

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

API NUMBER: 073 26305

Approval Date: 10/05/2018

Expiration Date: 04/05/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 17N Rge: 9W

County: KINGFISHER

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 250 2140

Lease Name: ROSALIE

Well No: 1709 2H-25X

Well will be 250 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

CONNIE SUE GEORGE
82938 N. 2610 RD.
WATONGA OK 73722

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	8664	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 650664

Location Exception Orders:

Increased Density Orders: 683697

683696

Pending CD Numbers: 201805876

201805875

201805907

Special Orders:

Total Depth: 19343

Ground Elevation: 1226

Surface Casing: 620

Depth to base of Treatable Water-Bearing FM: 370

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 25 Twp 17N Rge 9W County KINGFISHER

Spot Location of End Point: NW NW NE NW

Feet From: NORTH 1/4 Section Line: 85

Feet From: WEST 1/4 Section Line: 1540

Depth of Deviation: 8305

Radius of Turn: 477

Direction: 355

Total Length: 10289

Measured Total Depth: 19343

True Vertical Depth: 8664

End Point Location from Lease,
Unit, or Property Line: 85

Notes:

Category

Description

HYDRAULIC FRACTURING

10/1/2018 - 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

INCREASED DENSITY - 683696

10/5/2018 - G75 - 25-17N-9W
X650664 MSSP
4 WELLS
NEWFIELD EXPLOR. MID-CONT. INC.
9-25-2018

INCREASED DENSITY - 683697

10/5/2018 - G75 - 36-17N-9W
X650664 MSSP
4 WELLS
NEWFIELD EXPLOR. MID-CONT. INC.
9-25-2018

INTERMEDIATE CASING

10/1/2018 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES

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

073 26305 ROSALIE 1709 2H-25X

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
MEMO	10/1/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST; WBM, WBM & OBM CUTTINGS CAPTURED IN STEEL HALF PITS & TRANSFERRED TO R360 (ORDER #587498); PIT 2 - OBM TO VENDOR
PENDING CD - 201805875	10/5/2018 - G75 - (I.O.) 36 & 25-17N-9W EST MULTIUNIT HORIZONTAL WELL X650664 MSSP, OTHER 50% 36-17N-9W 50% 25-17N-9W NO OP. NAMED REC 8-14-2018 (DUNN)
PENDING CD - 201805876	10/5/2018 - G75 - (I.O.) 36 & 25-17N-9W X650664 MSSP, OTHER COMPL. INT. (36-17N-9W) NCT 165' FSL, NCT 0' FNL, NCT 1320' FWL COMPL. INT. (25-17N-9W) NCT 0' FSL, NCT 165' FNL, NCT 1320' FWL NO OP. NAMED REC 8-14-2018 (DUNN)
PENDING CD - 201805907	10/5/2018 - G75 - (I.O.) 25-17N-9W X165:10-3-28(C)(2)(B) MSSP (ROSALIE 1709 2H-25X) MAY BE CLOSER THAN 600' TO CARL WEHRENBURG 1 (API 073-23149) NEWFIELD EXPLOR. MID-CONT. INC. REC 8-14-2018 (DUNN)
PUBLIC WATER SUPPLY WELLS	10/1/2018 - G71 - NORTH BLAINE WATER CORP., 2 PWS/WPA, NW4 36-17N-9W
SPACING - 650664	10/5/2018 - G75 - (640)(HOR) 36 & 25-17N-9W EXT 646834 MSSP, OTHER COMPL. INT. NLT 660' FB (COEXIST SP. ORDER # 78599 MNNG, MSSSD 25-17N-9W & ORDER # 114154 MCSTR, MNNG, MSSSD 36-17N-9W)

PERMIT PLAT

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

Company Name: NEWFIELD EXPLORATION MID-CONTINENT INC.

Lease Name: ROSALIE 1709 2H-25X

Section 36 Township 17 N Range 9 W , I.B.M., County of Kingfisher, State of Oklahoma
Elevation Good Location?

Original Location: 250'FSL - 2140'FWL 1226' GROUND YES

Distance & Direction From Nearest Town: 10.5 miles Northwest of Kingfisher

API 073-26305

SURFACE LOCATION

DATUM: NAD27
LAT: 35° 53' 57.15"N
LONG: 98° 06' 48.43"W
LAT: 35.899207°N
LONG: 98.113454°W
STATE PLANE
COORDINATES: (US
SURVEY FEET)
ZONE: NORTH ZONE
Y (N): 327337.62
X (E): 1966396.92

