

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

API NUMBER: 063 24892

Approval Date: 03/21/2019

Expiration Date: 09/21/2020

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 8N Rge: 10E County: HUGHES

SPOT LOCATION: ☐ SE ☐ NE ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 347 315

Lease Name: PRICE Well No: 2314-2HXM Well will be 315 feet from nearest unit or lease boundary.

Operator Name: ANTIOCH OPERATING LLC

Telephone: 4052360080

OTC/OCC Number: 23947 0

ANTIOCH OPERATING LLC
PO BOX 1557
OKLAHOMA CITY, OK 73101-1557

HARVEY L PRICE
8121 E 129 ROAD
WETUMKA OK 74883

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

	Name	Depth	Name	Depth
1	MAYES	3986	6	
2	MISSISSIPPIAN	4000	7	
3	WOODFORD	4100	8	
4	HUNTON	4166	9	
5	SYLVAN	4178	10	

Spacing Orders: 667058
670240
674531
687000
689126
692205
674531

Location Exception Orders: 674532

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 15000

Ground Elevation: 851

Surface Casing: 290

Depth to base of Treatable Water-Bearing FM: 240

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: 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 BED AQUIFER

Pit Location Formation: CALVIN

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

PERMIT NO: 18-35532

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: CALVIN

HORIZONTAL HOLE 1

Sec 14 Twp 8N Rge 10E County HUGHES

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 440

Depth of Deviation: 3700

Radius of Turn: 665

Direction: 359

Total Length: 10254

Measured Total Depth: 15000

True Vertical Depth: 4665

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

Notes:

Category

Description

HYDRAULIC FRACTURING

10/17/2018 - GA8 - 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 - 674532

3/14/2019 - G58 - (I.O.) 14 & 23-8N-10E
X667058 MSSP, WDFD, SLVN
X670240 MYES, WDFD, HNTN
COMPL. INT. (23-8N-10E) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL
COMPL. INT. (14-8N-10E) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL
NO OP. NAMED
3/12/2018

MEMO

10/17/2018 - GA8 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS REQUIRED PER LITTLE WEWOKA CREEK; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

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

063 24892 PRICE 2314-2HXM

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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.

Category	Description
SPACING - 667058	10/25/2018 - G58 - (640)(HOR) 14-8N-10E VAC 156037 WDFD EST MSSP, WDFD, SLVN POE TO BHL (MSSP) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL POE TO BHL (SLVN) NLT 330' FB
SPACING - 670240	10/25/2018 - G58 - (640)(HOR) 23-8N-10E EST MYES, OTHER EXT 667977 WDFD, OTHER POE TO BHL (MYES) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
SPACING - 674531	3/14/2019 - G58 - (I.O.) 14 & 23-8N-10E EST MULTIUNIT HORIZONTAL WELL X667058 MSSP, WDFD, SLVN X670240 MYES, WDFD, HNTN 50% 14-8N-10E 50% 23-8N-10E NO OP. NAMED 3/12/2018
SPACING - 687000	1/17/2019 - G58 - NPT TO SP ORDER 670240 TO COEXIST SP. ORDER 153048 MSHN; SP. ORDER 185892 HNTN
SPACING - 689126	3/14/2019 - G58 - (640) 23-8N-10E ORDER VACATES SP. ORDER 671322 MSSP, WDFD, HNTN AND CONFIRMS SP. ORDER 670240 MYES, CNEY, WDFD, HNTN
SPACING - 692205	3/14/2019 - G58 - NPT TO SP. ORDER 670240 TO VACATE SP. ORDER 185892/189993 WDFD FOR 23-8N-10E

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