

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

API NUMBER: 073 25267 B

Approval Date: 03/28/2016

Expiration Date: 09/28/2016

Horizontal Hole Oil & Gas

Amend reason: CHANGE WELL NAME & NUMBER; CHANGE  
SURFACE LOCATION, BOTTOM-HOLE LOCATION, GROUND  
ELEVATION & TOTAL DEPTH; DELETE FORMATION; UPDATE  
ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 17N Rge: 7W

County: KINGFISHER

SPOT LOCATION: ☐ NW ☐ NW ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 240 310

Lease Name: GILMOUR

Well No: 1H-30X

Well will be 240 feet from nearest unit or lease boundary.

Operator Name: NEWFIELD EXPLORATION MID-CON INC

Telephone: 2816742521; 9188781

OTC/OCC Number: 20944 0

NEWFIELD EXPLORATION MID-CON INC  
4 WATERWAY SQ PL STE 100  
SPRING, TX 77380-2764

RALPH E. HARRISON  
13696 E. 760 RD.  
KINGFISHER OK 73750

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN (EX CHESTER)	7818	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 651704  
657373

Location Exception Orders: 657169

Increased Density Orders:

Pending CD Numbers: 201706312  
201706313

Special Orders:

Total Depth: 18343

Ground Elevation: 1118

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 220

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: AIR

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: 4

Liner not required for Category: 4

Pit Location is BED AQUIFER

Pit Location Formation: CEDAR HILLS

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

B. Solidification of pit contents.

F. Haul to Commercial soil farming facility: Sec. 6 Twn. 2N Rng. 4W Cnty. 137 Order No: 617361

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: 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: CEDAR HILLS

#### PIT 3 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: CEDAR HILLS

#### HORIZONTAL HOLE 1

Sec 31 Twp 17N Rge 7W County KINGFISHER

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 49

Feet From: EAST 1/4 Section Line: 465

Depth of Deviation: 7035

Radius of Turn: 750

Direction: 185

Total Length: 10130

Measured Total Depth: 18343

True Vertical Depth: 8012

End Point Location from Lease,

Unit, or Property Line: 49

#### Notes:

##### Category

##### Description

DEEP SURFACE CASING

3/21/2016 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

3/21/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.

This permit does not address the right of entry or settlement of surface damages.

073 25267 GILMOUR 1H-30X

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
LOCATION EXCEPTION - 657169	<p>9/21/2017 - G75 - (F.O.)  X651704 MSNLC  SHL (29-17N-7W) 240' FNL, 290' FWL **  COMPL. INT. (30-17N-7W) 342' FNL &amp; 496' FEL, 0' FSL &amp; 469' FEL  COMPL. INT. (31-17N-7W) 0' FNL &amp; 469' FEL, 196' FSL &amp; 478' FEL  BHL (31-17N-7W) 49' FSL, 485' FEL  NEWFIELD EXPLOR. MID-2016)CONT. INC.  10-21-2016 (WELL SPUD 3-29-</p> <p>** ITD HAS SHL AS 310' FWL 29-17N-7W;</p>
MEMO	<p>3/21/2016 - G71 - PIT 2 &amp; 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM &amp; OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED, AND BURIED ON SITE; PIT 3 - OBM TO VENDOR</p>
PENDING CD - 201706312	<p>11/20/2017 - G75 - MOD 657373 TO:  SHL (29-17N-7W) 240' FNL, 310' FWL  COMPL. INT. (30-17N-7W) 342' FNL &amp; 476' FEL, 0' FSL &amp; 449' FEL  COMPL. INT. (31-17N-7W) 0' FNL &amp; 449' FEL, 196' FSL &amp; 458' FEL  BHL (31-17N-7W) 49' FSL, 465' FEL  REC 10-9-2017 (MCKEOWN)</p>
PENDING CD - 201706313	<p>11/20/2017 - G75 - MOD 657169 TO:  SHL (29-17N-7W) 240' FNL, 310' FWL  COMPL. INT. (30-17N-7W) 342' FNL &amp; 476' FEL, 0' FSL &amp; 449' FEL  COMPL. INT. (31-17N-7W) 0' FNL &amp; 449' FEL, 196' FSL &amp; 458' FEL  BHL (31-17N-7W) 49' FSL, 465' FEL  REC 10-9-2017 (MCKEOWN)</p>
SPACING - 651704	<p>9/21/2017 - G75 - (640)(HOR) 30 &amp; 31-17N-7W  EXT 647526 MSNLC, OTHER  COMPL. INT. NLT 660' FB  (COEXIST SP. ORDER # 78115 MSSLM 30-17N-7W &amp; ORDER # 78431/79058 MSSSD 31-17N-7W)</p>
SPACING - 657373	<p>9/21/2017 - G75 - (F.O.) 30 &amp; 31-17N-7W  EST MULTIUNIT HORIZONTAL WELL  X651704 MSNLC  49.4296% 30-17N-7W  50.5704% 31-17N-7W  NEWFIELD EXPLOR. MID-CONT. INC.  10-28-2016 (WELL SPUD 3-29-2016)</p>

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.

