API NUMBER: 085 21240

Oil & Gas

Horizontal Hole

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

Approval Date: 09/15/2014 Expiration Date: 03/15/2015

PERMIT TO DRILL

WELL LOCATION:	Sec:	12	Twp:	6S	Rge:	1W	County:	LOVE	
			$\neg$ $\vdash$	$\overline{}$	$\overline{}$	$\neg$			

SPOT LOCATION: N2 NW NW FEET FROM QUARTER: FROM NORTH FROM WEST SECTION LINES: 200 330

Lease Name: BANKS Well No: 1-12-13XH Well will be 200 feet from nearest unit or lease boundary.

 Operator Name:
 CONTINENTAL RESOURCES INC Number:
 Telephone: 4052349000; 4052349
 OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC

PO BOX 269000

OKLAHOMA CITY, OK 73126-9000

JAMES "JAMIE" ROBERT BANKS

574 ABNER ROAD

OVERBROOK OK 73453

Special Orders:

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

Name Depth Name Depth MISSISSIPPIAN 1 8774 6 2 WOODFORD 9168 7 3 HUNTON 9357 8 4 9 5 10 Spacing Orders: Location Exception Orders: Increased Density Orders:

spacing Orders: No Spacing Location Exception Orders: Increased Density Or

Pending CD Numbers: 201406436

201406438 201406439 201406440

Total Depth: 19230 Ground Elevation: 750 Surface Casing: 3000 Depth to base of Treatable Water-Bearing FM: 1160

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

Type of Mud System: WATER BASED D. One time land application -- (RE

Chlorides May: 3000, Average: 2500

H. SEE MEMO

Chlorides Max: 3000 Average: 2500
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: C

Liner not required for Category: C
Pit Location is BED AQUIFER
Pit Location Formation: ANTLERS

D. One time land application -- (REQUIRES PERMIT)

O. One time land application -- (REQUIRES PERMIT)

P

PERMIT NO: 14-28100

Office of the Conservation Division as to when Surface Casing will be run.

PIT 2 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 250000

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: C

Liner not required for Category: C
Pit Location is BED AQUIFER
Pit Location Formation: ANTLERS

## **HORIZONTAL HOLE 1**

Rge 1W Sec 13 Twp 6S County LOVE SW Spot Location of End Point: S2 SW SW Feet From: SOUTH 1/4 Section Line: 30 Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 8750
Radius of Turn: 478
Direction: 180
Total Length: 9770

Measured Total Depth: 19230
True Vertical Depth: 10071
End Point Location from Lease,
Unit, or Property Line: 30

Notes:

Category Description

DEEP SURFACE CASING 9/8/2014 - G76 - APPROVED CONTINGENT ON (1) NOTIFYING OCC FIELD STAFF IMMEDIATELY

OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING (2) 2-STAGE CEMENTING TOOL TO BE SET AT 100'

**BELOW BTW** 

MEMO 9/8/2014 - G76 - PIT 2 - 20-MIL PIT LINER REQUIRED, OBM RETURNED TO VENDOR, CUTTINGS

PERMITTED PER DISTRICT

PENDING CD - 201406436 9/12/2014 - G72 - (80/640/ 640 HORZ) 12-06S-01W

VAC 210968 HNTN, SCMR, WDFD, OTHERS;

EST (640) MSSP, WDFD, OTHERS;

EST (640 HORZ) HNTN, OTHERS, POE TO BHL NCT 660' FB;

EST (80) OTHERS; REC 9/5/2014 (NORRIS)

PENDING CD - 201406438 9/12/2014 - G72 - (80/640/640 HORZ) 13-06S-01W

VAC 210968 (80) SCMR, WDFD, HNTN, OTHERS

EST (80) OTHERS;

EST (640) MSSP, WDFD, OTHRS;

EST (640 HORZ) HNTN, OTHERS, POE TO BHL NCT 660' FB;

REC 9/5/2014 (NORRIS)

PENDING CD - 201406439 9/12/2014 - G72 - (MULTI) 12 & 13-06S-01W (I.O.)

