

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

API NUMBER: 039 22458

Approval Date: 02/05/2015

Expiration Date: 08/05/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 15N Rge: 14W County: CUSTER
SPOT LOCATION: ☐ SE ☐ SW ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 300 475

Lease Name: SHIFFLETT Well No: 1-1-36XH Well will be 300 feet from nearest unit or lease boundary.
Operator Name: CONTINENTAL RESOURCES INC Telephone: 4052349000; 4052349 OTC/OCC Number: 3186 0

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

PRESTON W. & CANDY MASQUELIER
RT 1 BOX 334
FAY OK 73646

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

	Name	Depth	Name	Depth
1	MISSISSIPPI LIME	11900	6	
2	WOODFORD	12700	7	
3	HUNTON	12950	8	
4			9	
5			10	

Spacing Orders: 221768
575410

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201500196
201500197
201500198
201500199

Special Orders:

Total Depth: 22878 Ground Elevation: 1621 Surface Casing: 750 Depth to base of Treatable Water-Bearing FM: 150

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

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: 1B

Liner required for Category: 1B

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-29162
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: ON SITE

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: 3

Liner required for Category: 3

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 36 Twp 16N Rge 14W County DEWEY

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 30

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 12348

Radius of Turn: 478

Direction: 360

Total Length: 9779

Measured Total Depth: 22878

True Vertical Depth: 12950

End Point Location from Lease,
Unit, or Property Line: 30

Notes:

Category

Description

INTERMEDIATE CASING

2/5/2015 - 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

MEMO

2/5/2015 - G71 - PITS 1 & 2 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS HAULED TO DEQ APPROVED FACILITY - PAUL VALLEY LANDFILL (GARVIN) - 3525009 - SOUTHERN PLAINS LANDFILL (GRADY) - 3526013

PENDING CD - 201500196

2/5/2015 - G91 - (E.O.)(640) 1-15N-14W
EXT 221768 MSSLM
EXT 575410 WDFD, HNTN
CONTINENTAL RESOURCES, INC.
REC. 1-23-2015 (M. PORTER)

PENDING CD - 201500197

2/5/2015 - G91 - (E.O.) 1-15N-14W & 36-16N-14W
EST MULTIUNIT HORIZONTAL WELL (SHIFFLETT 1-1-36XH)
X201500196 MSSLM, WDFD, HNTN 1-15N-14W
X221768 MSSLM 36-16N-14W
X575410 WDFD, HNTN 36-16N-14W
(MSSLM, HNTN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD)
50% 1-15N-14W
50% 36-16N-14W
CONTINENTAL RESOURCES, INC.
REC. 1-23-2015 (M. PORTER)

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.

039 22458 SHIFFLETT 1-1-36XH

Category	Description
PENDING CD - 201500198	2/5/2015 - G91 - (E.O.) 1-15N-14W & 36-16N-14W X201500196 MSSLM, WDFD, HNTN 1-15N-14W X221768 MSSLM 36-16N-14W X575410 WDFD, HNTN 36-16N-14W SHL NCT 300 FSL, NCT 475 FWL 1-15N-14W 1ST PERF (1-15N-14W) NCT 150 FSL, NCT 330 FWL LAST PERF (1-15N-14W) NCT 0 FNL, NCT 330 FWL 1ST PERF (36-16N-14W) NCT 0 FSL, NCT 330 FWL LAST PERF (36-16N-14W) NCT 150 FNL, NCT 330 FWL CONTINENTAL RESOURCES, INC. REC. 1-23-2015 (M. PORTER)
PENDING CD - 201500199	2/5/2015 - G91 - (E.O.) 36-16N-14W X575410 WDFD 1 WELL CONTINENTAL RESOURCES, INC. REC. 1-23-2015 (M. PORTER)
SPACING - 221768	2/5/2015 - G91 - (640) 36-16N-14W EST OTHERS EXT 126458 MSSLM, OTHERS EXT OTHERS
SPACING - 575410	2/5/2015 - G91 - (640) 36-16N-14W EST WDFD, HNTN, OTHERS
SURFACE CASING	2/5/2015 - G71 - MIN. 500' PER ORDER 42589

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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.

API 039-22458

Continental

Well Location Plat

S.H.L. Sec. 1-15N-14W I.M.
B.H.L. Sec. 36-16N-14W I.M.

