

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

API NUMBER: 017 25029 A

Approval Date: 06/29/2017
Expiration Date: 12/29/2017

Horizontal Hole Oil & Gas

Amend reason: NEED TO AMEND THE SHL, BHL, UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 10N Rge: 6W

County: CANADIAN

SPOT LOCATION: SE NE NW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2201 1256

Lease Name: BRAUM FAMILY 9-4

Well No: 2XH

Well will be 1256 feet from nearest unit or lease boundary.

Operator Name: APACHE CORPORATION

Telephone: 7132966000; 9184914

OTC/OCC Number: 6778 0

APACHE CORPORATION
2000 POST OAK BLVD STE 100
HOUSTON, TX 77056-4700

WHB CATTLE, L.P.
491 C.S. 2880
TUTTLE OK 73089

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

| Name | Depth | Name | Depth |
|------------|-------|------|-------|
| 1 WOODFORD | 9940 | 6 | |
| 2 | | 7 | |
| 3 | | 8 | |
| 4 | | 9 | |
| 5 | | 10 | |

Spacing Orders: 662924
658728
679471

Location Exception Orders: 678320

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 17527

Ground Elevation: 1232

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 210

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 17-32798

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 04 Twp 10N Rge 6W County CANADIAN

Spot Location of End Point: SE NE NW NW

Feet From: NORTH 1/4 Section Line: 378

Feet From: WEST 1/4 Section Line: 1124

Depth of Deviation: 9251

Radius of Turn: 689

Direction: 358

Total Length: 7193

Measured Total Depth: 17527

True Vertical Depth: 9940

End Point Location from Lease,
Unit, or Property Line: 378

Notes:

Category

Description

DEEP SURFACE CASING

6/13/2019 - 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

6/13/2019 - 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

LOCATION EXCEPTION - 678320

6/14/2019 - G56 - (F.O.) 9 & 4-10N-6W
X658728 WDFD 9-10N-6W
X662924 WDFD 4-10N-6W
COMPL INT (9-10N-6W)
FIRST PERF WDFD 2397' FNL, 1078' FWL
LAST PERF WDFD 0' FNL, 1076' FWL
COMPL INT (4-10N-6W)
FIRST PERF WDFD 0' FSL, 1076' FWL
LAST PERF WDFD 457' FNL, 1118' FWL
APACHE CORPORATION
5/25/2018

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.

017 25029 BRAUM FAMILY 9-4 2XH

| Category | Description |
|------------------|---|
| MEMO | 6/13/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT |
| SPACING - 658728 | 6/14/2019 - G56 - (640) 9-10N-6W EXT 242927 WDFD |
| SPACING - 662924 | 6/14/2019 - G56 - (640) 4-10N-6W EXT 658728 WDFD |
| SPACING - 679471 | 6/14/2019 - G56 - (F.O.) 9 & 4-10N-6W EST MULTIUNIT HORIZONTAL WELL X658728 WDFD 9-10N-6W X662924 WDFD 4-10N-6W 33.4% 9-10N-6W 66.6% 4-10N-6W APACHE CORPORATION 6/22/2018 |

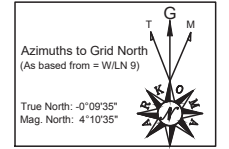
This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Apache Well Location Plat - As-Drilled

S.H.L. Sec. 9-10N-6W I.M.
B.H.L. Sec. 4-10N-6W I.M.

Operator: APACHE CORPORATION
 Lease Name and No. : BRAUM FAMILY 9-4-2XH
 Conductor Pipe Footage : 2201' FSL - 1256' FWL PAD ELEVATION : 1232' (NAVD 88)
 Section: 9 Township: 10N Range: 6W I.M.
 County : Canadian State of Oklahoma
 Alternate Loc. : N/A
 Terrain at Loc. : Location fell on Existing Pad.
 Accessibility : From the South.
 Directions : From the intersection of Highway 81 and Highway 152 in Union City, OK, go 5.0 miles East on Highway 52, then go 2.0 miles South on "Banner Road" to the Northwest Corner of Section 9-10N-6W.

35-017-25029A



0' 660' 1320' 1980'

1"=1320'

GPS DATUM
NAD - 27
OK NORTH ZONE

Conductor Pipe:
Lat: 35°21'16.02"N
Lon: 97°50'37.57"W
X: 2046592
Y: 129062

Point of Penetration:
Lat: 35°21'21.90"N
Lon: 97°50'39.58"W
Lat: 35.356084
Lon: -97.844328
X: 2046424
Y: 129656

