

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

API NUMBER: 137 27413

Approval Date: 02/13/2015
Expiration Date: 08/13/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 2N Rge: 4W County: STEPHENS
SPOT LOCATION: SW NE NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 603 978

Lease Name: HATCHETT Well No: 1H-33XR Well will be 603 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

MARVIN HATCHETT, JR. & WYNELL HATCHETT,
TRUSTEES
P.O. BOX 14216
ARLINGTON TX 76094

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

Name	Depth	Name	Depth
1 SPRINGER	11934	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 131585
635338

Location Exception Orders: 635339

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 22900

Ground Elevation: 1146

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 410

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: 15-29601

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 33 Twp 3N Rge 4W 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: 500

Depth of Deviation: 11194

Radius of Turn: 740

Direction: 355

Total Length: 10543

Measured Total Depth: 22900

True Vertical Depth: 11934

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

Notes:

Category

Description

DEEP SURFACE CASING

2/12/2015 - 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 - 635339

2/13/2015 - G76 - (I.O.) 4-2N-4W & 33-3N-4W
X131585 SPRG
COMPL. INT. (4-2N-4W) NCT 165 FSL, NCT 0 FNL, NCT 330 FWL
COMPL. INT. (33-3N-4W) NCT 0 FSL, NCT 165 FNL, NCT 330 FWL
NEWFIELD EXPLOR. MID-CONT., INC.
1-15-2015

MEMO

2/12/2015 - 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

SPACING - 131585

2/13/2015 - G76 - (640) 4-2N-4W & 33-3N-4W
EST SPRG, OTHERS

SPACING - 635338

2/13/2015 - G76 - (I.O.) 4-2N-4W & 33-3N-4W
EST MULTIUNIT HORIZONTAL WELL
X131585 SPRG
50% 4-2N-4W
50% 33-3N-4W
NEWFIELD EXPLOR. MID-CONT., INC.
1-15-2015

WATERSHED STRUCTURE

2/12/2015 - 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.