

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

API NUMBER: 051 24491

Approval Date: 10/04/2018
Expiration Date: 04/04/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 7N Rge: 5W County: GRADY
SPOT LOCATION: NE SW NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 960 1870

Lease Name: RICKS Well No: 7-5-4-1H Well will be 50 feet from nearest unit or lease boundary.

Operator Name: NEWFIELD EXPLORATION MID-CON INC Telephone: 2816742521; 9188781 OTC/OCC Number: 20944 0

NEWFIELD EXPLORATION MID-CON INC
24 WATERWAY AVE STE 900
THE WOODLANDS, TX 77380-2764

ALMA RICKS
1515 SILVER OAK DRIVE
BLANCHARD OK 73010

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

Name	Depth	Name	Depth
1 WOODFORD	11456	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201804253
201804254

Special Orders:

Total Depth: 17012 Ground Elevation: 1268 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 400

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? Y

Wellhead Protection Area? Y

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35257

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

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? Y

Wellhead Protection Area? Y

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

HORIZONTAL HOLE 1

Sec 04 Twp 7N Rge 5W County GRADY

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 350

Depth of Deviation: 11074

Radius of Turn: 558

Direction: 350

Total Length: 5061

Measured Total Depth: 17012

True Vertical Depth: 11456

End Point Location from Lease,
Unit, or Property Line: 0

Notes:

Category

Description

HYDRAULIC FRACTURING

8/24/2018 - 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

8/24/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST, WBM/CUTTINGS & OBM CUTTINGS CAPTURED IN STEEL HALF PITS, WBM CUTTINGS WILL BE SOIL FARMED, WBM & OBM CUTTINGS TRANSFERRED TO R360 587498 (31-12N-8W), CANADIAN CO, PIT 2 - OBM TO VENDOR

PENDING CD - 201804253

9/17/2018 - G57 - (640)(HOR) 4-7N-5W
EXT 671658 WDFD, OTHER
EXT OTHER
POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL
REC 8-29-2018 (M. PORTER)

PENDING CD - 201804254

9/17/2018 - G57 - (I.O.) 4-7N-5W
X201804253 WDFD
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL
NEWFIELD EXPLORATION MID-CONTINENT, INC.
REC 8-29-2018 (M. PORTER)

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.

Category

Description

PUBLIC WATER SUPPLY WELLS

8/24/2018 - G71 - MIDDLEBERG SCHOOL - 2 PWS/WPA, SW/4 4-7N-5W

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.