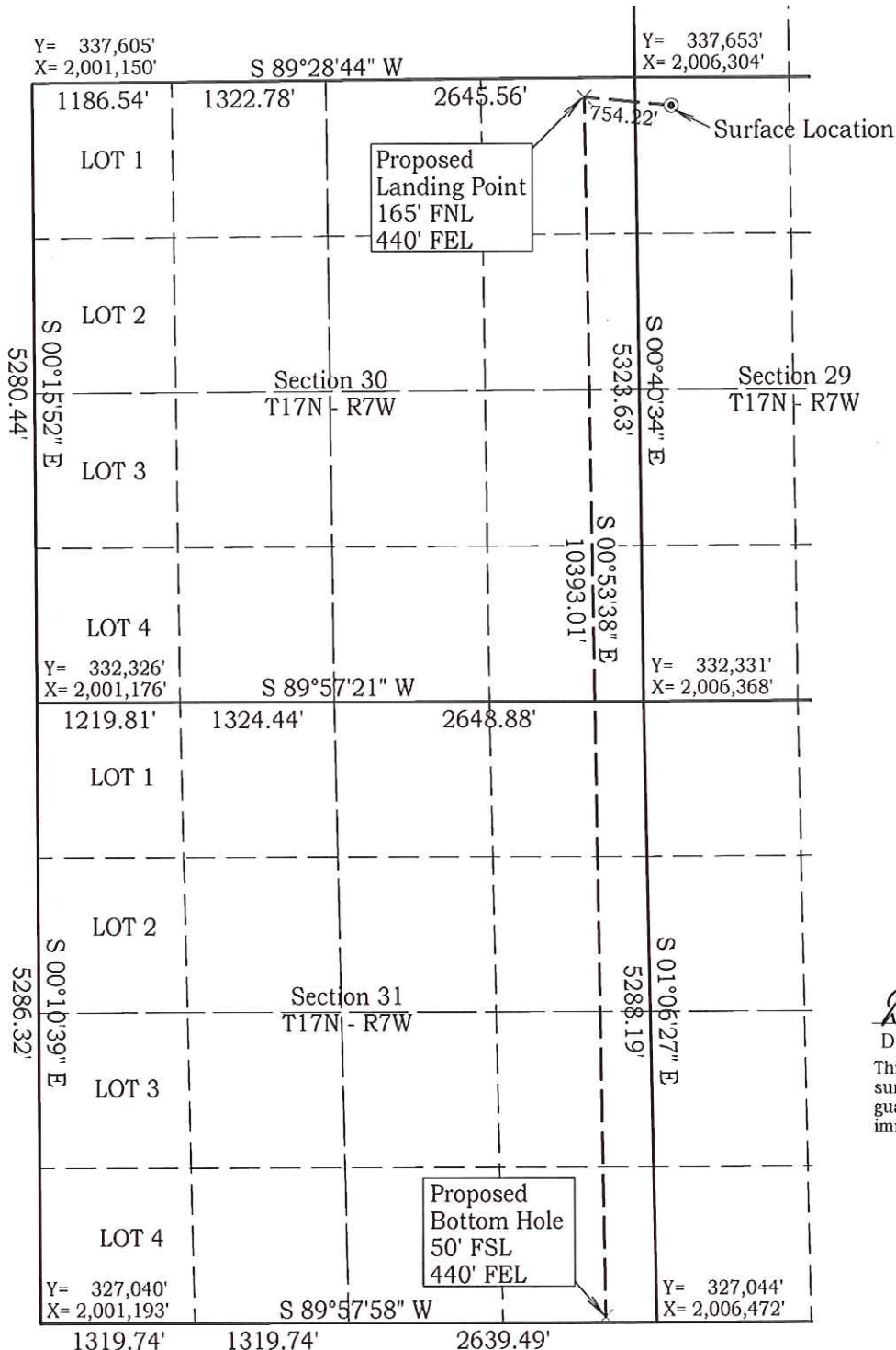
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

**Permit Plat**  
**M & M Land Surveying, Inc.**  
520 "E" Street NW. Ardmore, OK 73401  
Office 580-226-0446 Mobile 580-221-4999

API 073-25267 B

Company Name: Newfield Exploration Mid-Continent, Inc. Lease Name: Gilmour #1H-30X  
Section 29 Township 17 North Range 7 West County Kingfisher Oklahoma  
Surface Location 240' FNL - 310' FWL Elevation 1118'

**ALL SECTION CORNER COORDINATES ARE NAD 27**



Scale: 1" = 1500'  
Invoice #16028b  
Date 1/26/16

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

**Location GPS NAD 27  
Oklahoma North**

Surface Location  
Latitude: 35.92694°  
Longitude: 97.97765°  
Y= 337,413'  
X= 2,006,617'

**Location NAD 83**

Surface Location  
Latitude: 35.92698°  
Longitude: 97.97798°  
Y= 337,437'  
X= 1,975,018'

*D. Harry McClintick* 4/21/16

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.

