

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

API NUMBER: 051 23688 A

Approval Date: 05/15/2013  
Expiration Date: 11/15/2013

Horizontal Hole Oil & Gas

Amend reason: CHANGE SURFACE LOCATION & GROUND ELEVATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 3N Rge: 5W

County: GRADY

SPOT LOCATION:  SE  NE  NW  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 408 1032

Lease Name: VINSON

Well No: 5H-14

Well will be 408 feet from nearest unit or lease boundary.

Operator Name: NEWFIELD EXPL MIDCONTINENT INC

Telephone: 9188781290

OTC/OCC Number: 20944 0

NEWFIELD EXPL MIDCONTINENT INC  
1 WILLIAMS CTR STE 1900  
TULSA, OK 74172-0162

ROBIN KATHLEEN VAUGHN GENTRY  
P.O. BOX 702  
MT. VERNON TX 75457

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	14717	6	
2	WOODFORD	14974	7	
3	HUNTON	15209	8	
4			9	
5			10	

Spacing Orders: 185688  
185087

Location Exception Orders: 610934

Increased Density Orders: 610822

Pending CD Numbers:

Special Orders:

Total Depth: 20419

Ground Elevation: 1170

**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**

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

B. Solidification of pit contents.

Type of Mud System: WATER BASED

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

PERMIT NO: 13-23376

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: 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 14 Twp 3N Rge 5W County GRADY

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 520

Depth of Deviation: 14306

Radius of Turn: 740

Direction: 355

Total Length: 4950

Measured Total Depth: 20419

True Vertical Depth: 15209

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

Additional Surface Owner	Address	City, State, Zip
BENJAMIN BARRESI, COSMO INVES	501 N. WALKER, SUITE 120	OKLAHOMA CITY, OK 73102
ROBERT VAUGHN	210 LAURN LANE	PALMER, AR 99645
MICHAEL A. BIRCH	12316-A N. MAY AVENUE	OKLAHOMA CITY, OK 73120

Notes:

Category	Description
DEEP SURFACE CASING	5/14/2013 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
INCREASED DENSITY - 610822	5/14/2013 - G75 - 14-3N-5W X185087/185688 WDFD 4 WELLS NEWFIELD EXPLOR. MID-CONT. INC. 4-25-2013
LOCATION EXCEPTION - 610934	5/14/2013 - G75 - (I.O.) X185087/185688 MSSP, WDFD, HNTN SHL NCT 330 FNL, NCT 330 FWL 23-3N-5W FIRST PERF NCT 165 FSL, NCT 330 FWL 14-3N-5W LAST PERF NCT 165 FNL, NCT 330 FWL 14-3N-5W NEWFIELD EXPLOR. MID-CONT., INC. 4-29-2013
MEMO	5/14/2013 - G71 - PIT 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 - 185087	5/14/2013 - G75 - (640) 14-3N-5W EXT 171539 HNTN, OTHERS EST MSSP, WDFD, OTHERS

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.

Category

Description

SPACING - 185688

5/14/2013 - G75 - NPT 185087 CHANGING PARAGRAPH 1 OF ORDER FROM MCCLAIN CO. TO GRADY CO.

