

API NUMBER: 039 22586

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

Approval Date: 03/30/2020

Expiration Date: 09/30/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 36 Township: 14N Range: 14W County: CUSTER

SPOT LOCATION: ☐ NE ☐ SE ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 900 300

Lease Name: SWITZER Well No: 1-36-1XHM Well will be 300 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC Telephone: 4052349020; 4052349000; OTC/OCC Number: 3186 0

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

TRIPLE S FARMS LC
246060 E 960 RD
DENNIS SLAGELL
HYDRO OK 73048

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	12960
2	WOODFORD	319WDFD	14900

Spacing Orders: 671535

Location Exception Orders: 710198

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 23705

Ground Elevation: 1715

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 370

Deep surface casing has been approved

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 20-37337

H. SEE MEMO

PIT 1 INFORMATION

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

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

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is 18 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.

HORIZONTAL HOLE 1

Section: 1	Township: 13N	Range: 14W	Total Length: 10363
County: CUSTER			Measured Total Depth: 23705
Spot Location of End Point: S2	S2	SE	SE
Feet From: SOUTH			1/4 Section Line: 50
Feet From: EAST			1/4 Section Line: 660
			End Point Location from Lease, Unit, or Property Line: 50

NOTES:

Category	Description
DEEP SURFACE CASING	3/25/2020 - 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	3/25/2020 - 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
LOCATION EXCEPTION - 710198	3/30/2020 - G56 - (I.O.) 36-14N-14W & 1-13N-14W X672110 MSSP, WDFD*** X671535 MSSP, WDFD COMPL INT NCT 150' FNL, NCT 150' FSL, NCT 330' FEL NO OP NAMED 3/23/2020 *** S/B ONLY X671535 MSSP, WDFD AS SP # 672110 WAS VAC BY SP # 680439; WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR OPERATOR
MEMO	3/25/2020 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 671535	3/30/2020 - G56 - (1280)(HOR) 36-14N-14W & 1-13N-14W VAC 99114 MSCST VAC 130882 CSTR, MSSP EST MSSP, WDFD COMPL INT (MSSP) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL OR FSL, NCT 330' FEL OR FWL
SURFACE CASING	3/25/2020 - G71 - MIN. 500' PER FIELD RULE (ORDER) 42589

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is 18 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.

039 22586 SWITZER 1-36-1XHM

EXHIBIT: A (1 of 2)
 SHEET: 8.5x11
 SHL: 36-14N-14W
 BHL-1 1-13N-14W



COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 36 Township 14N Range 14W I.M.

Well: SWITZER 1-36-1XHM

County CUSTER State OK

Well: ---

Operator CONTINENTAL RESOURCES, INC.

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W1	SWITZER 1-36-1XHM	237425	1780374	35° 39' 01.98" -98° 37' 59.51"	35.650550 -98.633197	900' FNL / 300' FEL (NE/4 SEC 36)	1715.15'	1718.07'
LP-1	LANDING POINT	238179	1780019	35° 39' 09.41" -98° 38' 03.86"	35.652813 -98.634407	150' FNL / 660' FEL (NE/4 SEC 36)	--	--
BHL-1	BOTTOM HOLE LOCATION	227816	1779951	35° 37' 26.92" -98° 38' 03.88"	35.624145 -98.634410	50' FSL / 660' FEL (SE/4 SEC 1)	--	--
X-1	DAWSON-HAWKINS #1-36	237041	1776691	35° 38' 57.94" -98° 38' 44.10"	35.649428 -98.645583	36-14N-14W: TD: 12,800' 1,322' FNL / 1,320' FWL	--	--
X-2	DAWSON #1	237018	1779340	35° 38' 57.88" -98° 38' 12.00"	35.649412 -98.636668	36-14N-14W: TD: 11,250' 1,318' FNL / 1,330' FEL	--	--
X-3	BURL TAYLOR #1	229765	1776652	35° 37' 45.98" -98° 38' 43.99"	35.629438 -98.645554	1-13N-14W: TD: 13,100' 1,970' FSL / 1,320' FWL	--	--

NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W1	SWITZER 1-36-1XHM	237400	1811974	35° 39' 01.80" -98° 37' 58.24"	35.650500 -98.632844	900' FNL / 300' FEL (NE/4 SEC 36)	1715.15'	1718.07'
LP-1	LANDING POINT	238154	1811620	35° 39' 09.23" -98° 38' 02.59"	35.652563 -98.634053	150' FNL / 660' FEL (NE/4 SEC 36)	--	--
BHL-1	BOTTOM HOLE LOCATION	227791	1811551	35° 37' 26.74" -98° 38' 02.61"	35.624095 -98.634058	50' FSL / 660' FEL (SE/4 SEC 1)	--	--
X-1	DAWSON-HAWKINS #1-36	237016	1808292	35° 38' 57.76" -98° 38' 42.83"	35.649378 -98.645229	36-14N-14W: TD: 12,800' 1,322' FNL / 1,320' FWL	--	--
X-2	DAWSON #1	236993	1810941	35° 38' 57.70" -98° 38' 10.73"	35.649382 -98.636314	36-14N-14W: TD: 11,250' 1,318' FNL / 1,330' FEL	--	--
X-3	BURL TAYLOR #1	229740	1808252	35° 37' 45.79" -98° 38' 42.72"	35.629387 -98.645200	1-13N-14W: TD: 13,100' 1,970' FSL / 1,320' FWL	--	--

