

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

API NUMBER: 015 23300

Approval Date: 07/12/2018

Expiration Date: 01/12/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 8N Rge: 9W

County: CADD0

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 240 985

Lease Name: 5-D 13/12

Well No: 1HXL

Well will be 240 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 74170-2500

SHIRLENE SHEWARD, ET AL
1058 W. TEA OLIVE WAY
MUSTANG OK 73064

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

Name	Depth	Name	Depth
1 HOXBAR	10510	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 120121

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201804312
201804315
201804314
201804800

Special Orders:

Total Depth: 20560

Ground Elevation: 1398

Surface Casing: 1985

Depth to base of Treatable Water-Bearing FM: 250

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: 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)
H. SEE MEMO

PERMIT NO: 18-34619

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 12 Twp 8N Rge 10W County CADDO

Spot Location of End Point: W2 NE NE NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 530

Depth of Deviation: 10110

Radius of Turn: 382

Direction: 350

Total Length: 9850

Measured Total Depth: 20560

True Vertical Depth: 10510

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category

Description

DEEP SURFACE CASING

6/12/2018 - 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

6/12/2018 - 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

6/12/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201804312

6/19/2018 - G57 - (E.O.)(640)(HOR) 12-8N-10W
EXT 593355 HXBR
COMPL. INT. NLT 660' FB
(COEXIST SP. ORDER #120121 HXBR)
UNIT PETRO. CO.
REC 6-29-2018 (JOHNSON)

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.

015 23300 5-D 13/12 1HXL

Category	Description
PENDING CD - 201804314	6/19/2018 - G57 - (E.O.) 13 & 12-8N-10W EST MULTIUNIT HORIZONTAL WELL X201804311 HXBR 13-8N-10W ** X201804312 HXBR 12-8N-10W 50% 13-8N-10W 50% 12-8N-10W NO OP. NAMED REC 6-29-2018 (JOHNSON) ** S/B X120121 HXBR 13-8N-10W; TO BE CORRECTED AT MERIT HEARING ON 7-16-2018 PER ATTORNEY FOR OPERATOR
PENDING CD - 201804315	6/19/2018 - G57 - (E.O.) 13 & 12-8N-10W X201804311 HXBR 13-8N-10W ** X201804312 HXBR 12-8N-10W COMPL. INT. (13-8N-10W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (12-8N-10W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL UNIT PETRO. CO. REC 6-29-2018 (JOHNSON) ** S/B X120121 HXBR 13-8N-10W; TO BE CORRECTED AT MERIT HEARING ON 7-16-2018 PER ATTORNEY FOR OPERATOR
PENDING CD - 201804800	7/12/2018 - G57 - 13-8N-10W X120121 HXBR 1 WELL UNIT PETROLEUM COMPANY REC 7-9-2018 (DUNN)
SPACING - 120121	6/19/2018 - G57 - (640) 13-8N-10W EXT 89268 HXBR, OTHERS



REVISIONS:	DRAWN BY:	JOB:	DATE OF PLAT:	SCALE:	SHEET:
	C.M.G.	073-18	04-25-2018	1"=1500'	1 OF 4
email:mike@onpointsurveyok.com		web:www.onpointlandsurveyok.com			