

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

API NUMBER: 017 24930

Approval Date: 08/17/2016
Expiration Date: 02/17/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 13N Rge: 8W County: CANADIAN
SPOT LOCATION: NE NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 190 650

Lease Name: IRON MASK 36_25-14N-8W Well No: 1HX Well will be 190 feet from nearest unit or lease boundary.

Operator Name: DEVON ENERGY PRODUCTION CO LP Telephone: 4052353611; 4052353 OTC/OCC Number: 20751 0

DEVON ENERGY PRODUCTION CO LP
333 W SHERIDAN AVE
OKLAHOMA CITY, OK 73102-5010

WILLIAM L. ADAMS
317 COCAPA DRIVE
LAKE KIOWA TX 76240

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

Name	Depth	Name	Depth
1 MISS'AN (EX CHESTER)	8902	6	
2 WOODFORD	10137	7	
3 HUNTON	10233	8	
4		9	
5		10	

Spacing Orders: 641104

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201602975
201602977

Special Orders:

Total Depth: 20328

Ground Elevation: 1342

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 250

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: 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BISON

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 16-31431

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BISON

HORIZONTAL HOLE 1

Sec 25 Twp 14N Rge 8W County CANADIAN

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 350

Depth of Deviation: 9310

Radius of Turn: 478

Direction: 358

Total Length: 10269

Measured Total Depth: 20328

True Vertical Depth: 10233

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

Notes:

Category

Description

DEEP SURFACE CASING

7/28/2016 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

7/28/2016 - 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.

MEMO

7/28/2016 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201602975

7/28/2016 - G60 - (I.O.) 25 & 36-14N-8W
EST MULTIUNIT HORIZONTAL WELL
X641104 MSNLC, WDFD, HNTN
50% 25-14N-8W
50% 36-14N-8W
MSNLC AND HNTN ARE ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD
NO OP. NAMED
REC. 8-16-16 (COLAW)

PENDING CD - 201602977

7/28/2016 - G60 - (I.O.) 25 & 36-14N-8W
X641104 MSNLC, HNTN, WDFD
POE TO BHL (MSNLC, HNTN) NCT 660' FB
POE TO BHL (WDFD) NCT 165' FSL & FNL, NCT 330' FWL & FEL
DEVON ENERGY PRODUCTION COMPANY, L.P.
REC. 8-16-16 (COLAW)

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

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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 - 641104

7/28/2016 - G60 - (640)(HOR) 25 & 36-14N-8W
EXT 634501 MSNLC, WDFD, HNTN
COMPL INT.
(COEXIST WITH SP. ORDER 129625 MISS AND HNTN (SECTIONS 25 AND 36), SP. ORDER
169103 MCSTR

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

CANADIAN County, Oklahoma

190'FNL-650'FWL Section 1 Township 13N Range 8W I.M.