X 201406436 & 201406438 MSSP, WDFD, HNTN;

SEC 12 48%/SEC 13 52%; NO OPER NAMED; REC 9/5/2014 (NORRIS) Category Description

PENDING CD - 201406440 9/12/2014 - G72 - 12 & 13-6S-1W (E.O.)

X 201406436 & 201406438 MSSP, WDFD, HNTN, OTHER;

SHL NCT 200 FNL NCT 330 FWL;

\*\*COMP INT.(SEC 12) NCT 150 FNL NCT 150 FSL NCT 330 FWL; COMP INT. NCT (SEC 13) NCT 0 FNL NCT 150 FSL NCT 330 FWL;

NO OPER NAMED; REC 9/5/2014 (NORRIS)

\*\*COMP INT. SHOULD BE NCT 0 FSL SEC 12 CORRECTED AT THE HEARING.

WATERSHED STRUCTURE 9/8/2014 - G76 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION

WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580)

276-3867 PRIOR TO DRILLING

Continental

## Well Location Plat

085-21240

Operator: CONTINENTAL RESOURCES, INC. Lease Name and No. : BANKS #1-12-13XH

Footage: 200' FNL - 330' FWL GR. ELEVATION: 750' Good Site? YES

Section: 12 Township: 6S Range: 1W I.M.

County: Love State of Oklahoma

Alternate Loc.: N/A

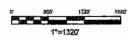
Terrain at Loc. : Stake fell in pasture with timber, Northeast/Southwest powerline to be

removed and replaced South of well.

Accessibility: From the East.

Directions: ±6.0 miles North of the town of Marietta, OK, at the intersection of State Highway 77 and "Oswalt Rd.", go 7.0 miles West on "Oswalt Rd." crossing under I-35 (Exit 21), then go 2.0 miles North on "Abrier Rd." to the Northwest Corner of Section

12-6S-1W

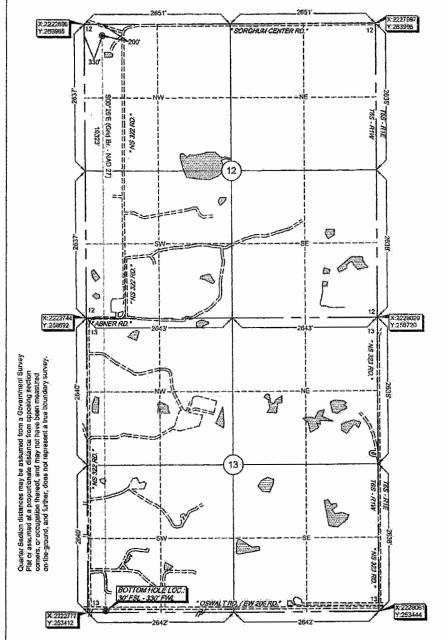


S.H.L. Sec. 12-6S-1W I.M.

GPS DATUM NAD - 27 OK SOUTH ZONE

Surface Hole Loc.: Lat: 34°03'21.27"N Lon: 97°15'49.27"W X: 2223028 Y: 263767

Bottom Hole Loc.: Lat: 34°01'39.15"N Lon: 97°15'49.23"W X: 2223107 Y: 253444



NOTE: X and Y data shown hereon for Secti Corners may NOT have been surveyed on the ground, and further, does NOT represent a true Boundary Survey.

for Section Please note that this location was staked on the ground under the supervision of a Libensed on the ground under the supervision of a Libensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed.

Please contact Artoma Surveying and Mapping promptly if any inconsistency is determined.

GPS data is observed from ETX. GPS.

survey and plat by, Arkoma Surveying and Mapping, PLLC P.O. Box 238 Wilburton, OK 74578 Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348 Expires June 30, 2016

Invoice #4732

Date Staked: 07/07/14 By: J.W. Date Drawn: 07/08/14 By: J.H.

Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

STAN DRANNON OK LPLS 1672

