

API NUMBER: 015 23310 A

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

Approval Date: 04/23/2019

Expiration Date: 10/23/2020

Horizontal Hole Oil & Gas

Amend reason: REVISED BOTTOM HOLE

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 17 Township: 8N Range: 9W County: CADDO

SPOT LOCATION: FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 280 350

Lease Name: CITY OF CHICKASHA Well No: #1-8H Well will be 280 feet from nearest unit or lease boundary.

Operator Name: UNIT PETROLEUM COMPANY Telephone: 9184774489; 9184937700 OTC/OCC Number: 16711 0

UNIT PETROLEUM COMPANY
PO BOX 702500
TULSA, OK 74170-2500CITY OF CHICKASHA
117 N. 4TH STREET
CHICKASHA OK 73018

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

Name	Code	Depth
1 MARCHAND	405MRCD	10450

Spacing Orders: 700951

Location Exception Orders: 704206

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 15825 Ground Elevation: 1219

Surface Casing: 1985

Depth to base of Treatable Water-Bearing FM: 330

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36487

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: ALLUVIAL

Pit Location Formation: ALLUVIUM

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: ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Section: 8 Township: 8N Range: 9W

Total Length: 4949

County: CADDO

Measured Total Depth: 15825

Spot Location of End Point: NW NW NE NW

True Vertical Depth: 10450

Feet From: NORTH 1/4 Section Line: 165

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

Feet From: WEST 1/4 Section Line: 1400

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

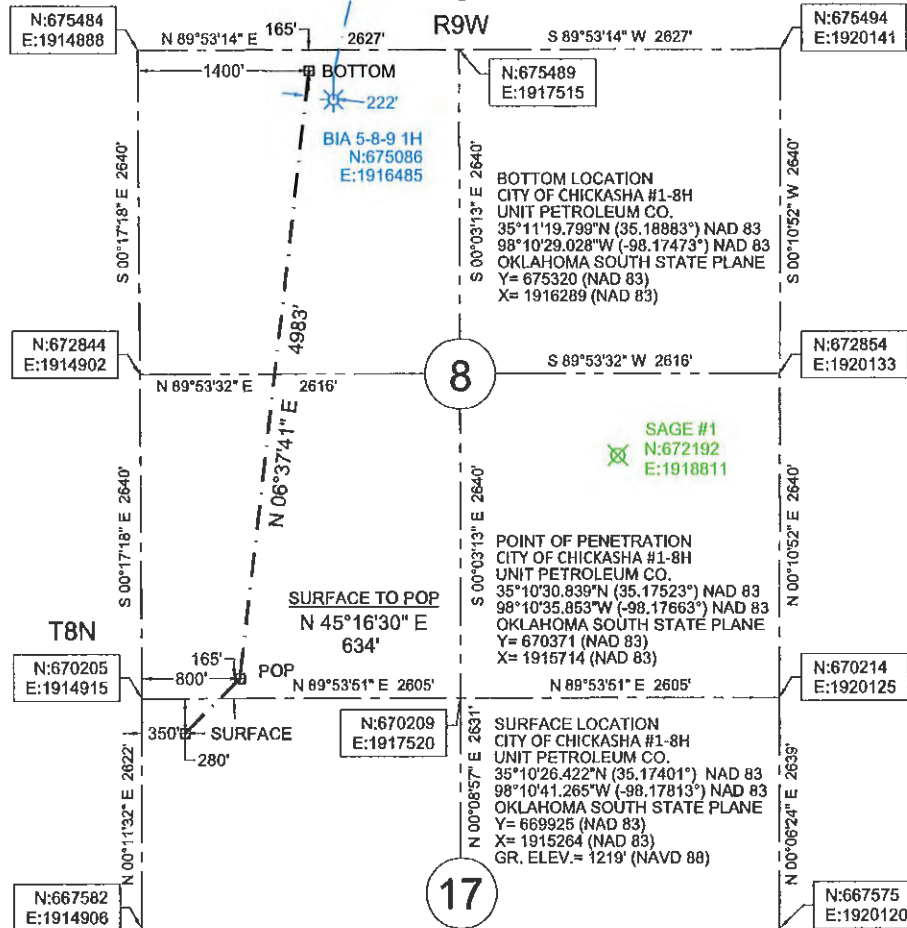
The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1.

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.

NOTES:	
Category	Description
DEEP SURFACE CASING	4/23/2019 - G56 - 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	4/23/2019 - 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 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 GI
LOCATION EXCEPTION - 704206	3/9/2020 - G56 - (I.O.) 8-8N-9W X696558 MRCD*** COMPL INT NCT 165' FSL, NCT 165' FNL, NCT 660' FWL UNIT PETROLEUM COMPANY 10/25/2019 ***S/B X700951 MRCD; WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR OPERATOR
MEMO	4/23/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - SPRING CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 700951	3/9/2020 - G56 - (640)(HOR) 8-8N-9W EXT 683411 MRCD POE TO BHL NLT 660' FB (COEXIST WITH SP # 582266 HXBR)

Sections 8 & 17, T 8 N, R 9 W.I.M., Caddo County, Oklahoma.



Surface Hole Location

City of Chickasha #1-8H situated 280 feet from the north section line and 350 feet from the west section line of Section 17, T 8 N, R 9 W.I.M., Caddo County, Oklahoma.

Point of Penetration

City of Chickasha #1-8H situated 165 feet from the south section line and 800 feet from the west section line of Section 8, T 8 N, R 9 W.I.M., Caddo County, Oklahoma.

Bottom Location

City of Chickasha #1-8H situated 165 feet from the north section line and 1400 feet from the west section line of Section 8, T 8 N, R 9 W.I.M., Caddo County, Oklahoma.



Horiz. Datum: NAD 83
Units: US Survey Feet
North: Grid
Coordinates: State Plane
Zone: 3502
State: Oklahoma
Region: South
Vertical Datum: NAVD 88



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

0' 1200' 2400' 3600'



580-256-6757
ON POINT
Land Survey
1918 MAIN ST. / P.O. BOX 1093
WOODWARD, OKLAHOMA 73801
OKLA, CA #7719, EXP. 06/30/2019

REVISIONS: 02-24-2020		DRAWN BY: C.M.G.	JOB: 067-18	DATE OF PLAT: 11-27-2018	SCALE: 1"=1200'	SHEET: 1 OF 4
EDIT POP AND BOTTOM		email:mike@onpointsurveyok.com web:www.onpointlandsurveyok.com				

1. EXISTING WELL COORDINATES ARE FROM THE OCC WEB SITE AND WERE NOT FIELD LOCATED.
2. UTILITIES SHOWN HEREON ARE FROM OBSERVED EVIDENCE IN THE FIELD.
3. THIS SURVEY IS FOR A WELL LOCATION EXHIBIT ONLY. NOT TO BE USED AS A BOUNDARY SURVEY.
4. DATE OF LAST SITE VISIT: 04-16-2018