

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

API NUMBER: 011 23812

Approval Date: 06/06/2017

Expiration Date: 12/06/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 15N Rge: 11W

County: BLAINE

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 240 825

Lease Name: REBA JO

Well No: 1-13H

Well will be 240 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC

Telephone: 4052349020; 4052349

OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC
PO BOX 269000
OKLAHOMA CITY, OK 73126-9000

JERRY D. PIERCE, TRUSTEE
ROUTE 2, BOX 160
WATONGA OK 73772

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

Name	Depth	Name	Depth
1 MISSISSIPPI LIME	10865	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 581931

Location Exception Orders: 664320

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 15705

Ground Elevation: 1488

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 120

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: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 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: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

H. SEE MEMO

F. Haul to Commercial soil farming facility: Sec. 5 Twn. 16N Rng. 10W Cnty. 11 Order No: 652009

G. Haul to recycling/re-use facility: Sec. 18 Twn. 15N Rng. 7W Cnty. 73 Order No: 635589

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 13 Twp 15N Rge 11W County BLAINE

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 10458

Radius of Turn: 490

Direction: 356

Total Length: 4477

Measured Total Depth: 15705

True Vertical Depth: 11000

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

6/2/2017 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

6/2/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

LOCATION EXCEPTION - 664320

6/6/2017 - G60 - (I.O.) 13-15N-11W
X581931 MSSLM
POE TO BHL NCT 150' FSL, NCT 150' FNL, NCT 330' FWL
CONTINENTAL RESOURCES INC.
6/2/17

MEMO

6/2/2017 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 1 - WBM & CUTTINGS TO ORDER # 652009, 5-16N-10W, BLAINE CO; PIT 2 - OBM TO VENDOR, OBM CUTTINGS TO ORDER # 635589, 18-15N-7W, KINGFISHER CO

SPACING - 581931

6/6/2017 - G60 - (640) 13-15N-11W
EXT 579331 MSSLM, OTHERS
EXT OTHERS
EST OTHERS

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.

011 23812 REBA JO 1-13H



Well Location Plat

3501123812

EXHIBIT "A"
 Sec. 13-15N-11W I.M.
 BLAINE COUNTY
 (SHEET 1 OF 2)

Operator : CONTINENTAL RESOURCES, INC.

GPS DATUM
 OK NORTH ZONE

NAD 83

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	285214	1870326	0.0			3/8" IR NWc 13-15N-11W	
21	279939	1870299	0.0			1/2" IR SWc 13-15N-11W	
22	285221	1875622	0.0			3/8" IR NEc 13-15N-11W	
23	279943	1875606	0.0			1/2" IR SEc 13-15N-11W	
50	281260	1871625	0.0	LAT:35°46'19.95"N LON:98°19'35.62"W	LAT:35.77220808 LON:-98.32656134	AC - OTC/OCC NA TEMPLE UNIT 1 OCC STATUS: PA, TVD: -	
51	280139	1870650	0.0	LAT:35°46'08.83"N LON:98°19'47.42"W	LAT:35.76912013 LON:-98.32983777	AC - CLR TANNER #1-13H OCC STATUS: AC, TVD: 11619'	
52	283898	1871639	0.0	LAT:35°46'46.04"N LON:98°19'35.56"W	LAT:35.77945467 LON:-98.32654556	AC - OTC/OCC NA TANNER 1-13 OCC STATUS: PA, TVD: 9963'	
53	282831	1874284	0.0	LAT:35°46'35.57"N LON:98°19'03.42"W	LAT:35.77654721 LON:-98.31761598	AC - OTC/OCC NA HESSEL 1 OCC STATUS: PA, TVD: 9925'	
54	281263	1874938	0.0	LAT:35°46'20.08"N LON:98°18'55.42"W	LAT:35.77224526 LON:-98.31539536	AC - PETROLEUM WASTE REC. HESSEL UNIT 1 OCC STATUS: PA, TVD: 10038'	
100	280180	1871125	1505.7	LAT:35°46'09.25"N LON:98°19'41.65"W	LAT:35.76923546 LON:-98.32823638	A. REBA JO #1-13H 240' FSL - 825' FWL	1506.9
200	280659	1870632	0.0	LAT:35°46'13.97"N LON:98°19'47.65"W	LAT:35.77054845 LON:-98.32990214	A. HEEL SLOT 720' FSL - 330' FWL	
300	285164	1870655	0.0	LAT:35°46'58.53"N LON:98°19'47.55"W	LAT:35.78292460 LON:-98.32987572	A. BOTTOM HOLE LOCATION 50' FNL - 330' FWL	