SHOWING FINISHED PAD ELEVATION

Operator: CONTINENTAL RESOURCES, INC.

Lease Name and No.: SHIFFLETT #1-1-36XH

Footage: 300' FSL - 475' FWL PAD ELEVATION: 1621' Good Site? YES

Section: 1 Township: 15N Range: 14W I.M. Final Elev: 1621'

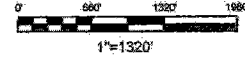
County: Custer State of Oklahoma

Alternate Loc.: N/A

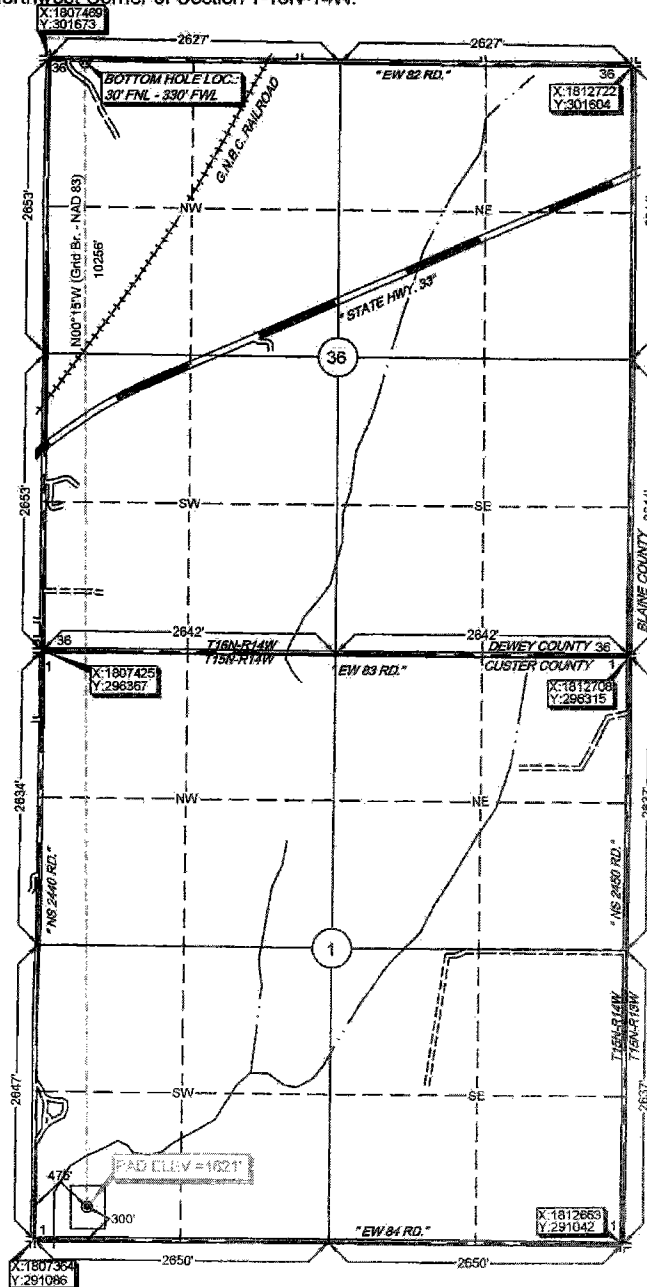
Terrain at Loc.: Stake fell in wheat field.

Accessibility: From the West.

Directions: From the junction of State Highway 54 & State Highway 33 in the town of Thomas, OK, go ±5 miles East on State Highway 33, go East on "EW 83 Road" for ±.5 mile to the Northwest Corner of Section 1-15N-14W.

GPS DATUM
NAD - 27
OK NORTH ZONESurface Hole Loc.:
Lat: 35°47'55.40"N
Lon: 98°38'52.67"W
X: 1807842
Y: 291382Bottom Hole Loc.:
Lat: 35°49'36.63"N
Lon: 98°38'54.03"W
X: 1807799
Y: 301639

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.



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.

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.

survey and plat by,
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030Certificate of Authorization No. 5348
Expires June 30, 2014

Invoice #4171

Date Staked: 11/06/13 By: J.W.

Date Drawn: 11/07/13 By: R.S.

Rev. Date: 09/30/14 By: T.S.

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