

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

API NUMBER: 137 27237

Approval Date: 05/28/2014

Expiration Date: 11/28/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 2N Rge: 4W County: STEPHENS  
SPOT LOCATION:  NW  NW  NE  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 2336 1050

Lease Name: MASHBURN Well No: 5H-33X Well will be 1050 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	MISSISSIPPIAN	14001	6	
2	SYCAMORE	14147	7	
3	WOODFORD	14361	8	
4	HUNTON	14535	9	
5			10	

Spacing Orders: 596036 Location Exception Orders: 622216 Increased Density Orders: 622035  
599339 622484 622036  
622483

Pending CD Numbers:

Special Orders:

Total Depth: 22066 Ground Elevation: 1098 **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

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

PERMIT NO: 14-27268

Chlorides Max: 5000 Average: 3000

H. SEE MEMO

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

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 NW NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1228

Depth of Deviation: 13975

Radius of Turn: 740

Direction: 180

Total Length: 7621

Measured Total Depth: 22066

True Vertical Depth: 14535

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

Notes:

Category	Description
DEEP SURFACE CASING	5/27/2014 - 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 - 622036	5/27/2014 - G72 - 33-3N-4W X 599336 WDFD; 5 WELLS; NEWFIELD EXPL MID-CON INC; 2/26/2014
INCREASED DENSITY -622035	5/27/2014 - G72 - 4-2N-4W X 596036 WDFD; 5 WELLS; NEWFIELD EXPL MID-CON INC; 2/26/2014
LOCATION EXCEPTION - 622484	5/27/2014 - G72 - 33-3N-4W (I.O.) X 599339 SCMR, WDFD, HNTN; SHL NCT 2236 FSL NCT 990 FEL; COMP INT. NCT 0 FSL NCT 165 FNL NCT 990 FEL; NEWFIELD EXPLORATION MID-CONTINENT INC.; 4/11/2014
LOCATION EXCEPTION -622216	5/27/2014 - G72 - 4-2N-4W (I.O.) X 596036 MSSP, WDFD, HNTN; SHL NCT 2236 FSL NCT 990 FEL; COMP INI. NCT 0 FNL NCT 2400 FNL NCT 990 FEL; NEWFIELD EXPLORATION MID-CONTINENT INC.; 4/4/2014
MEMO	5/27/2014 - 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

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Category	Description
MULTIUNIT -622483	5/27/2014 - G72 - 4-2N-4W & 33-3N-4W (I.O.) X 596036 & 599339 WDFD (ASSO CSS MSSP, SCMR,HNTN); SEC 4 32%/SEC 33 68%; NEWFIELD EXPL MID-CON INC; 3/11/2014
SPACING - 596036	5/27/2014 - G72 - - (640) 4-2N-4W EXT 582660 WDFD, HNTN, OTHERS; VAC OTHERS; EXT OTHERS; EST MSSP;
SPACING - 599339	5/27/2014 - G72 - (640) 33-3N-4W EXT 582660 SCMR, WDFD, HNTN, OTHERS;
WATERSHED STRUCTURE	5/27/2014 - 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

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Office of the Conservation Division as to when Surface Casing will be run.