GPS DATUM
 OK NORTH ZONE

NAD 27

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	285190	1901926	0.0			3/8" IR NWc 13-15N-11W	
21	279915	1901899	0.0			1/2" IR SWc 13-15N-11W	
22	285197	1907222	0.0			3/8" IR NEc 13-15N-11W	
23	279919	1907206	0.0			1/2" IR SEc 13-15N-11W	
50	281236	1903225	0.0	LAT:35°46'19.79"N LON:98°19'34.38"W	LAT:35.77216354 LON:-98.32621648	AC - OTC/OCC NA TEMPLE UNIT 1 OCC STATUS: PA, TVD: -	
51	280115	1902250	0.0	LAT:35°46'08.67"N LON:98°19'46.17"W	LAT:35.76907549 LON:-98.32949284	AC - CLR TANNER #1-13H OCC STATUS: AC, TVD: 11619'	
52	283874	1903239	0.0	LAT:35°46'45.88"N LON:98°19'34.32"W	LAT:35.77941033 LON:-98.32620054	AC - OTC/OCC NA TANNER 1-13 OCC STATUS: PA, TVD: 9963'	
53	282807	1905884	0.0	LAT:35°46'35.41"N LON:98°19'02.18"W	LAT:35.77650286 LON:-98.31727139	AC - OTC/OCC NA HESSEL 1 OCC STATUS: PA, TVD: 9925'	
54	281239	1906538	0.0	LAT:35°46'19.92"N LON:98°18'54.18"W	LAT:35.77220081 LON:-98.31505097	AC - PETROLEUM WASTE REC. HESSEL UNIT 1 OCC STATUS: PA, TVD: 10038'	
100	280156	1902725	1505.7	LAT:35°46'09.09"N LON:98°19'40.41"W	LAT:35.76919083 LON:-98.32789151	A. REBA JO #1-13H 240' FSL - 825' FWL	1506.9
200	280635	1902232	0.0	LAT:35°46'13.81"N LON:98°19'46.41"W	LAT:35.77050384 LON:-98.32955717	A. HEEL SLOT 720' FSL - 330' FWL	
300	285140	1902255	0.0	LAT:35°46'58.37"N LON:98°19'46.31"W	LAT:35.78288033 LON:-98.32953047	A. BOTTOM HOLE LOCATION 50' FNL - 330' FWL	

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, 2018

Invoice #6280-C

Date Staked : 05/26/17 By : R.H.