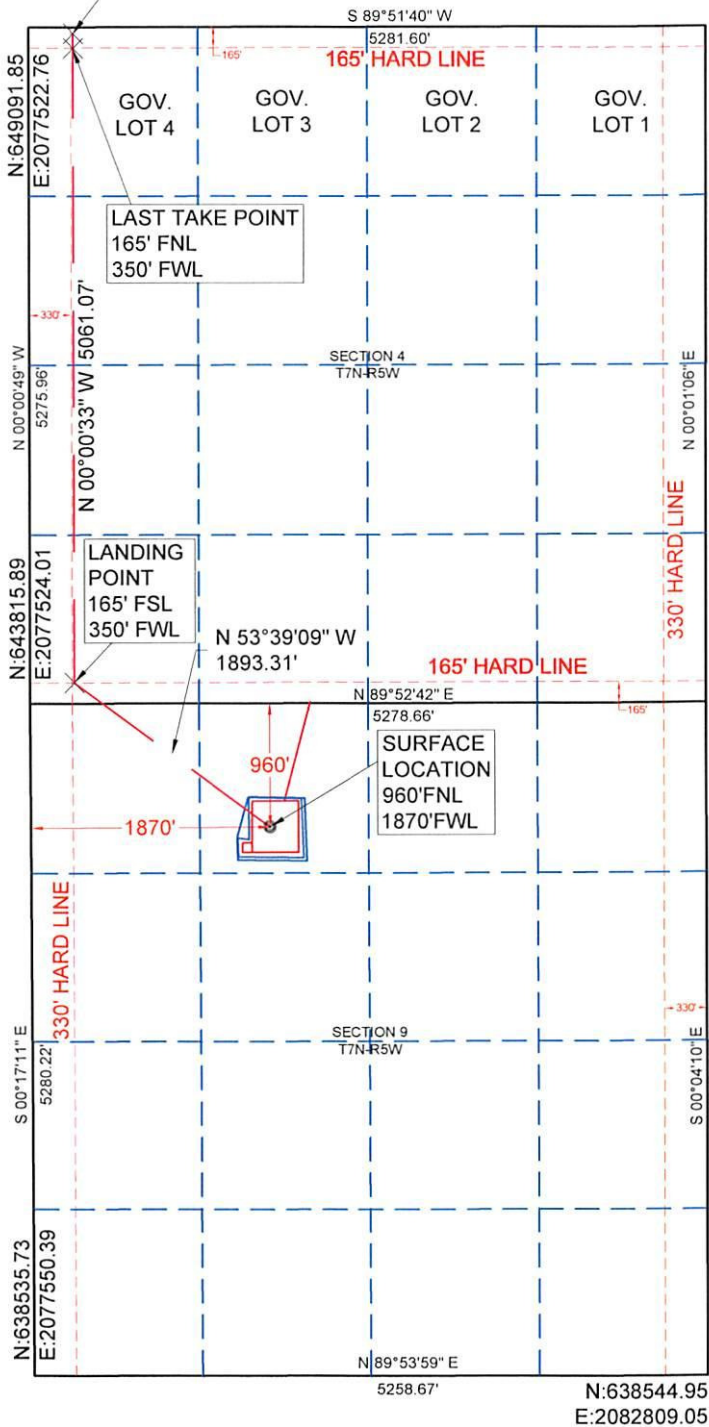
PERMIT PLAT

M & M Land Surveying, Inc.
 Phone (580) 226-0446
 520 E Street N.W.
 Ardmore, OK 73401

API:051 24491

Company Name: **NEWFIELD EXPLORATION MID-CONTINENT INC.**
 Lease Name: RICKS 7-5-4-1H
 Section 9 Township 7 N Range 5 W, I.B.M., County of Grady, State of Oklahoma
 Elevation Good Location?
 Original Location: 960'FNL - 1870'FWL 1268' GROUND YES
 Distance & Direction From Nearest Town: 5.0 miles Southwest of Blanchard

BOTTOM HOLE
 50' FNL
 350' FWL



N:649104.66
 E:2082804.35

SURFACE LOCATION
 DATUM: NAD27
 LAT: 35° 05' 58.34"N
 LONG: 97° 44' 04.47"W
 LAT: 35.099538°N
 LONG: 97.734575°W
 STATE PLANE
 COORDINATES: (US SURVEY FEET)
 ZONE: SOUTH ZONE
 Y (N): 642859.53
 X (E): 2079398.53



DATUM: NAD83
 LAT: 35° 05' 58.58"N
 LONG: 97° 44' 05.61"W
 LAT: 35.099604°N
 LONG: 97.734893°W
 STATE PLANE
 COORDINATES: (US SURVEY FEET)
 ZONE: SOUTH ZONE
 Y (N): 642901.79
 X (E): 2047801.62

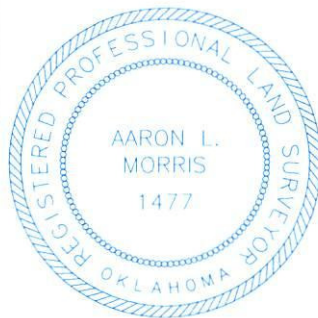
N:643827.10
 E:2082802.66

DATA DERIVED FROM
 G.P.S. WITH O.P.U.S.
 DATA.

This location has been staked according to the best official survey records available to us. The metrical data shown hereon is for permitting the well location and the section location may or may not be field verified. Please review this plat and notify us immediately of any discrepancy.

CERTIFICATE:

I Aaron Morris a Registered Land Surveyor in the State Of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown and that said plat meets or exceeds the Oklahoma Minimum Technical Standards for the practice of land surveying as adopted by the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors.



Aaron L. Morris 07/26/2018

Aaron L. Morris R.P.L.S. No.1477
 Bennett-Morris & Associates
 Land Surveying P.C. ~ C.A. No.
 5795 (LS)
 Phone (580) 226-5108
 Fax (888) 662-7778
 1010 Northwest Boulevard
 Ardmore, OK 73401

SURVEY BY: M & M Land Surveying, Inc. ~ C.A. No. 3093 (LS)	
DRAWING BY: Bennett-Morris And Associates Land Surveying, P.C.	
© COPYRIGHT 2017 C.A. No. 5975 (LS) ~ Aaron L. Morris, RPLS	
PROJECT NUMBER: 18192	SITE VISIT: (Explanation and Date)
SHEET: 6 OF 10	STAKING DATE: 05/02/2018
	DRAWING DATE: 06/29/2018