

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

API NUMBER: 051 24484

Approval Date: 09/21/2018

Expiration Date: 03/21/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 8N Rge: 7W

County: GRADY

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 329 338

Lease Name: JC NELSON

Well No: 1-16-9HM

Well will be 329 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

JOHN & CHARLOTTE NELSON, TRUSTEES
106 ST. CHARLES PLACE
CHICKASHA OK 73018

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

| | Name | Depth | Name | Depth |
|---|---------------|-------|------|-------|
| 1 | SPRINGER | 12387 | 6 | |
| 2 | MISSISSIPPIAN | 13567 | 7 | |
| 3 | WOODFORD | 13707 | 8 | |
| 4 | | | 9 | |
| 5 | | | 10 | |

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806840
201806839

Special Orders:

Total Depth: 23561

Ground Elevation: 1157

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 370

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 3000 Average: 2000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

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

PERMIT NO: 18-35348

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

HORIZONTAL HOLE 1

Sec 09 Twp 8N Rge 7W County GRADY

Spot Location of End Point: N2 NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 13108

Radius of Turn: 477

Direction: 1

Total Length: 9704

Measured Total Depth: 23561

True Vertical Depth: 13707

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

Notes:

Category

Description

DEEP SURFACE CASING

9/10/2018 - 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

9/10/2018 - 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

MEMO

9/10/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

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.

051 24484 JC NELSON 1-16-9HM

| Category | Description |
|------------------------|---|
| PENDING CD - 201806839 | <p>9/20/2018 - G75 - (I.O.) 16 & 9-8N-7W X201806840 SPRG, MSSP, WDFD SHL (16-8N-7W) NCT 200' FSL, NCT 400' FEL ** COMPL. INT. (16-8N-7W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (9-8N-7W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL NO OP. NAMED REC 9-11-2018 (MILLER)</p> <p>** ITD HAS SHL AS 338' FEL; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR</p> |
| PENDING CD - 201806840 | <p>9/20/2018 - G75 - (1280/640) 16 & 9-8N-7W VAC 128285 MWSPR 9-8N-7W VAC 632455 SPRG, MSSP, WDFD, OTHER 16-8N-7W EXT (640) OTHER EST (1280)(HOR) SPRG, MSSP, WDFD, OTHER COMPL. INT. (SPRG, MSSP) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL REC 9-11-2018 (MILLER)</p> |

EXHIBIT: A (1 of 2)
SHEET: 8.5x11
SHL: 16-8N-7W
BHL-1 9-8N-7W



API 051-24484

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 16 Township 8N Range 7W I.M.

Well: JC NELSON 1-16-9HM

County GRADY State OK

Well: --

Operator CONTINENTAL RESOURCES, INC.

NAD-83

| POINT | WELL NAME | NORTHING | EASTING | LATITUDE LONGITUDE | LATITUDE LONGITUDE | | EXISTING ELEVATION | DESIGN ELEVATION |
|-------|----------------------|----------|---------|-----------------------------------|-------------------------|--|--------------------|------------------|
| W1 | JC NELSON 1-16-9HM | 665197 | 1987585 | 35° 09' 40.06" -97° 56' 10.15" | 35.161129 -97.936153 | 329' FSL / 338' FEL (SE/4 SEC 16) | 1155.08' | 1156.62' |
| LP-1 | LANDING POINT | 665197 | 1987642 | 35° 09' 40.06" -97° 56' 09.45" | 35.161128 -97.935959 | 329' FSL / 330' FEL (SE/4 SEC 16) | -- | -- |
| BHL-1 | BOTTOM HOLE LOCATION | 675391 | 1987653 | 35° 11' 20.89" -97° 56' 09.25" | 35.189135 -97.935902 | 50' FNL / 330' FEL (NE/4 SEC 9) | -- | -- |
| X-1 | SEIBERT #1 | 672147 | 1984025 | 35° 10' 48.82" -97° 56' 52.97" | 35.180228 -97.948048 | 9-8N-7W:W2SW4 TD: 12,300' 1,980' FSL / 1,320' FWL | -- | -- |

NAD-27

| POINT | WELL NAME | NORTHING | EASTING | LATITUDE LONGITUDE | LATITUDE LONGITUDE | | EXISTING ELEVATION | DESIGN ELEVATION |
|-------|----------------------|----------|---------|-----------------------------------|-------------------------|--|--------------------|------------------|
| W1 | JC NELSON 1-16-9HM | 665155 | 2019181 | 35° 09' 39.84" -97° 56' 08.99" | 35.161066 -97.935830 | 329' FSL / 338' FEL (SE/4 SEC 16) | 1155.08' | 1156.62' |
| LP-1 | LANDING POINT | 665155 | 2019239 | 35° 09' 39.83" -97° 56' 08.29" | 35.161065 -97.935637 | 329' FSL / 330' FEL (SE/4 SEC 16) | -- | -- |
| BHL-1 | BOTTOM HOLE LOCATION | 675349 | 2019250 | 35° 11' 20.66" -97° 56' 08.08" | 35.189073 -97.935579 | 50' FNL / 330' FEL (NE/4 SEC 9) | -- | -- |
| X-1 | SEIBERT #1 | 672105 | 2015622 | 35° 10' 48.60" -97° 56' 51.81" | 35.180166 -97.947725 | 9-8N-7W:W2SW4 TD: 12,300' 1,980' FSL / 1,320' FWL | -- | -- |