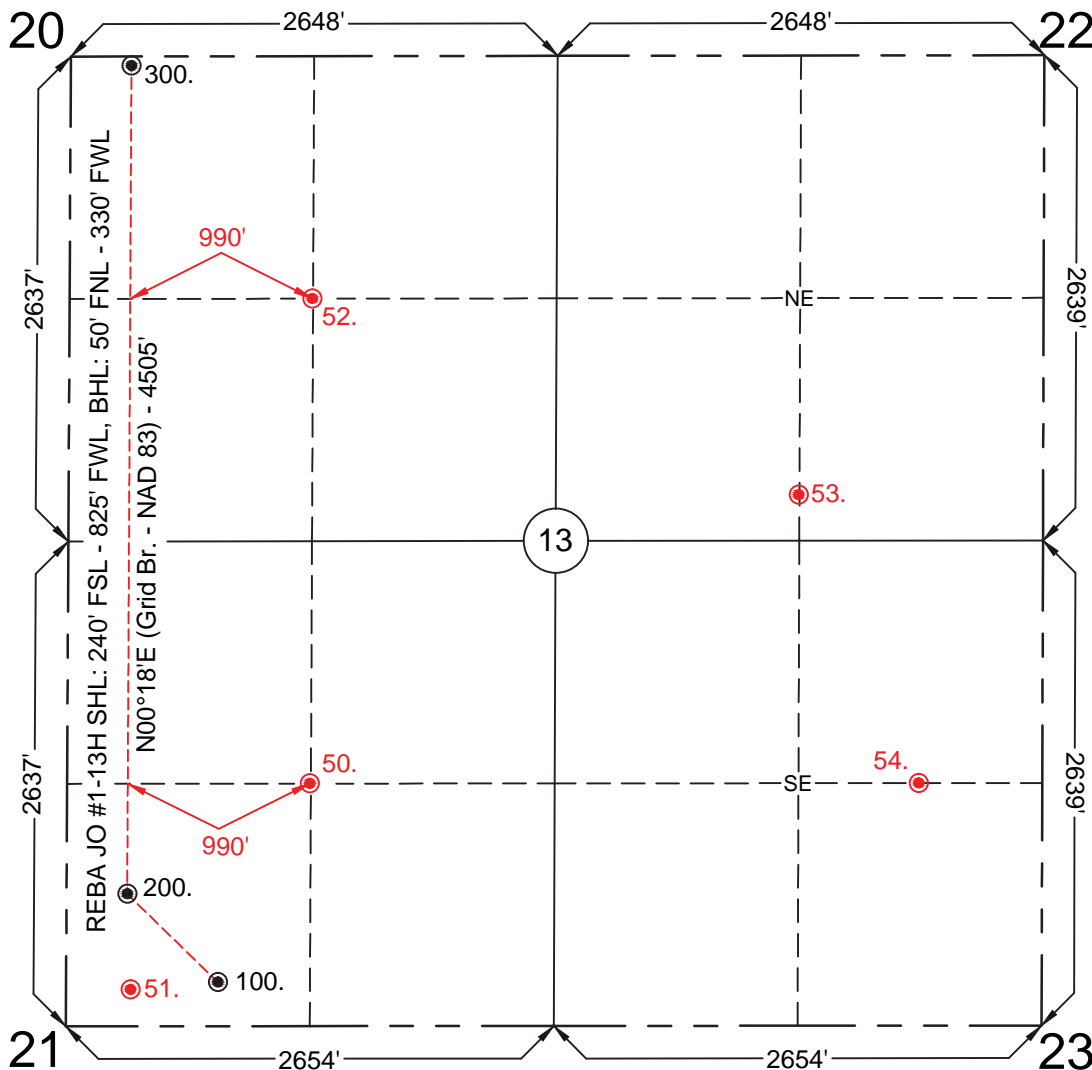
Date Drawn : 06/01/17 By : J.H.



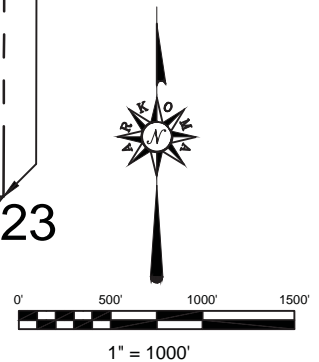
Well Location Plat

Operator : CONTINENTAL RESOURCES, INC.

EXHIBIT "A"
Sec. 13-15N-11W I.M.
BLAINE COUNTY
(SHEET 2 OF 2)



Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.
NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.
Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed.
Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined.
GPS data is observed from RTK - GPS.



GPS DATUM
NAD - 27
NAD - 83
OK NORTH ZONE

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, 2018

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.

Invoice #6280-C
Date Staked : 05/26/17 By : R.H.
Date Drawn : 06/01/17 By : J.H.

Lance G. Mathis 06/01/17
LANCE G. MATHIS OK LPLS 1664

