

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

API NUMBER: 137 27206 A

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

Horizontal Hole Oil & Gas

Amend reason: OCC CORRECTION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 2N Rge: 4W County: STEPHENS
SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 2486 2200

Lease Name: MASHBURN Well No: 4H-33X Well will be 2200 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	14421	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 596036 Location Exception Orders: 622482 Increased Density Orders: 622035
599339 622215 622036
622214

Pending CD Numbers:

Special Orders:

Total Depth: 22625 Ground Elevation: 1138 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 380

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: 14-27119
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: NE NW NW NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 2076

Depth of Deviation: 14425

Radius of Turn: 740

Direction: 180

Total Length: 7730

Measured Total Depth: 22625

True Vertical Depth: 14421

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 - 622036

5/5/2014 - G72 - 33-3N-4W X 599336 WDFD;
5 WELLS (INC. MASHBURN 4H-33X);
NEWFIELD EXPL MID-CON INC;
2/26/2014

INCREASED DENSITY -622035

5/5/2014 - G72 - 4-2N-4W X 596036 WDFD;
5 WELLS (INC. MASHBURN 4H-33X);
NEWFIELD EXPL MID-CON INC;
2/26/2014

LOCATION EXCEPTION - 622215

5/5/2014 - G72 - 33-3N-4W I.O. X 599339 WDFD OTHERS;
SHL NCT 2386 FSL NCT 2000 FEL (4-2N-4W);
COMP INT. NCT 0 FSL NCT 165 FNL NCT 1320 FEL;
NEWFIELD EXPL MID-CON INC;
4/4/2014

LOCATION EXCEPTION -622482

5/5/2014 - G72 - 4-2N-4W I.O.X 596036 WDFD, OTHERS;
SHL NCT 2386 FSL NCT 2000 FEL;
COMP INT. BETWEEN NCT 0 FNL NCT 2200 FNL NCT 1320 FEL;
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.

137 27206 MASHBURN 4H-33X

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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 - 622214	5/5/2014 - G72 - 4-2N-4W & 33-3N-4W FOR 596036 & 599339 WDFD (ASSO CSS MSSP, HNTN/SCMR,HNTN); SEC 4 34%/SEC 33 66%; NEWFIELD EXPL MID-CON INC; 4/4/2014
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

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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.