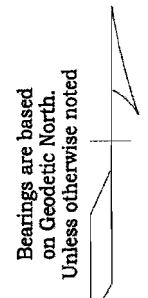
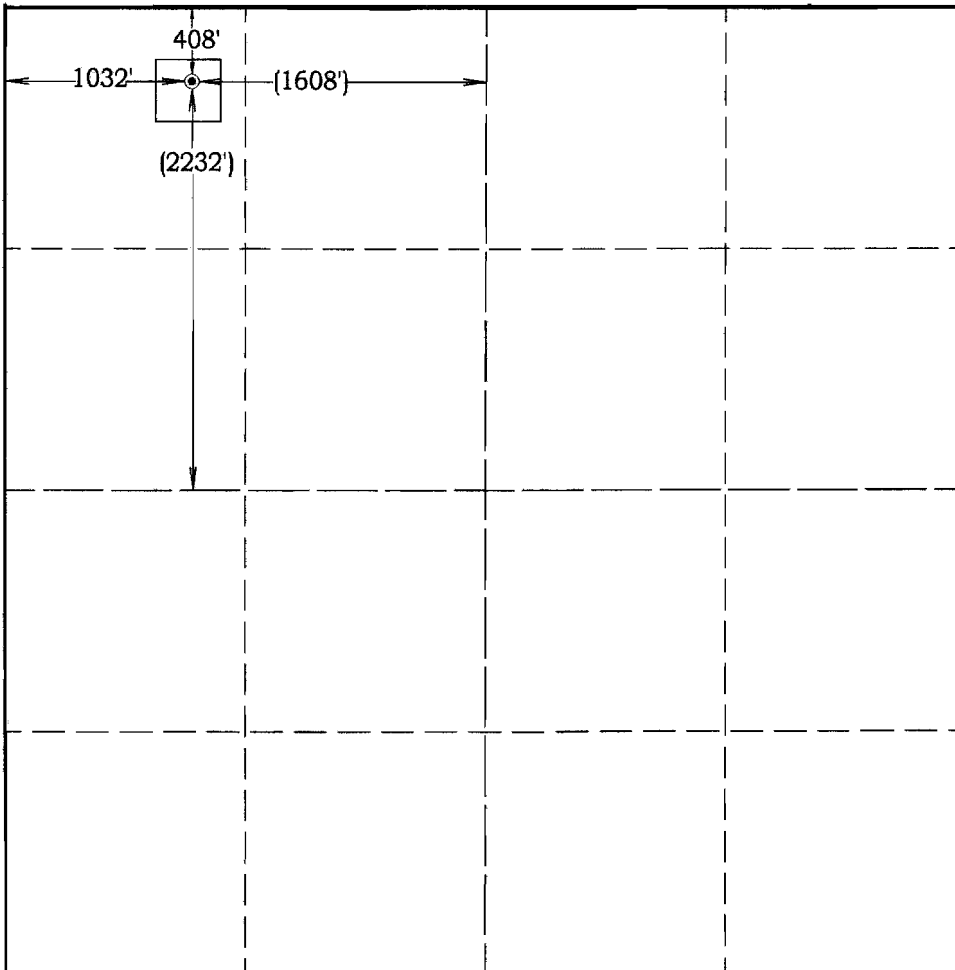
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**Well Location Plat**  
**M & M Land Surveying, Inc.**  
 520 "E" Street NW. Ardmore, OK. 73401

Office 580-226-0446 Mobile 580-221-4999 Fax 580-226-7158

API  
 051-23688

Company Name: Newfield Exploration Mid-Continent, Inc. Lease Name: Vinson #5H-14  
 Section 23 Township 3 North Range 5 West County Grady Oklahoma  
 Surface Location 408' FNL - 1032' FWL Elevation 1170' Good Location? Yes Topography Location fell in pasture.



Scale: 1" = 1000'  
 Invoice #13086  
 Date 4/11/2013

Elevations of Proposed Pad Corners  
 NW/C - 1151'  
 NE/C - 1167'  
 SE/C - 1192'  
 SW/C - 1177'

**Coordinates were derived from GPS RTK methods and are only accurate within ±10 feet**

**Location GPS NAD 27 Oklahoma South**  
 Surface Location  
 Latitude: 34.72385°  
 Longitude: 97.69994°  
 X = 2,090,167'  
 Y = 506,160'

**Location NAD 83**  
 Surface Location  
 Latitude: 34.72393°  
 Longitude: 97.70025°

Best Accessibility to Location From the West

Distance & Direction From From the Jct. of SH. #29 & SH. #76 North, go 7 miles West on SH. #29, then 6.2 miles North and 1.6 miles East on County roads to the Northwest Corner of Highway or Town Section 23.

**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*  
 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.

The distances shown in parenthesis ( ) are calculated distances based on the quarter section being 2640' and have not been measured.

