

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

API NUMBER: 125 23821

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

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 8N Rge: 4E

County: POTTAWATOMIE

SPOT LOCATION: N2 NW SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1155 330

Lease Name: LUCY

Well No: 1-12

Well will be 165 feet from nearest unit or lease boundary.

Operator Name: GILLHAM PAUL OIL COMPANY

Telephone: 4059975780

OTC/OCC Number: 18920 0

GILLHAM PAUL OIL COMPANY
PO Box 699
MAUD, OK 74854-0699

PAUL GILLHAM
PO BOX 699
MAUD OK 74854

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

Name	Depth	Name	Depth
1 CALVIN UP	3400	6 MISENER-HUNTON	4320
2 CALVIN LOW	3600	7 VIOLA	4480
3 EARLSBORO UP	3735	8 WILCOX	4560
4 EARLSBORO LOW	3800	9 ARBUCKLE	5560
5 BARTLESVILLE	3900	10	

Spacing Orders: 147153
232125
146238

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201304850

Special Orders:

Total Depth: 6500

Ground Elevation: 1031

Surface Casing: 270

Depth to base of Treatable Water-Bearing FM: 220

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: OSCAR

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874

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
PENDING CD - 201304850	8/1/2013 - G30 - SW4 SW4 12-8N-4E X146238/147153 ERLBU, ERLBL, BRVL X232125 CLVNU, CLVNL, MSRH, VIOL, WLCX, ABKC, OTHER 165 FNL, 330 FWL NO OP. NAMED REC 8/14/13 (M.PORTER, PER ATTORNEY FOR OPERATOR)
SPACING - 146238	8/1/2013 - G30 - (80) W2 W2 12-8N-4E SU NE/SW EST ERLBU, ERLBL, BRVL, HNTN, VIOL, WLCX1, WLCX2 ABCK, OTHERS (VAC HNTN, VIOL, WLCX1, WLCX2 PER 232125)
SPACING - 147153	8/1/2013 - G30 - NPT 146238 TO CORRECT SPACING UNIT SIZE (40) EST ERLBU, ERLBL, BRVL, OTHERS (80) EST HNTN, VIOL, WLCX1, WLCX2, ABCK, OTHERS
SPACING - 232125	8/1/2013 - G30 - (40) W2 NW4 & SW4 12-8N-4E VAC 146238/190403 HNTN, VIOL, WLCX1, WLCX2 VAC OTHERS EXT 42779 MSRH, VIOL, WLCX EXT 190403/195287 CLVNU, CLVNL, ABCK

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