

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

API NUMBER: 137 27207

Approval Date: 05/05/2014
Expiration Date: 11/05/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 2N Rge: 4W County: STEPHENS
SPOT LOCATION: NW SE NE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 1875 575

Lease Name: MASHBURN Well No: 6H-33X Well will be 575 feet from nearest unit or lease boundary.
Operator Name: NEWFIELD EXPLORATION MID-CON INC Telephone: 9188781290 OTC/OCC Number: 20944 0

NEWFIELD EXPLORATION MID-CON INC
1 WILLIAMS CTR STE 1900
TULSA, OK 74172-0162

MARY L. BECKHAM, AS TRUSTEE OF THE MARY L.
BECKHAM REVOCABLE LIVING TRUST DATED
NOVEMBER 16, 1995
RT. 1 BOX 80A
FOSTER OK 73434

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

Name	Depth	Name	Depth
1 WOODFORD	14156	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 596036 Location Exception Orders: 622486 Increased Density Orders: 622035
599339 622217 622036
622485

Pending CD Numbers:

Special Orders:

Total Depth: 23200 Ground Elevation: 1113 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 370

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

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? 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

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 14-27131

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: 150000

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 33 Twp 3N Rge 4W County GARVIN

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 14445

Radius of Turn: 740

Direction: 180

Total Length: 7730

Measured Total Depth: 23200

True Vertical Depth: 14188

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

Notes:

Category	Description
DEEP SURFACE CASING	5/2/2014 - 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
INCREASED DENSITY - 622035	5/5/2014 - G72 - 4-2N-4W X 596036 WDFD 5 WELLS (INC. MASHBURN 6H-33X); NEWFIELD EXPL MID-CON INC; 2/26/2014
INCREASED DENSITY - 622036	5/5/2014 - G72 - 33-3N-4W X 599339 WDFD; 5 WELLS (INC. MASHBURN 6H-33X); NEWFIELD EXPL MID-CON INC; 2/26/2014
LOCATION EXCEPTION - 622217	5/5/2014 - G72 - 33-3N-4W I.O. 599339 SCMR, WDFD, HNTN; SHL NCT 2236 FSL NCT 990 FEL (4-2N-4W) COMP INT. NCT 0 FSL NCT 165 FNL NCT 330 FEL; NEWFIELD EXPL MID-CON INC; 4/4/2014
LOCATION EXCEPTION - 622486	5/5/2014 - G72 - 4/2N-4W I.O. X 596036 MSSP, WDFD, HNTN; SHL NCT 2236 FSL NCT 990 FEL; COMP INT. NCT 0 FNL NCT 330 FEL, NCT 2400 FNL NCT 330 FEL; (N2 SECTION 4); NEWFIELD EXPL MID-CON INC; 4/11/2014
MEMO	5/2/2014 - 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

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
MULTIUNIT - 622485	5/5/2014 - G72 - 4-2N-4W & 33-3N-4W I.O. 596036 & 599339 WDFD SHALE RES,(ASSO. CSS MSSP, SCMR, HNTN); SEC 4 32%/ SEC 33 68%; NEWFIELD EXPLORATION MID-CON INC; 4/11/2014;
SPACING - 596036	5/5/2014 - G72 - (640) 4-2N-4W EXT 582660 WDFD, OTHERS; VAC OTHERS; EXT OTHERS; EST OTHERS;
SPACING - 599339	5/5/2014 - G72 - (640) 33-3N-4W EXT WDFD, OTHERS;
WATERSHED STRUCTURE	5/2/2014 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 255-5798 PRIOR TO DRILLING

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.