC/OCC Number: 17048 0

WHITING OIL AND GAS CORP
400 W ILLINOIS AVE STE 1300
MIDLAND, TX 79701-4310

KENNETH P. & HELEN M. WOODWARD
103 NORTH ALLISON
TEXHOMA OK 73949

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

Name	Depth	Name	Depth
1 MORROW	5975	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 65740

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 6700 Ground Elevation: 3287 **Surface Casing: 1750** Depth to base of Treatable Water-Bearing FM: 420

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: 12000 Average: 5000
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: 1B
Liner required for Category: 1B
Pit Location is BED AQUIFER
Pit Location Formation: OGALLALA

Approved Method for disposal of Drilling Fluids:
A. Evaporation/dewater and backfilling of reserve pit.
D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 13-24218
H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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.

Category	Description
DEEP SURFACE CASING	8/14/2013 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
SPACING - 65740	8/14/2013 - G30 - 3-4N-13ECM X61971/65240/65676 MRRWA X61972/65242 MRWA1 X61973 MRWA2 X61974 MRWKY ALLOW COMMINGLE FROM TWO OR MORE MORROW ZONES IN WEST HOUGH MORROW UNIT

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.