API NUMBER: 073 26423

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

Approval Date: 01/11/2019
Expiration Date: 07/11/2020

Well will be 240 feet from nearest unit or lease boundary.

20944 0

OTC/OCC Number:

Horizontal Hole Multi Unit Oil & Gas

PERMIT TO DRILL

VELL LOCATION	Sec:	10	Twp:	16N	Rge:	8W	Coun	ty: KINO	GFISHER				
POT LOCATION	SE	SW	SE	:	SW		FEET FROM QUARTER:	FROM	SOUTH	FROM	WES	эт	
							SECTION LINES:		240		1660)	
Lease Name:	BENGS						v	Vell No:	1608 7H-	3X			
Operator Name:	NEWF	IELD	EXPLO	RATIO	ON MIE)-CO	N INC		Teleph	none:	2816742	2521; 91887	'81

DAVID KRETCHMAR 26786 N. 2845 RD.

KINGFISHER OK 73750

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

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

	Name	Depth	Name	Dep	th
1	MISSISSIPPIAN	8362	6		
2	WOODFORD	8916	7		
3			8		
4			9		
5			10		
Spacing Orders:	637371	Location Exception Orders:		Increased Density Orders:	688073
	640878				688072

Pending CD Numbers: 201807654

201807652

201807653

Total Depth: 18802 Ground Elevation: 1159 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 200

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 AP/TE DEPOSIT
Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35885
E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

Special Orders:

H. SEE MEMO

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 AP/TE DEPOSIT
Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 03 Twp 16N Rge 8W County KINGFISHER

Spot Location of End Point: NE NW NW NW Feet From: NORTH 1/4 Section Line: 85
Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 8109
Radius of Turn: 477
Direction: 350
Total Length: 9944

Measured Total Depth: 18802
True Vertical Depth: 8916
End Point Location from Lease,
Unit, or Property Line: 85

Notes:

Category Description

DEEP SURFACE CASING 11/19/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS

OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR

SURFACE CASING

HYDRAULIC FRACTURING 11/19/2018 - 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 - 688072 1/8/2019 - G75 - 3-16N-8W

X637371 MSSP **

7 WELLS

NEWFIELD EXPLOR. MID-CONT. INC.

12-11-2018

** S/B X637371/640878 MSSP; NUNC PRO TUNC HAS BEEN PREPARED BY ATTORNEY FOR

OPERATOR AND A COPY REVIEWED BY OCC

Category Description

INCREASED DENSITY - 688073 1/8/2019 - G75 - 10-16N-8W

X637371 MSSP **

7 WELLS

NEWFIELD EXPLOR. MID-CONT. INC.

12-11-2018

** S/B X637371/640878 MSSP: NUNC PRO TUNC HAS BEEN PREPARED BY ATTORNEY FOR

OPERATOR AND A COPY REVIEWED BY OCC

INTERMEDIATE CASING 11/19/2018 - 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

MEMO 11/19/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST; WBM

SOIL-FARMED; WBM & OBM CUTTINGS CAPTURED IN STEEL HALF PITS & TRANSFERRED TO

R360 (ORDER #587498); PIT 2 - OBM TO VENDORNDOR

PENDING CD - 201807652 1/8/2019 - G75 - (I.O.) 10 & 3-16N-8W

EST MULTIUNIT HORIZONTAL WELL

X637371 MSSP, WDFD **

(WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSSP)

50% 10-16N-8W 50% 3-16N-8W NO OP. NAMED

REC 10-30-2018 (DUNN)

** S/B X637371/640878 MSSP, WDFD; TO BE CORRECTED AT HEARING FOR FINAL ORDER PER

ATTORNEY FOR OPERATOR

PENDING CD - 201807653 1/8/2019 - G75 - (I.O.) 10 & 3-16N-8W

X637371 MSSP, WDFD **

COMPL. INT. (10-16N-8W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (3-16N-8W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL

NO OP. NAMED

REC 10-30-2018 (DUNN)

** S/B X637371/640878 MSSP, WDFD; TO BE CORRECTED AT HEARING FOR FINAL ORDER PER

ATTORNEY FOR OPERATOR

PENDING CD - 201807654 1/8/2019 - G75 - (I.O.) 10 & 3-16N-8W

X165:10-3-28(C)(2)(B) MSSP (BENGS 1608 7H-3X)

MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELL

NEWFIELD EXPLOR. MID-CONT INC.

