

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

API NUMBER: 011 23596 A

Approval Date: 04/04/2016
Expiration Date: 10/04/2016

Horizontal Hole Oil & Gas

Amend reason: ADD FORMATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 13N Rge: 13W

County: BLAINE

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 230 350

Lease Name: BELL FARMS

Well No: 1-23-14XH

Well will be 230 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC

Telephone: 4052349020; 4052349

OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC
PO BOX 269000
OKLAHOMA CITY, OK 73126-9000

JACKIE & MERRIETTA MILLER
RT. 1, BOX 104A
HYDRO OK 73048

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	12934	6	
2	WOODFORD	14963	7	
3			8	
4			9	
5			10	

Spacing Orders: 203565
653422
675582
653268

Location Exception Orders: 673843

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 23020

Ground Elevation: 1598

Surface Casing: 1487

Depth to base of Treatable Water-Bearing FM: 280

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: RUSH SPINGS

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 15-31120

H. SEE MEMO

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

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: ON SITE

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 250000

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: 3

Liner required for Category: 3

Pit Location is BED AQUIFER

Pit Location Formation: RUSH SPRINGS

HORIZONTAL HOLE 1

Sec 14 Twp 13N Rge 13W County BLAINE

Spot Location of End Point: NW SE SE NE

Feet From: NORTH 1/4 Section Line: 2001

Feet From: EAST 1/4 Section Line: 564

Depth of Deviation: 14346

Radius of Turn: 397

Direction: 360

Total Length: 8050

Measured Total Depth: 23020

True Vertical Depth: 14963

End Point Location from Lease,
Unit, or Property Line: 564

Notes:

Category

Description

DEEP SURFACE CASING

3/31/2016 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

3/31/2016 - 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.

LOCATION EXCEPTION - 673843

8/13/2018 - G60 - (F.O.) 23 & 14-13N-13W
X653422 MSSP 23-13N-13W
X203565 WDFD 23-13N-13W
X653268 MSSP, WDFD, OTHERS 14-13N-13W
SHL (23-13N-13W) 230' FSL, 350' FEL
COMPL. INT. (23-13N-13W) 583 FSL, 275' FEL, 0' FNL, 511' FEL
COMPL. INT. (14-13N-13W) 0' FSL, 511' FEL, 2373 FNL, 505' FEL
CONTINENTAL RESOURCES, INC.
4/2/18

MEMO

3/31/2016 - G71 - PIT 1 & 2 - CONCRETE-LINED PIT PER OPERATOR REQUEST; PIT 2 - OBM RETURNED TO VENDOR, OBM CUTTINGS PERMITTED PER DISTRICT

SPACING - 203565

3/31/2016 - G60 - (640) 23-13N-13W
EST OTHER
EXT 173209 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.

011 23596 BELL FARMS 1-23-14XH

Category	Description
SPACING - 653268	8/13/2018 - G60 - (640) 14-13N-13W VAC 208151 CSTR EXT 589307 WDFD EST MSSP, OTHER
SPACING - 653422	8/13/2018 - G60 - (640) 23-13N-13W VAC 131145 MISS EST MSSP
SPACING - 675582	8/13/2018 - G60 - (F.O.) 23 & 14-13N-13W EST MULTIUNIT HORIZONTAL WELL X203565 WDFD 23-13N-13W X653422 MSSP 23-13N-13W X653268 MSSP. WDFD, OTHERS 14-13N-13W 62.535% 23-13N-13W 37.4650% 14-13N-13W CONTINENTAL RESOURCES, INC. 4/2/18

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