

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

API NUMBER: 011 24156

Approval Date: 01/07/2019

Expiration Date: 07/07/2020

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

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

County: BLAINE

SPOT LOCATION: ☐ NE ☐ NE ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 287 1100

Lease Name: REBA JO

Well No: 2-13-24XHM

Well will be 287 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 268870
OKLAHOMA CITY, OK 73126-9000

BIBIANNA B. TANNER REVOCABLE TRUST
1512 SOUTH PARK STREET
SAPULPA OK 74066

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

| | Name | Depth | Name | Depth |
|---|------------------|-------|------|-------|
| 1 | MISSISSIPPIAN | 11230 | 6 | |
| 2 | MISSISSIPPI LIME | 11478 | 7 | |
| 3 | | | 8 | |
| 4 | | | 9 | |
| 5 | | | 10 | |

Spacing Orders: 648028
581931

Location Exception Orders:

Increased Density Orders: 678693

Pending CD Numbers: 201810010
201810012
201810011

Special Orders:

Total Depth: 21268

Ground Elevation: 1522

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 80

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

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

PERMIT NO: 18-36016

H. SEE MEMO

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 24 Twp 15N Rge 11W County BLAINE

Spot Location of End Point: SE SE SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1100

Depth of Deviation: 10835

Radius of Turn: 409

Direction: 180

Total Length: 9790

Measured Total Depth: 21268

True Vertical Depth: 11478

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

Notes:

Category

Description

DEEP SURFACE CASING

12/29/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

12/29/2018 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

INCREASED DENSITY - 678693

1/4/2019 - G75 - 13-15N-11W
X581931 MSSLM
6 WELLS
CONTINENTAL RESOURCES, INC.
6-4-2018

INTERMEDIATE CASING

12/29/2018 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES

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 24156 REBA JO 2-13-24XHM

| Category | Description |
|------------------------|--|
| MEMO | 12/29/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT |
| PENDING CD - 201810010 | 1/4/2019 - G75 - 24-15N-11W X648028 MSSP 1 WELL NO OP. NAMED REC 12-18-2018 (DENTON) |
| PENDING CD - 201810011 | 1/4/2019 - G75 - (I.O.) 13 & 24-15N-11W EST MULTIUNIT HORIZONTAL WELL X581931 MSSLM 13-15N-11W X648028 MSSP 24-15N-11W 50% 13-15N-11W 50% 24-15N-11W CONTINENTAL RESOURCES, INC. REC 12-18-2018 (DENTON) |
| PENDING CD - 201810012 | 1/4/2019 - G75 - (I.O.) 13 & 24-15N-11W X581931 MSSLM 13-15N-11W X648028 MSSP 24-15N-11W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELL COMPL. INT. (13-15N-11W) NCT 150' FNL, NCT 0' FSL, NCT 660' FWL COMPL. INT. (24-15N-11W) NCT 0' FNL, NCT 150' FSL, NCT 660' FWL NO OP. NAMED REC 12-18-2018 (DENTON) |
| SPACING - 581931 | 1/4/2019 - G75 - (640) 13-15N-11W EXT OTHER EXT 579331 MSSLM, OTHERS EST OTHERS |
| SPACING - 648028 | 1/4/2019 - G75 - (640) 24-15N-11W EXT OTHERS EST MSSP |

EXHIBIT: A (1 of 3)
SHEET: 8.5x11
SHL: 13-15N-11W
BHL-2 24-15N-11W



API 011-24156

COVER SHEET

CONTINENTAL RESOURCES, INC.

P.O. BOX 26900 OKLAHOMA CITY, OK 73126 * (T) 1-800-256-8955 (F) 405-234-9253

Section 13 Township 15N Range 11W I.M.

Well: REBA JO 2-13-24XHM

County BLAINE State OK

Well: --

Operator CONTINENTAL RESOURCES, INC.

