

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

API NUMBER: 139 24621

Approval Date: 02/25/2015
Expiration Date: 08/25/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 1N Rge: 15ECM County: TEXAS

SPOT LOCATION: N2 N2 NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 200 660

Lease Name: HITCH Well No: 1-1H Well will be 200 feet from nearest unit or lease boundary.

Operator Name: BRIGHT HORIZON RESOURCES LLC Telephone: 9188793200 OTC/OCC Number: 23569 0

BRIGHT HORIZON RESOURCES LLC
6120 S YALE AVE STE 900
TULSA, OK 74136-4220

HENRY C. HITCH RANCH TRUST
P.O. BOX 1308
GUYMON OK 73942

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

	Name	Depth	Name	Depth
1	OSWEGO	5623	6	
2	CHEROKEE GROUP	5790	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201500296
201500297

Special Orders:

Total Depth: 10350 Ground Elevation: 3069 **Surface Casing: 700** Depth to base of Treatable Water-Bearing FM: 500

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: 15000 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

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.

HORIZONTAL HOLE 1

Sec 01 Twp 1N Rge 15E County TEXAS

Spot Location of End Point: S2 S2 SW SW

Feet From: SOUTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 5210

Radius of Turn: 580

Direction: 180

Total Length: 4229

Measured Total Depth: 10350

True Vertical Depth: 5920

End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Category	Description
PENDING CD - 201500296	2/25/2015 - G75 - (640)(HOR) 1-1N-15ECM EST OSWG, CHRGP POE TO BHL NLT 660' FB REC 2-17-2015 (MCKEOWN)
PENDING CD - 201500297	2/25/2015 - G75 - (I.O.) 1-1N-15ECM X201500296 OSWG, CHRGP COMPL. INT. NCT 165 TO NL, NCT 165 TO SL, NCT 500 TO WL NO OP. NAMED REC 2-17-2015 (MCKEOWN)