

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

API NUMBER: 017 24673

Approval Date: 01/23/2014
Expiration Date: 07/23/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 14N Rge: 6W County: CANADIAN
SPOT LOCATION: SW SE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 285 700

Lease Name: SLASH C Well No: 1H-17X Well will be 285 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

ANNA BELLE WIEDEMANN, TRUSTEE
11721 NW 116TH
YUKON OK 73099

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	8458	6	
2	WOODFORD	8561	7	
3	HUNTON	8633	8	
4			9	
5			10	

Spacing Orders: 618894
620308

Location Exception Orders: 619586
620368

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 18936

Ground Elevation: 1269

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 290

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: 8000 Average: 5000

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: 14-26283

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 17 Twp 14N Rge 6W County CANADIAN

Spot Location of End Point: N2 N2 NW NW

Feet From: NORTH 1/4 Section Line: 40

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 8354

Radius of Turn: 740

Direction: 180

Total Length: 10230

Measured Total Depth: 18936

True Vertical Depth: 8633

End Point Location from Lease,
Unit, or Property Line: 40

Notes:

Category

Description

DEEP SURFACE CASING

1/22/2014 - 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

LOCATION EXCEPTION - 619586

1/23/2014 - G30 - (I.O.) 17-14N-6W
X618894 MSSP, WDFD, HNTN
COMP. INT. NCT 0 FSL, NCT 165 FNL, NCT 660 FWL
NEWFIELD EXPLORATION MID-CONTINENT INC.
12/23/13

LOCATION EXCEPTION - 620368

1/23/2014 - G30 - (I.O.) 20-14N-6W
X618894 MSSP, WDFD, HNTN
SHL NCT 200 FSL, NCT 660 FWL
COMP. INT. NCT 0 FNL, NCT 165 FSL, NCT 660 FWL
NEWFIELD EXPLORATION MID-CONTINENT INC.
1/15/14

MEMO

1/22/2014 - 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

MUTLIUNIT HORIZONTAL - 620308

1/23/2014 - G30 - (I.O.) 17 & 20-14N-6W
X618894 MSSP, WDFD, HNTN (17 & 20-14N-6W)
EST MULTIUNIT FOR HORIZONTAL WELL
17-14N-6W (50%)
20-14N-6W (50%)
NEWFIELD EXPLORATION MID-CONTINENT INC.
1/14/14

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017 24673 SLASH C 1H-17X

Category

Description

SPACING - 618894

1/23/2014 - G30 - (640 HOR) 17 & 20-14N-6W
VAC 121298 MISS, HNTN (W2, E2 NE4 & E2 SE4 20)
VAC 127809 HNTN (SEC 17)
VAC 127809 MISS (NW4 & S2 SEC 17)121298/186831 MISS, HNTN,
EXT 608194 MSSP, WDFD, HNTN
POE TO BHL (MSSP, HNTN) NLT 660' FB
POE TO BHL (WDFD) NLT 165 FNL/FSL, NLT 330 FEL/FWL
(COEXIST WITH SP. 127809 MISS, ELLEN 17-8, SE4 NE4 SEC 17, API 017-22392; COEXIST WITH
SP. 121298/186831 MISS, HNTNU, BRENDA 1, API 017-22100, SW4 SE4 SEC 20; COEXIST WITH
SP. 121298/186831 MISS, HNTN, B. JONES 1, API 017-22977, SW4 NE4 SEC 20)

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