NAD-83

| POINT | WELL NAME | NORTHING | EASTING | LATITUDE LONGITUDE | LATITUDE LONGITUDE | | EXISTING ELEVATION | DESIGN ELEVATION |
|-------|----------------------|----------|---------|-------------------------------------|-------------------------|---|-----------------------|---------------------|
| W2 | REBA JO 2-13-24XHM | 284929 | 1871425 | 35° 46' 56.23" -98° 19' 38.21" | 35.782285 -98.327280 | 287' FNL / 1100' FWL (NW/4 SEC 13) | 1521.46' | 1522.07' |
| LP-2 | LANDING POINT | 284734 | 1871423 | 35° 46' 54.30" -98° 19' 38.22" | 35.781749 -98.327282 | 482' FNL / 1100' FWL (NW/4 SEC 13) | -- | -- |
| BHL-2 | BOTTOM HOLE LOCATION | 274711 | 1871378 | 35° 45' 15.17" -98° 19' 38.36" | 35.754215 -98.327322 | 50' FSL / 1100' FWL (SW/4 SEC 24) | -- | -- |
| X-1 | TEMPLE UNIT #1 | 281260 | 1871625 | 35° 46' 19.95" -98° 19' 35.62" | 35.772208 -98.326562 | 13-15N-11W:SW4 TD: 9,925' 1,320' FSL / 1,320' FWL | -- | -- |
| X-2 | TANNER #1-13 | 283898 | 1871639 | 35° 46' 46.04" -98° 19' 35.56" | 35.779456 -98.326545 | 13-15N-11W:NW4 TD: 9,926' 1,320' FSL OF 1/4 SEC. / 1,320' FWL | -- | -- |
| X-3 | HESSEL #1 | 282831 | 1874284 | 35° 46' 35.57" -98° 19' 31.7616" | 35.776548 -98.317616 | 13-15N-11W:S2S2NE4 TD: 9,925' 250' FSL OF 1/4 SEC. / 1,320' FWL OF 1/4 SEC. | -- | -- |
| X-4 | HESSEL UNIT B-1 | 281262 | 1874938 | 35° 46' 20.08" -98° 18' 55.42" | 35.772243 -98.315395 | 13-15N-11W:E2SE4 TD: 10,038' 1,320' FNL OF 1/4 SEC. / 1,980' FWL OF 1/4 SEC. | -- | -- |
| X-5 | TANNER #1-13H | 280139 | 1870649 | 35° 46' 08.83" -98° 19' 47.42" | 35.769120 -98.329839 | 13-15N-11W:SE4SW4SW4SW4 TD: 16,455' 200' FSL / 350' FWL | -- | -- |
| X-6 | REBA JO #1-13H | 280180 | 1871124 | 35° 46' 09.25" -98° 19' 41.65" | 35.769235 -98.328237 | 13-15N-11W:SW4SE4SW4SW4 TD: 15,705' 240' FSL / 825' FWL | -- | -- |
| X-7 | KELLY UNIT #C-1 | 277441 | 1871609 | 35° 45' 42.18" -98° 19' 35.67" | 35.761716 -98.326575 | 24-15N-11W:S2S2NW4 TD: 10,100' 140' FSL OF 1/4 SEC. / 1,320' FWL | -- | -- |
| X-8 | KELLY UNIT #C-2 | 278623 | 1874088 | 35° 45' 53.95" -98° 19' 05.63" | 35.764985 -98.318230 | 24-15N-11W:NE4 TD: 10,100' 1,320' FSL OF 1/4 SEC. / 1,140' FWL OF 1/4 SEC. | -- | -- |
| X-9 | WALKER #1-24 | 275322 | 1870940 | 35° 45' 21.20" -98° 19' 43.69" | 35.755888 -98.328804 | 24-15N-11W:SW4SW4 TD: 10,100' 660' FSL / 660' FWL | -- | -- |
| X-10 | JALOU 1-25-36XHM | 275680 | 1873224 | 35° 45' 24.82" -98° 19' 15.99" | 35.756895 -98.321109 | 24-15N-11W:NW4NW4SW4SE4 TD: 21,390' 1,022' FSL / 2,352' FEL | -- | -- |
| X-11 | JALOU 2-25-36XHM | 275680 | 1873254 | 35° 45' 24.82" -98° 19' 15.63" | 35.756895 -98.321008 | 24-15N-11W:NW4NW4SW4SE4 TD: 21,210' 1,022' FSL / 2,322' FEL | -- | -- |
| X-12 | JALOU 3-25-36XHM | 275452 | 1874805 | 35° 45' 22.61" -98° 18' 56.81" | 35.756281 -98.315780 | 24-15N-11W:SE4NW4SE4SE4 TD: 20,933' 792' FSL / 770' FEL | -- | -- |
| X-13 | JALOU 4-25-36XHM | 275452 | 1874835 | 35° 45' 22.61" -98° 18' 56.44" | 35.756281 -98.315678 | 24-15N-11W:SE4NW4SE4SE4 TD: 20,723' 792' FSL / 740' FEL | -- | -- |

