

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

API NUMBER: 051 24453 A

Approval Date: 08/23/2018

Expiration Date: 02/23/2019

Horizontal Hole Oil & Gas

Amend reason: CORRECT SHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 6N Rge: 6W

County: GRADY

SPOT LOCATION: ☐ NE ☐ NE ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 199 1070

Lease Name: ADAMS 27-34

Well No: 6MXH

Well will be 199 feet from nearest unit or lease boundary.

Operator Name: RED WOLF OPERATING LLC

Telephone: 4054641920

OTC/OCC Number: 24373 0

RED WOLF OPERATING LLC  
801 West Covell Rd  
EDMOND, OK 73003-2179

ADAMS ALFALFA FARMS, INC  
C/O DALE ADAMS  
1222 COUNTY ROAD 1420  
NINNEKAH OK 73067

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	14258	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 666457  
669414

Location Exception Orders: 693177

Increased Density Orders: 702298  
702299

Pending CD Numbers:

Special Orders:

Total Depth: 25000

Ground Elevation: 1043

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 500

Deep surface casing has been approved

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: 18-35142

H. SEE MEMO

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.

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 34 Twp 6N Rge 6W County GRADY

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 650

Depth of Deviation: 13822

Radius of Turn: 573

Direction: 188

Total Length: 10277

Measured Total Depth: 25000

True Vertical Depth: 14970

End Point Location from Lease,  
Unit, or Property Line: 150

Notes:

Category

Description

DEEP SURFACE CASING

8/20/2018 - 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

8/20/2018 - 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](http://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](http://FRACFOCUS.ORG)

INCREASED DENSITY - 702298 (201805830)

12/9/2019 - G56 - 27-6N-6W  
X666457 MSSP  
1 WELL  
RED WOLF NATURAL RESOURCES  
9/17/2019

INCREASED DENSITY - 702299 (201805831)

12/9/2019 - G56 - 34-6N-6W  
X669414 MSSP  
1 WELL  
RED WOLF NATURAL RESOURCES  
9/17/2019

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.

051 24453 ADAMS 27-34 6MXH

LOCATION EXCEPTION - 693177 (201805829)	12/9/2019 - G56 - (I.O.) 27 & 34-6N-6W X666457 MSSP 27-6N-6W X669414 MSSP 34-6N-6W SHL (27-6N-6W) NCT 200' FNL, NCT 1070' FWL COMPL. INT. (27-6N-6W) NCT 150' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (34-6N-6W) NCT 0' FNL, NCT 150' FSL, NCT 330' FWL NO OP NAMED 3/20/2019
MEMO	8/20/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WASHITA RIVER), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 666457	12/9/2019 - G56 - (640)(HOR) 27-6N-6W EST MSSP, OTHERS POE TO BHL (MSSP) NLT 660' FB
SPACING - 669414	12/9/2019 - G56 - (640)(HOR) 34-6N-6W EST MSSP, OTHERS POE TO BHL (MSSP) NLT 660' FB
SPACING - 692653 (201805828)	12/9/2019 - G56 - (I.O.) 27 & 34-6N-6W EST MULTIUNIT HORIZONTAL WELL X666457 MSSP 27-6N-6W X669414 MSSP 34-6N-6W 50% 27-6N-6W 50% 34-6N-6W NO OP NAMED 3/11/2019