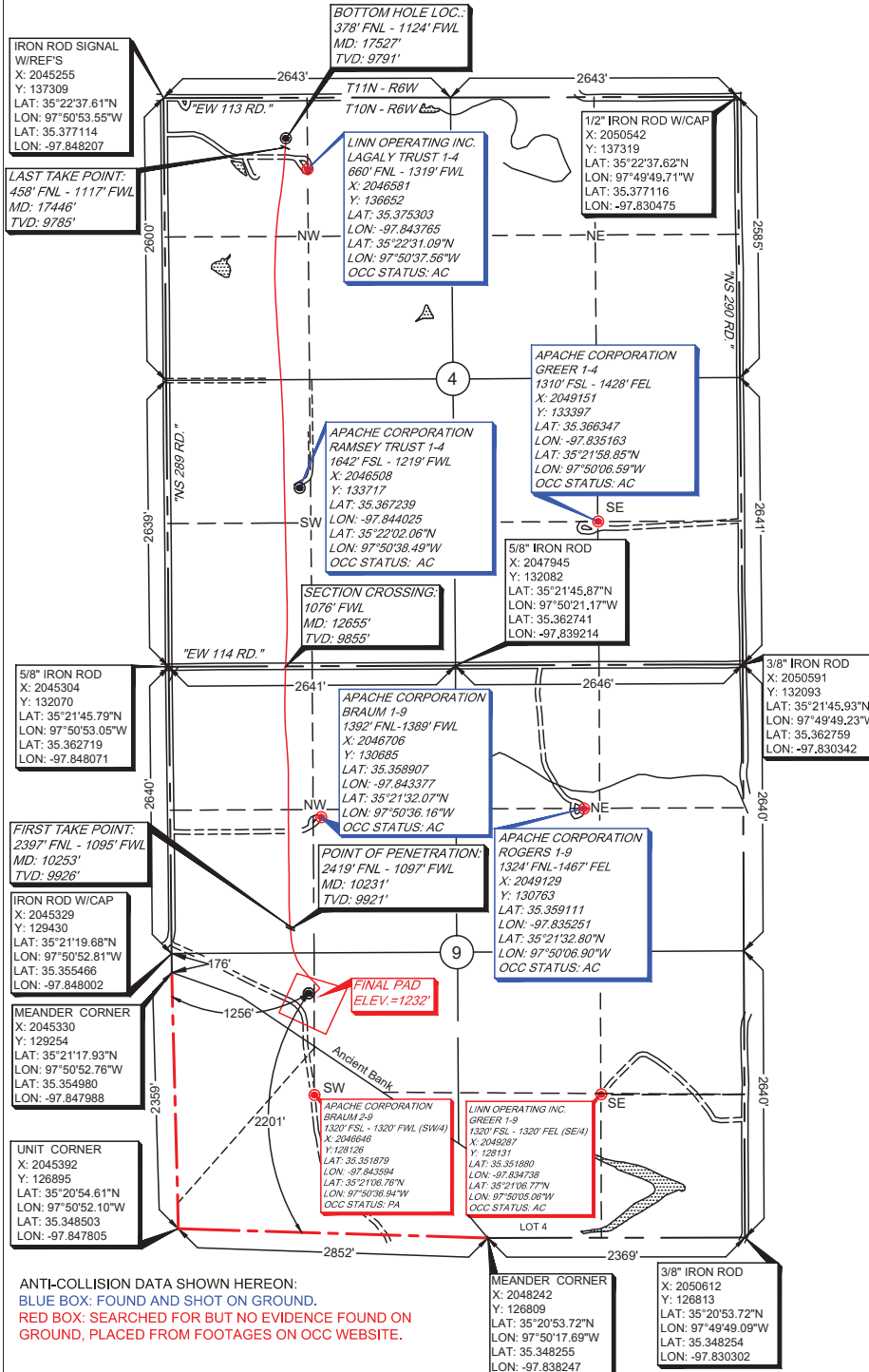
First Take Point:
Lat: 35°21'22.11"N
Lon: 97°50'39.60"W
Lat: 35.356142
Lon: -97.844334
X: 2046422
Y: 129677

Section Crossing:
Lat: 35°21'45.82"N
Lon: 97°50'40.07"W
Lat: 35.362728
Lon: -97.844463
X: 2046380
Y: 132075

Last Take Point:
Lat: 35°22'33.08"N
Lon: 97°50'40.01"W
Lat: 35.375856
Lon: -97.844448
X: 2046377
Y: 136853

Bottom Hole Loc.:
Lat: 35°22'33.88"N
Lon: 97°50'39.94"W
Lat: 35.376077
Lon: -97.844427
X: 2046383
Y: 136934

*Please note that this location was staked on the ground under the supervision of the surveyor. The location is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is obtained 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. The location is assumed to be 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.



ANTI-COLLISION DATA SHOWN HEREON:
 BLUE BOX: FOUND AND SHOT ON GROUND.
 RED BOX: SEARCHED FOR BUT NO EVIDENCE FOUND ON GROUND, PLACED FROM FOOTAGES ON OCC WEBSITE.

survey and plat by,
Arkoma Surveying and Mapping, PLLC
 P.O. Box 238 Wilburton, OK 74578
 Ph. 918-465-5711 Fax 918-465-5030
 Certificate of Authorization No. 5348
 Expires June 30, 2018
 Invoice #6939-B-B-AD
 Date Staked : 06/15/17 By : J.L.
 Date Drawn : 06/19/17 By : R.S.
 Issued As-Drilled : 04/03/18 By : J.H.

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.

Lance G. Mathis
 LANCE G. MATHIS
 OK LPLS 1664

