

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

API NUMBER: 139 24598

Approval Date: 11/07/2013
Expiration Date: 05/07/2014

Straight Hole Injection

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 5N Rge: 13ECM County: TEXAS

SPOT LOCATION: NW NE SE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1460 400

Lease Name: WEST HOUGH MORROW UNIT Well No: 203 Well will be 400 feet from nearest unit or lease boundary.

Operator Name: BREITBURN OPERATING LP Telephone: 2132255900 OTC/OCC Number: 23249 0

BREITBURN OPERATING LP
600 TRAVIS ST STE 4800
HOUSTON, TX 77002

BOBBY AND JOHNITA GLODEN
ROUTE 2, BOX 146
GUYMON OK 73942

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

Name	Depth	Name	Depth
1 MORROW A	6157	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 6450 Ground Elevation: 3310 **Surface Casing: 630** Depth to base of Treatable Water-Bearing FM: 580

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.

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

SPACING

11/7/2013 - G30 - N/A - INJECTION WELL

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.

139 24598 WEST HOUGH MORROW UNIT
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