API NUMBER: 015 23271

Horizontal Hole Oil & Gas

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

Approval Date: 10/13/2016
Expiration Date: 04/13/2017

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 6N Rge: 9W County: CADDO

SPOT LOCATION: SE SW SE SE FEET FROM QUARTER: FROM **SOUTH** FROM **EAST**
SECTION LINES: **300** **950**

Lease Name: LESSIG **Well No: 1-25H** **Well will be 300 feet from nearest unit or lease boundary.**

Operator Name: **UNIT PETROLEUM COMPANY** Telephone: 9184937700; 9184937 OTC/OCC Number: 16711 0

UNIT PETROLEUM COMPANY
PO BOX 702500
TULSA, OK 74132-5300

PAUL AND LACI LESSIG
40060 COUNTY STREET 2740
CEMENT OK 73017

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

	Name	Depth		Name	Depth
1	HOXBAR	10930	6		
2			7		
3			8		
4			9		
5			10		

Spacing Orders: No Spacing
Location Exception Orders:
Increased Density Orders:

Pending CD Numbers: 201603884
201603886

Special Orders:

Total Depth: 16647 Ground Elevation: 1266 **Surface Casing: 2500** Depth to base of Treatable Water-Bearing FM: 950

Cement will be circulated by use of a two-stage cementing tool from 2500 to 0 .

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

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits
Type of Mud System: WATER BASED
Chlorides Max: 5000 Average: 3000
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 BED AQUIFER
Pit Location Formation: RUSH SPRINGS

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 16-31682
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 BED AQUIFER

Pit Location Formation: RUSH SPRINGS

HORIZONTAL HOLE 1

Sec 25 Twp 6N Rge 9W County CADDO

Spot Location of End Point: SE SW SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 800

Depth of Deviation: 10647

Radius of Turn: 938

Direction: 179

Total Length: 4526

Measured Total Depth: 16647

True Vertical Depth: 11346

End Point Location from Lease,
Unit, or Property Line: 165

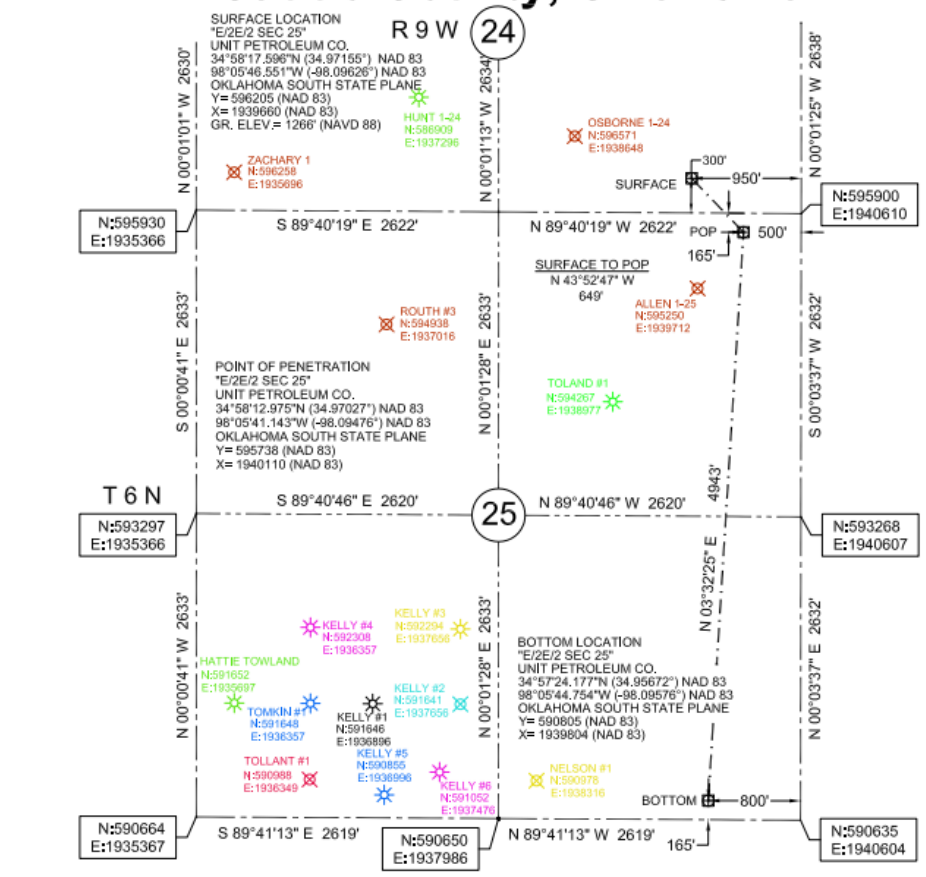
Notes:

Category	Description
DEEP SURFACE CASING	10/12/2016 - 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	10/12/2016 - 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/ 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
MEMO	10/12/2016 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201603884	10/12/2016 - G60 - (640) 25-6N-9W EXT 648005 HXBR COMPL. INT. NLT 660 FB (COEXIST WITH SP. ORDER 383825 HXBRU) REC. 9-26-16 (MCKEOWN)
PENDING CD - 201603886	10/12/2016 - G60 - (I.O.) 25-6N-9W X201603884 HXBR SHL SE4 24-6N-9W COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED REC. 9-26-16 (MCKEOWN)

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.

3501523271

Sections 24 & 25, T 6 N, R 9 W.I.M., Caddo County, Oklahoma.



0' 1200' 2400' 3600'

LEGEND

- SECTION LINE
- 1/4 SECTION LINE
- PLUGGED WELL
- EXISTING WELL
- EXISTING LATERAL
- PROPOSED LATERAL

NOTE: Existing well coordinates are from the OCC web site and were not surveyed in the field.

Datum: NAD 83
Units: US Survey Feet
North: Grid
Coordinates: State Plane
Zone: 3502
State: Oklahoma
Region: South

Description: Surface Hole Location "E/2E/2 Sec 25" situated 300 feet from the south section line and 950 feet from the east section line of Section 24, T 6 N, R 9 W.I.M., Caddo County, Oklahoma.

Description: Point of Penetration "E/2E/2 Sec 25" situated 165 feet from the north section line and 500 feet from the east section line of Section 25, T 6 N, R 9 W.I.M., Caddo County, Oklahoma.

Description: Bottom Location "E/2E/2 Sec 25" situated 165 feet from the south section line and 800 feet from the east section line of Section 25, T 6 N, R 9 W.I.M., Caddo County, Oklahoma.

REGISTERED LAND SURVEYOR
MIKE GOSSETT
L.S. 1748
OKLAHOMA

OKIE811 Know what's below. Call before you dig.

Buried utilities are not necessarily shown. It is the contractor's responsibility to locate and preserve all utility services.

REVISED 08-19-2016: CHANGED SURFACE TO 300' FSL

Survey is valid only if print has original seal and signature of surveyor present

JIVIDENS LAND SURVEY CO., INC.
1210 19TH STREET / P.O. BOX 943
WOODWARD, OKLAHOMA 73802
Phone 580-256-7174 - Fax 844-273-1684
roger@jlvidenslandsurvey.com mike@jlvidenslandsurvey.com

Survey For:
Unit Petroleum Co.
P.O. Box 2726
Woodward, OK 73802
Attn: Jason Rummery

JOB	DATE OF PLAT	SCALE	SHEET
253-16	08-11-2016	1"=1200'	1 OF 4

DRAWN BY C.M.G.

OKLA. CA #2064, EXP. 06/30/2017
KANSAS CA #143, EXP. 12/31/2016