REVISIONS

No.	DATE	STAKED	BY	DESCRIPTION	COMMENTS
00	3-13-20	3-16-20	HG	ISSUED FOR APPROVAL	--
01	3-17-20	3-16-20	HG	REV'D BHL COORDINATES	REV'D SHEETS A(1&2)

Certificate of Authorization No. 7318



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

EXHIBIT: A (2 of 2)
SHEET: 8.5x14
SHL: 36-14N-14W
BHL-1 1-13N-14W

PETRO LAND SERVICES SOUTH, LLC

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

CUSTER

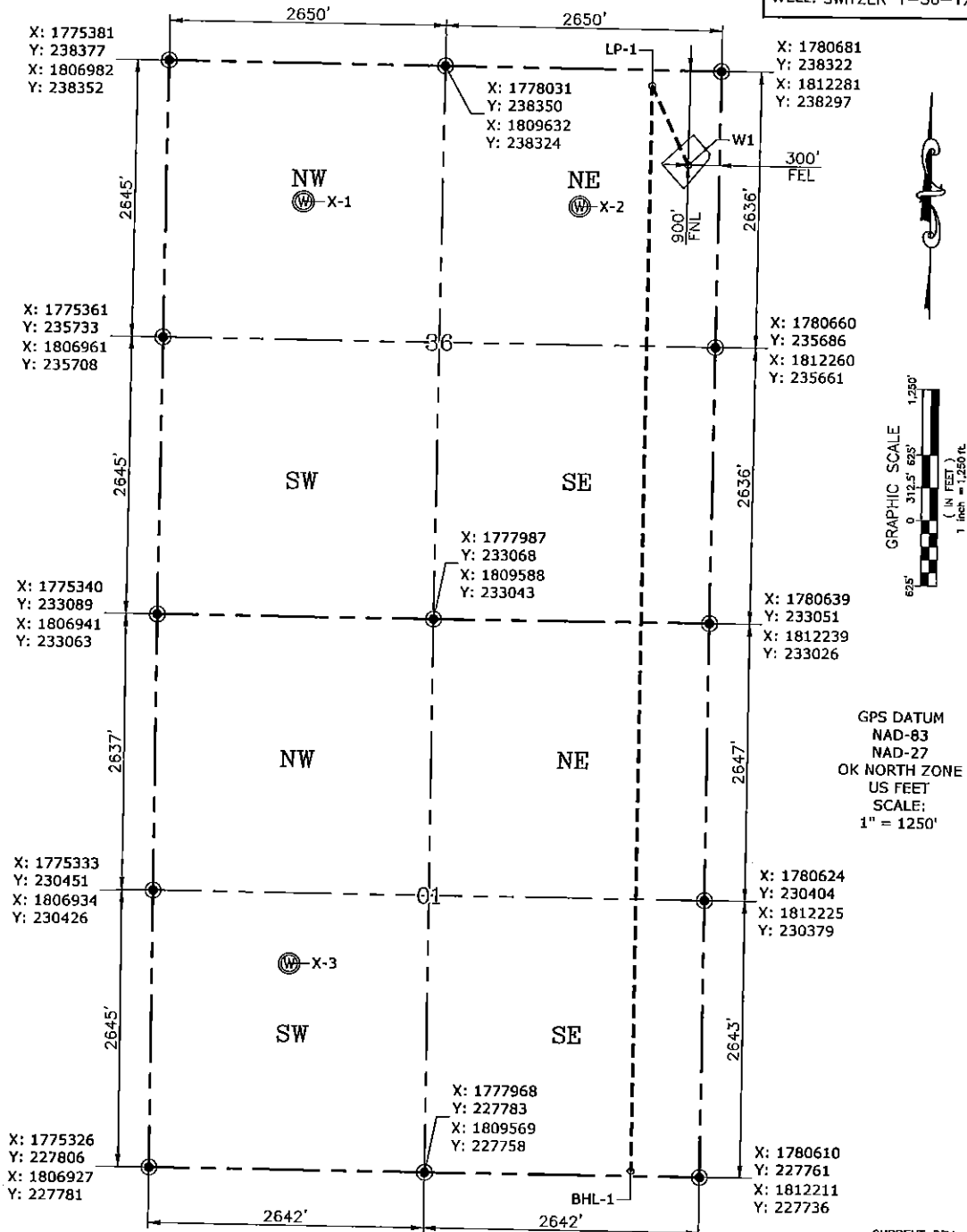
County Oklahoma

900' FNL-300' FEL Section 36 Township 14N Range 14W I.M.



CONTINENTAL
RESOURCES, INC.
(OPERATOR)

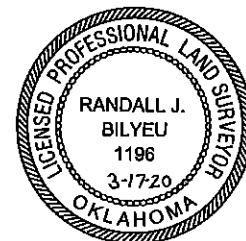
WELL: SWITZER 1-36-1XHM



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.



Oklahoma PLS No.1196 DATE