API NUMBER: 049 24939 A

Horizontal Hole Oil & Gas

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

Approval Date: 03/25/2013
Expiration Date: 09/25/2013

Amend reason: OCC CORRECTION - HORIZONTAL HOLE TOTAL LENGTH

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 2N Rge: 3W County: GARVIN

SPOT LOCATION: NE SW SW SW

FEET FROM QUARTER: FROM **SOUTH** FROM **WEST**

SECTION LINES: **460** **440**

Lease Name: PARKS **Well No: 1H-31X** **Well will be 440 feet from nearest unit or lease boundary.**

Operator Name: NEWFIELD EXPL MIDCONTINENT INC Telephone: 9188781290 OTC/OCC Number: 20944 0

NEWFIELD EXPL MIDCONTINENT INC
1 WILLIAMS CTR STE 1900
TULSA, OK 74172-0162

JOE PARKS, TRUSTEE OF THE JOE PARKS REVOCABLE TRUST DATED 05/3/07
16112 E. COUNTY ROAD 1610
FOSTER OK 73434

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

	Name	Depth		Name	Depth
1	MISSISSIPPIAN	12045	6		
2	WOODFORD	12364	7		
3	HUNTON	12614	8		
4			9		
5			10		

Spacing Orders: 595034, 607412, 608936

Location Exception Orders: 608065, 608828

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 22154 Ground Elevation: 1161 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 500

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

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 BED AQUIFER

Pit Location Formation: DUNCAN

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 13-22935

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 BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 31 Twp 3N Rge 3W County GARVIN

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 440

Depth of Deviation: 12158

Radius of Turn: 740

Direction: 180

Total Length: 9526

Measured Total Depth: 22154

True Vertical Depth: 12614

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category	Description
DEEP SURFACE CASING	3/25/2013 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
LOCATION EXCEPTION - 608065	3/25/2013 - G30 - (I.O.) 6-2N-3W X595034 MSSP, WDFD, HNTN COMP. INT. NCT 165 FSL, NCT 0 FNL, NCT 330 FWL NEWFIELD EXPLORATION MID-CONTINENT INC. 2/21/13
LOCATION EXCEPTION - 608828	3/25/2013 - G30 - (I.O.) 31-3N-3W X607412 MSSP, WDFD, HNTN COMP. INT. NCT 0 FSL, NCT 165 FNL, NCT 330 FWL NEWFIELD EXPLORATION MID-CONTINENT INC. 3/12/13
MEMO	3/25/2013 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM & OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED, AND BURIED ON SITE; PIT 2 - OBM TO VENDOR
MULTI UNIT HORIZONTAL - 608936	3/25/2013 - G30 - (I.O.) 6-2N-3W & 31-3N-3W X595034 MSSP, WDFD, HNTN 6-2N-3W X607412 MSSP, WDFD, HNTN 31-3N-3W EST MULTIUNIT FOR HORIZONTAL WELL PER OCC 165:10-3-28 6-2N-3W (47.779%) 31-3N-3W (52.221%) NEWFIELD EXPLORATION MID-CONTINENT INC. 3/13/13
SPACING - 595034	3/25/2013 - G30 - (640) 6-2N-3W EXT 593358 MSSP, WDFD, HNTN

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
SPACING - 607412	3/25/2013 - G30 - (640 HOR) 31-3N-3W EXT MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN): NCT 660' FB POE TO BHL (WDFD): NCT 300' FB (SUPERSEDE EXISTING NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)

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.