Certificate of Authorization No. 7318

Date Staked: 11-12-18
Date Drawn: 11-1-18



Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

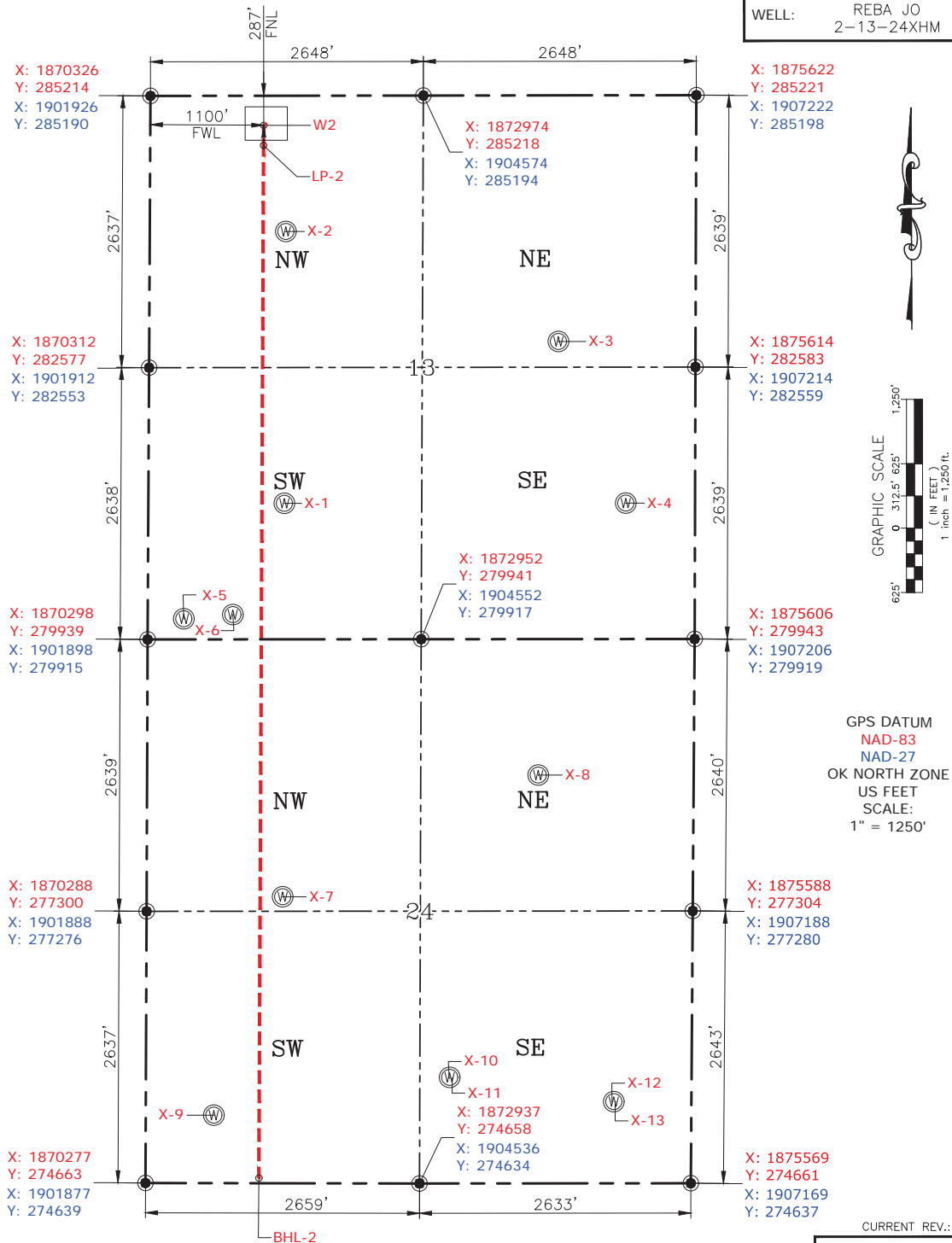
REVISIONS

| No. | DATE | BY | DESCRIPTION | COMMENTS |
|-----|----------|-----|---------------------------|------------------------|
| 00 | 11-1-18 | HOG | ISSUED FOR APPROVAL | -- |
| 01 | 11-13-18 | HOG | LABELED PIPELINE OPERATOR | REV'D EXHIBIT F,H, & I |
| | | | | |
| | | | | |

EXHIBIT: A (3 of 3)SHEET: 8.5x14SHL: 13-15N-11WBHL-2 24-15N-11W**PETRO LAND SERVICES SOUTH, LLC**10400 VINEYARD BLVD, SUITE C, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318

BLAINE

County Oklahoma

287' FNL-1100' FWL Section 13 Township 15N Range 11W I.M.CONTINENTAL
RESOURCES, INC.
(OPERATOR)WELL: REBA JO
2-13-24XHM

CURRENT REV.: 1

Date Drawn: 11-1-18

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 PLS promptly if any inconsistency is determined. GPS data is observed from RTK-GPS. 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. 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.

CERTIFICATE:

I, RANDALL J. BILYEU an Oklahoma Licensed Land Surveyor and an authorized agent of Petro Land Services South, LLC, do hereby certify to the information shown herein.

*Randall J. Bilyeu*

Oklahoma PLS No.1196 DATE