REC 10-30-2018 (DUNN)

SPACING - 637371 1/8/2019 - G75 - (640)(HOR) 10 & 3-16N-8W

EXT 626748 MSSP, WDFD

COMPL. INT. (MSSP) NLT 660' FB

COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL

(COEXIST SP. ORDER # 42491 MCSTR & ORDER # 137396 MSSLM 3-16N-8W; ORDER # 91971 MNNG, MSSLM N2, SW4 & ORDER # 91971/196558 MNNG, MSSLM SE4 & ORDER # 198118

MSSNC SW4 10-16N-8W)

SPACING - 640878 1/8/2019 - G75 - NPT 637371 TO ALSO COEXIST SP. ORDER # 281290 UNCCR E2 SE4 3-16N-8W

Company Name: NEWFIELD EXPLORATION MID-CONTINENT INC.

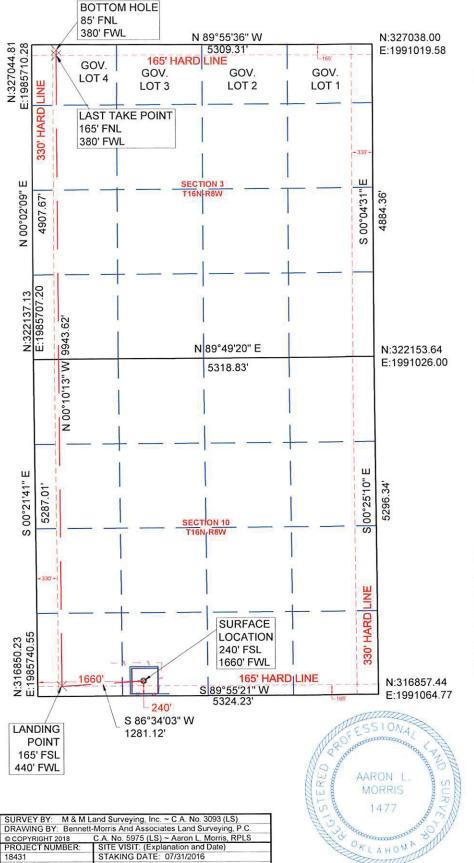
Lease Name: BENGS 1608 7H-3X

Section 10 Township 16 N Range 8 W , I.B.M, County of Kingfisher, State of Oklahoma

Elevation Good Location? YES

1159' GROUND 240'FSL - 1660'FWL Original Location: Distance & Direction From Nearest Town: 6.3 miles West of Kingfisher

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



DRAWING DATE: 09/25/2018

SHEET: 6 OF 10

SURFACE LOCATION DATUM: NAD27 35° 52' 15.99"N LAT: LONG: 98° 02' 33.11"W LAT: 35.871108°N LONG: 98.042530°W STATE PLANE COORDINATES: (US SURVEY FEET) ZONE: NORTH ZONE Y (N): 317092.51

DATUM: NAD83 LAT: 35° 52' 16.14"N LONG: 98° 02' 34.31"W LAT: 35.871150°N LONG: 98.042865°W STATE PLANE COORDINATES: (US

X (E): 1987398.97

SURVEY FEET) ZONE: NORTH ZONE Y (N): 317116.25 X (E): 1955799.97

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 R.P.L.S. No.1477 Bennett-Morris & Associates Land Surveying P.C. ~ C.A. No. 5795 (LS)

10/1/2018

Phone (580) 226-5108 Fax (888) 662-7778 1010 Northwest Boulevard Ardmore, OK 73401

OKLAHOMP



API 073-26423

SCALE 1" = 1500' 1500