

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

API NUMBER: 087 22017

Approval Date: 12/31/2014
Expiration Date: 06/30/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 7N Rge: 4W County: MCCLAIN
SPOT LOCATION: SE SW SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 215 528

Lease Name: CAROLE Well No: 1H-21X Well will be 215 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

CAROLE SCALES BROWN AKA CAROLE R. BROWN, WHO
REPRESENTS AN UNDIVIDED ONE-HALF INTEREST
23003 DIBBLE CREEK ROAD
BLANCHARD OK 73010

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	10385	6	
2 WOODFORD	10567	7	
3 HUNTON	10710	8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201406580
201406581
201406582

Special Orders:

Total Depth: 21417 Ground Elevation: 1249 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: 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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-29046
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 21 Twp 7N Rge 4W County MCCLAIN

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 178

Feet From: WEST 1/4 Section Line: 528

Depth of Deviation: 10360

Radius of Turn: 740

Direction: 180

Total Length: 10587

Measured Total Depth: 21417

True Vertical Depth: 10710

End Point Location from Lease,
Unit, or Property Line: 178

Additional Surface Owner	Address	City, State, Zip
TERRY D. ROATH, WHO REPRESENTS	159 ACADEMY DRIVE	SPRINGHILL, OK 71075-

Notes:

Category	Description
DEEP SURFACE CASING	12/4/2014 - G76 - 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
MEMO	12/4/2014 - G76 - 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
PENDING CD - 201406580	12/31/2014 - G72 - (640 HORZ) 21 & 28-7N-4W VAC 98937/98655 HNTN, VAC 110671/112492 MSRH, COEXIST 344317 SCMR, WDFD, EST MSSP, WDFD, HNTN REC 12/2/2014 (JOHNSON)
PENDING CD - 201406581	12/31/2014 - G72 - (MULTI) 21 & 28-07N-04W (I.O.) EST WDFD TARGET RES, X 201406580 MSSP, WDFD, HNTN, 50%/50%, NO OPER NAMED, REC 12/2/2014 (JOHNSON)
PENDING CD - 201406582	12/31/2014 - G72 - 21 & 28-07N-04W (I.O.) X 201406580 MSSP, WDFD, HNTN, SHL NCT 150 FSL NCT 330 FWL 28-7N-4W, COMP INT. SEC 28 NCT 165 FSL NCT 0 FNL NCT 330 FWL, COMP INT. SEC 21 NCT 0 FSL NCT 165 FNL NCT 330 FWL, NO OPER NAMED, REC 12/2/2014 (JOHNSON)

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.

087-22017

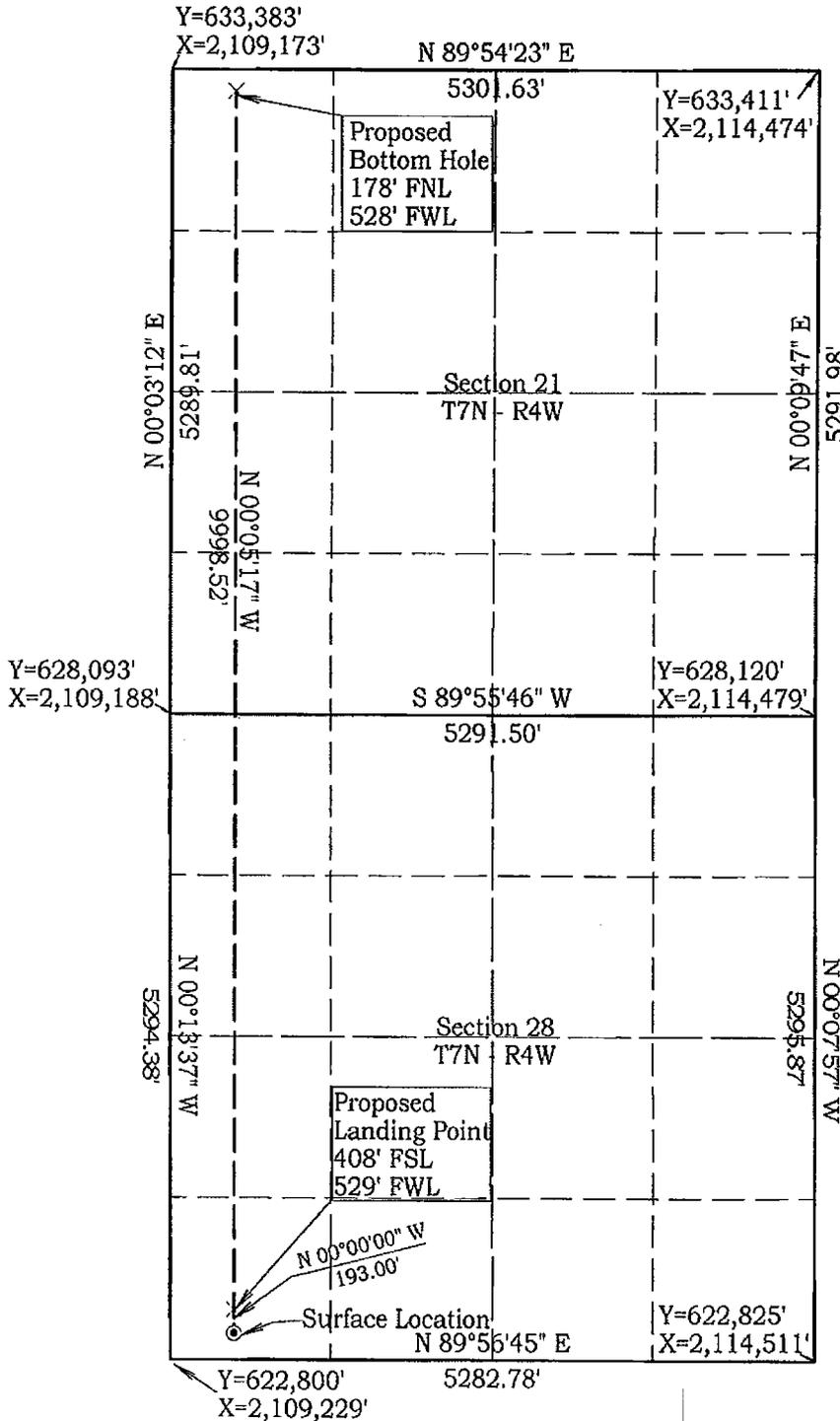
Permit Plat

M & M Land Surveying, Inc.

520 "E" Street NW. Ardmore, OK. 73401
Office 580-226-0446 Mobile 580-221-4999 Fax 580-226-7158

Company Name: Newfield Exploration Mid-Continent, Inc. Lease Name: Carole #1H-21x
Section 28 Township 7 North Range 4 West County McClain Oklahoma

Surface Location 215' FSL - 528' FWL Elevation 1249'



Scale: 1" = 1000'
Invoice #14210
Date 5/27/14

Coordinates were derived from GPS RTK methods and are only accurate within ±10 feet
Location GPS NAD 27 Oklahoma South Surface Location
Latitude: 35.04476°
Longitude: 97.63334°
Y= 623,017'
X = 2,109,755'

CERTIFICATE:

I, D. Harry McClintick, a Registered Land Surveyor in the State of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown.

D. Harry McClintick 12/30/14

D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

This location has been staked according to the best official survey records available to us, but its accuracy is not guaranteed. Please review this plat and notify us immediately of any discrepancy.