Certificate of Authorization No. 7318

Date Staked: 09-07-18
Date Drawn: 09-06-18



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

REVISIONS

| No. | DATE | BY | DESCRIPTION | COMMENTS |
|-----|----------|-----|---------------------|-----------------|
| 00 | 09-06-18 | TJW | ISSUED FOR APPROVAL | -- |
| 01 | 09-10-18 | MJL | UPDATED WELL NAME | REV. ALL SHEETS |
| | | | | |
| | | | | |

EXHIBIT: A (2 of 2)
SHEET: 8.5x14
SHL: 16-8N-7W
BHL-1 9-8N-7W

PETRO LAND SERVICES SOUTH, LLC

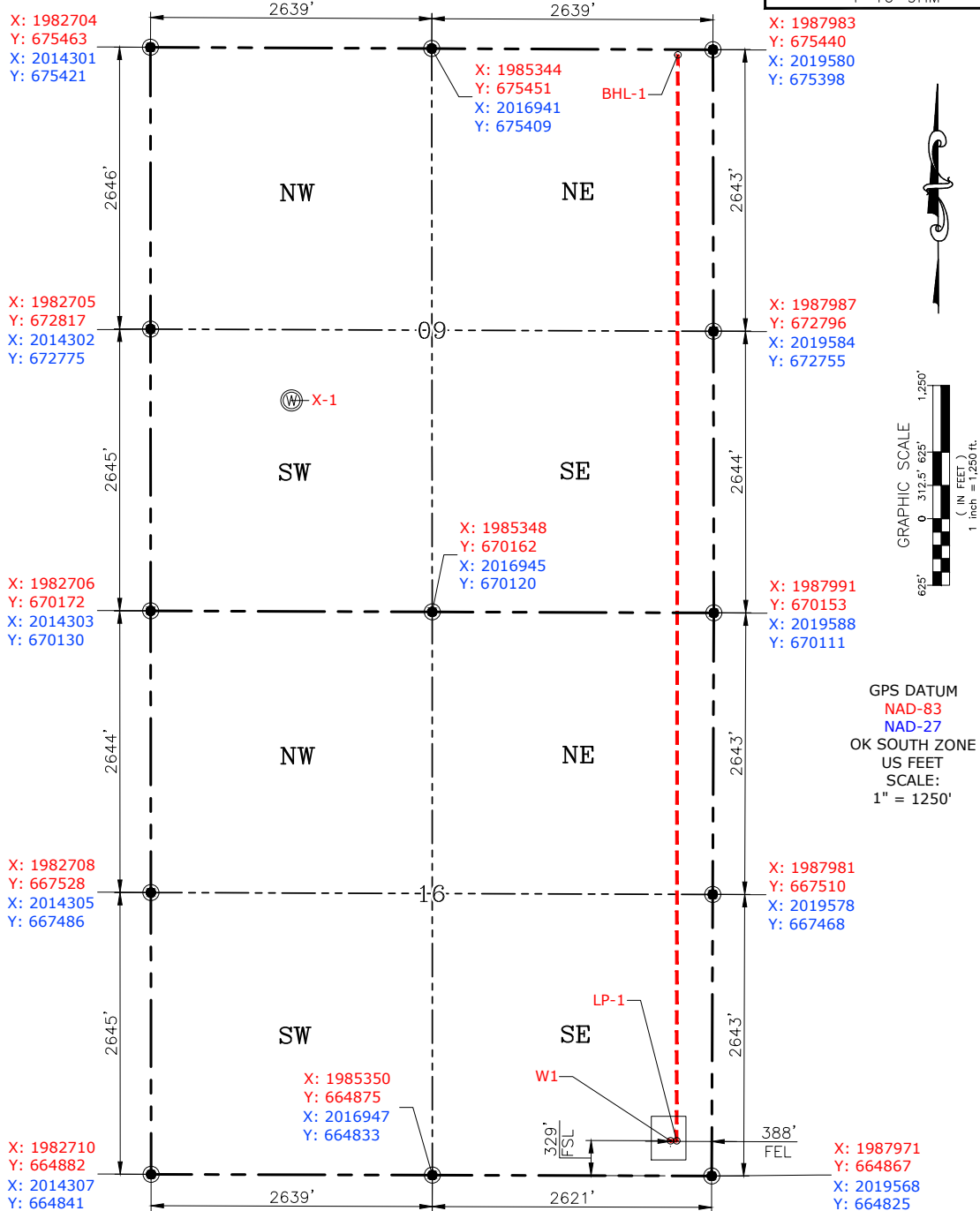
10400 VINEYARD BLVD. SUITE C, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



CONTINENTAL
RESOURCES, INC.
(OPERATOR)

GRADY County Oklahoma
329' FSL-338' FEL Section 16 Township 8N Range 7W I.M.

WELL: JC NELSON
1-16-9HM



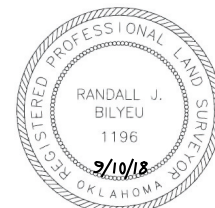
CURRENT REV.: 1

Date Staked: 09-07-18
Date Drawn: 09-06-18

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