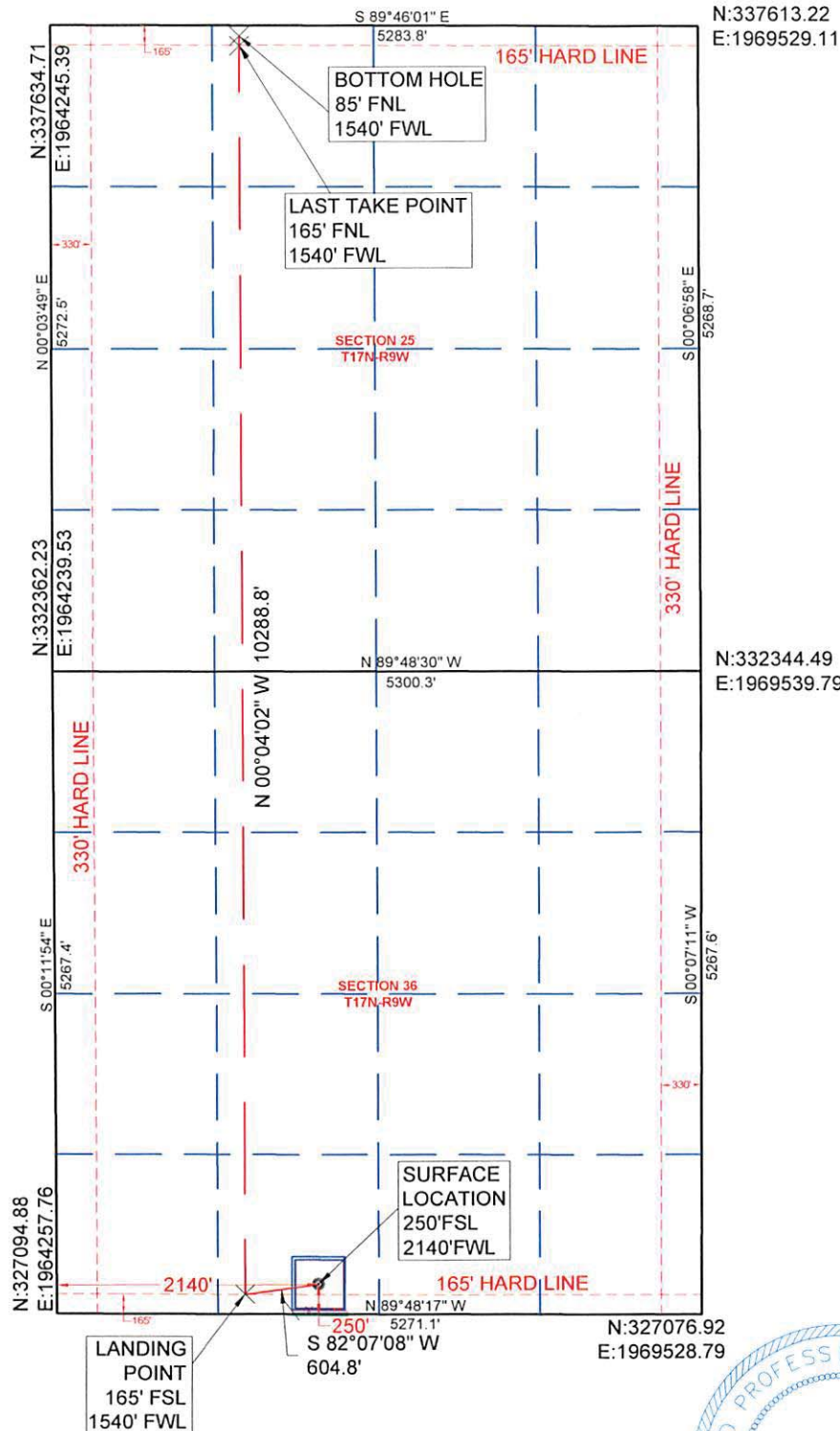
DATUM: NAD83
LAT: 35° 53' 57.29"N
LONG: 98° 06' 49.65"W
LAT: 35.899248°N
LONG: 98.113793°W
STATE PLANE
COORDINATES: (US
SURVEY FEET)
ZONE: NORTH ZONE
Y (N): 327361.31
X (E): 1934797.4

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.

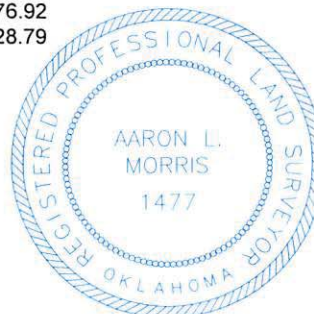
CERTIFICATE:

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.



SCALE 1" = 1500'

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: 18270	SITE VISIT: (Explanation and Date)
SHEET: 6 OF 10	STAKING DATE: 06/27/2018
	DRAWING DATE: 07/12/2018



Aaron L. Morris 07/30/2018

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