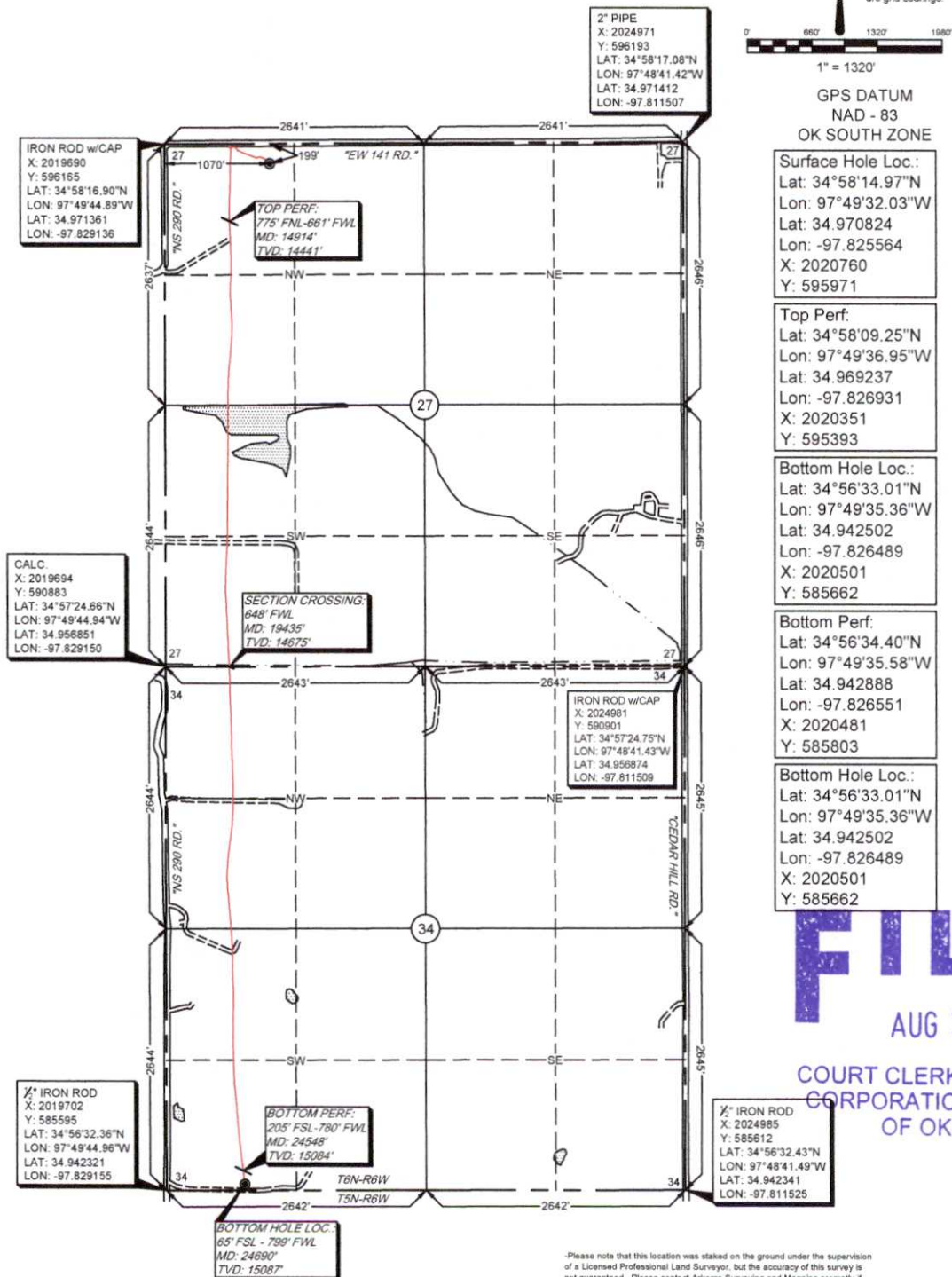
# Apache Well Location Plat - As-Drilled

Operator: APACHE CORPORATION  
Lease Name and No.: ADAMS 27-34-6MXH  
Footage: 199' FNL - 1070' FWL Gr. Elevation: 1048' (NAVD 88)  
Section: 27 Township: 6N Range: 6W I.M.  
County: Grady State of Oklahoma  
Terrain at Loc.: Location fell on existing pad.

S.H.L. Sec. 27-6N-6W I.M.  
B.H.L. Sec. 34-6N-6W I.M.

CD 18-5829

051-24453A



**FILED**  
AUG 30 2019

COURT CLERK'S OFFICE - OKC  
CORPORATION COMMISSION  
OF OKLAHOMA

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, 2020  
Invoice #8567-A-F-AD  
Date Staked: 04/10/19 By: B.A.  
Date Drawn: 07/10/19 By: J.H.  
Corrected Footage Call: 08/06/19 By: R.S.  
Added Perfs: 08/29/19 By: R.S.

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 08/29/19  
OK LPLS 1664