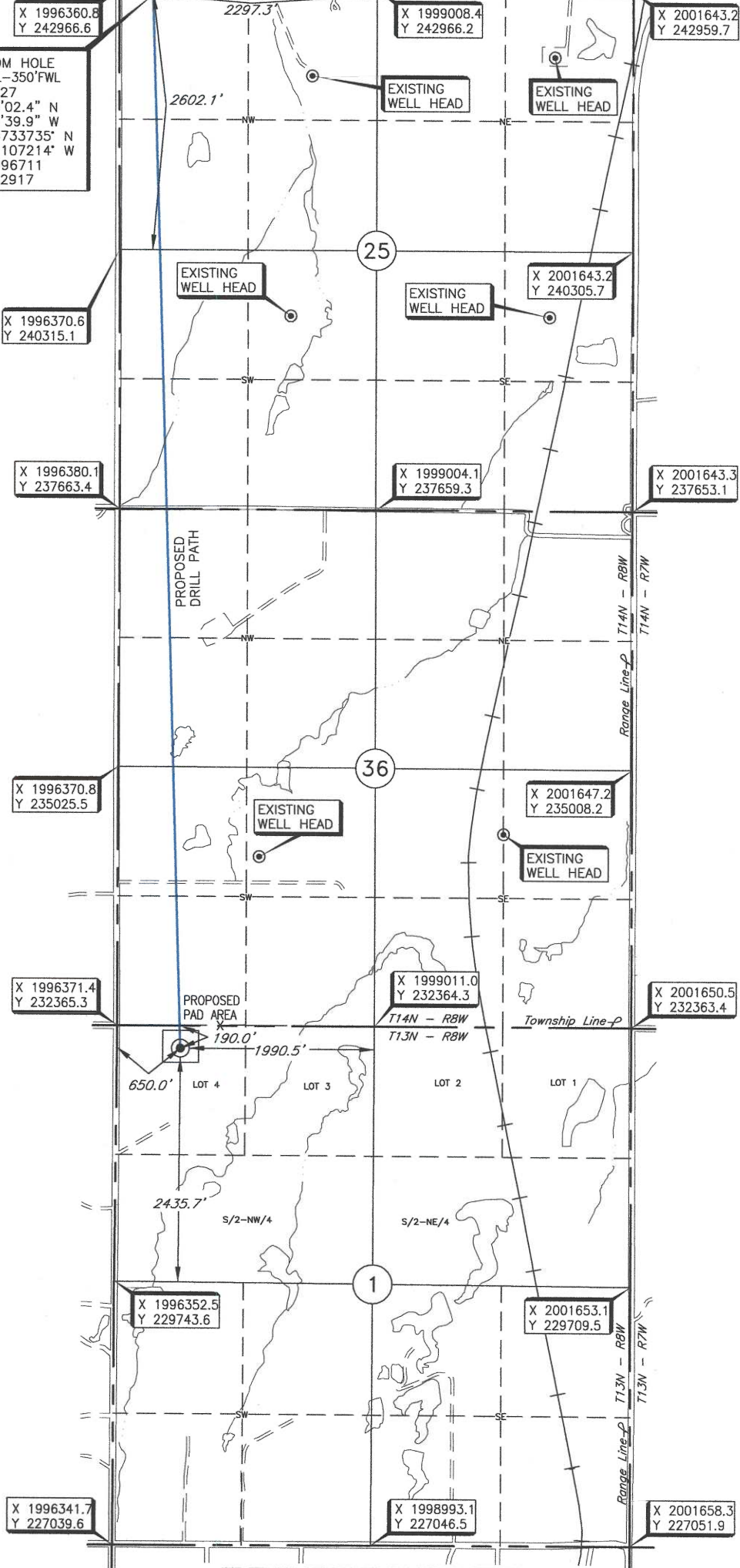


GRID
 NAD-27
 OK NORTH
 US FEET
 Scale:

0 1000' 2000'

EXISTING WELLS ARE SHOWN PER CORPORATION COMMISSION RECORDS

BOTTOM HOLE
 50'FNL-350'FWL
 NAD-27
 35°40'02.4" N
 98°00'39.9" W
 35.66733735° N
 98.01107214° W
 X: 1996711
 Y: 242917



Operator: DEVON ENERGY PRODUCTION CO., LP
 Lease Name: IRON MASK 36_25-14N-8W
 Topography & Vegetation Location fell on grassy hilltop ±190' south of E-W fence line.
 Well No.: 1HX
 ELEVATION: 1342' Gr. at Stake

Good Drill Site? Yes
 Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From county road west of well location.
 Distance & Direction From Concho, Oklahoma, go ± 0.1 mile West, ± 0.6 mile North, ± 1 mile West, then ± 1 mile North to the Northwest Corner of Section 1, T13N-R8W.

BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

NOTE:
 The information shown herein is for construction purposes ONLY.

DATUM: NAD-27
 LAT: 35°38'16.2" N
 LONG: 98°00'36.1" W
 LAT: 35.63782789° N
 LONG: 98.01002845° W
 STATE PLANE COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 1997020
 Y: 232175

Invoice # 262280 Date of Drawing: July 05, 2016
 Date Staked: June 30, 2016 JGW

CERTIFICATE:

I, Lee K. Goss a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

Lee K. Goss
 Oklahoma Lic. No. 1778

