

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

API NUMBER: 017 24945

Approval Date: 11/10/2016

Expiration Date: 05/10/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 13N Rge: 8W

County: CANADIAN

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 250 2080

Lease Name: GAME TRAIL 35-14N-8W

Well No: 1H

Well will be 250 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

ROGER G., MARK L. & LEONARD D. WILKERSON
5201 N. MANNING RD.
EL RENO OK 73036

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

| | Name | Depth | Name | Depth |
|---|----------------------|-------|------|-------|
| 1 | MISS'AN (EX CHESTER) | 9713 | 6 | |
| 2 | WOODFORD | 10245 | 7 | |
| 3 | | | 8 | |
| 4 | | | 9 | |
| 5 | | | 10 | |

Spacing Orders: 634001

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201604368

Special Orders:

Total Depth: 15193

Ground Elevation: 1356

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 270

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: 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: DOG CREEK

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

PERMIT NO: 16-31814

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: DOG CREEK

HORIZONTAL HOLE 1

Sec 35 Twp 14N Rge 8W County CANADIAN

Spot Location of End Point: NW NW NE NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1610

Depth of Deviation: 9393

Radius of Turn: 477

Direction: 355

Total Length: 5051

Measured Total Depth: 15193

True Vertical Depth: 10381

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

Notes:

Category

Description

DEEP SURFACE CASING

11/9/2016 - 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

11/9/2016 - 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

11/9/2016 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201604368

11/10/2016 - G75 - (I.O.) 35-14N-8W
X634001 MSNLC, WDFD
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL
NO OP. NAMED
REC 10-28-2016 (DUNN)

SPACING - 634001

11/10/2016 - G75 - (640)(HOR) 35-14N-8W
EST MSNLC, WDFD, OTHER
POE TO BHL (MSNLC) NCT 660' FB
POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
(COEXIST EXISTING NON-HORIZONTAL SPACING UNITS)

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.

017 24945 GAME TRAIL 35-14N-8W 1H



214 East Main
Oklahoma City, OK 73104
405.787.6270 t 405.787.6276 f
www.craffontull.com
Craffon Tull
SURVEYING CAPS(PELS) Exp. 6/30/18

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME: GAME TRAIL 35-14N-8W

WELL NO. 1H

GOOD DRILL SITE: YES

CANADIAN COUNTY, STATE: OK

GROUND ELEVATION: 1356.04' GR. AT STAKE

SURFACE HOLE FOOTAGE: 2080' FWL - 250' FNL

SECTION: 2 TOWNSHIP: T13N RANGE: R8W

BOTTOM HOLE: 35-T14N-R8W I.M.

ACCESSIBILITY TO LOCATION: FROM NORTH LINE

TOPOGRAPHY & VEGETATION:

LOCATION FELL IN A FIELD

DISTANCE & DIRECTION FROM HWY JCT OR TOWN:

FROM THE TOWN OF CONCHO, NORTH ON BLACK KETTLE
0.5MI, WEST ON E0960RD 2MI, NORTH ON N2790RD 1MI,
EAST ON 164TH ST 2000FT, SITE IS SOUTH OF ROAD.

PLEASE NOTE THAT THIS LOCATION WAS STAKED ON THE GROUND UNDER THE SUPERVISION OF A
LICENSED PROFESSIONAL LAND SURVEYOR, BUT ACCURACY OF THIS EXHIBIT IS NOT GUARANTEED.
PLEASE CONTACT CRAFFON TULL PROMPTLY IF ANY INCONSISTENCY IS DETERMINED. GPS DATA IS
OBSERVED FROM RTK-GPS.

NOTE: AND Y DATA SHOWN HEREON FOR SECTION CORNERS MAY NOT HAVE BEEN SURVEYED ON
THE GROUND, AND FURTHER, DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.

QUARTER SECTION DISTANCES MAY BE ASSUMED FROM A GOVERNMENT SURVEY PLAT OR
ASSUMED AT A PROPORTIONATE DISTANCE FROM OPPOSING SECTION CORNERS, OR
OCCUPATION THEREOF, AND MAY NOT HAVE BEEN MEASURED ON THE GROUND, AND FURTHER,
DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.

API 017-24945

CANADIAN

COUNTY, OKLAHOMA

2080' FWL - 250' FNL SECTION 2 TOWNSHIP 13N RANGE 8W I.M.



SURFACE HOLE DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 1992669.9

Y: 237618.2

GPS DATUM: NAD27

LAT: 35.65277955

LONG: -98.02467175

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 1961588.6

Y: 232137.9

GPS DATUM: NAD83

LAT: 35.63770723

LONG: -98.02325841

BOTTOM HOLE DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 1992319.9

Y: 237618.7

GPS DATUM: NAD27

LAT: 35.65278055

LONG: -98.02584985

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 1961071.8

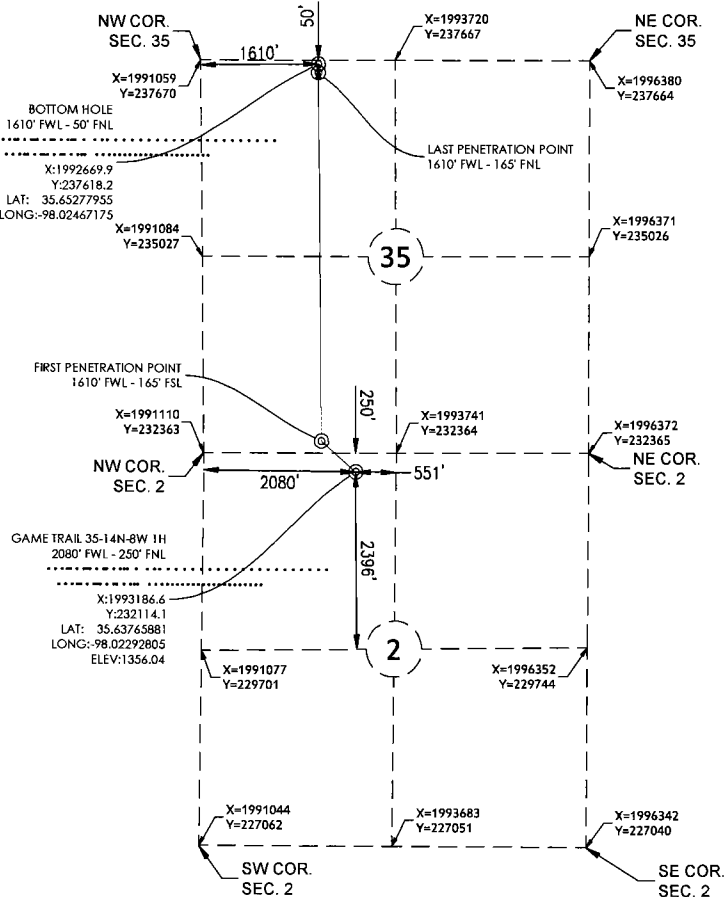
Y: 237642.0

GPS DATUM: NAD83

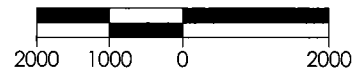
LAT: 35.65282753


LONG: -98.02500243

BOTTOM HOLE
INFORMATION PROVIDED
BY OPERATOR LISTED.



GRAPHIC SCALE IN FEET



| | | | | |
|----------|------------------------------------|---------------------------|-----------|---|
| REVISION | | "GAME TRAIL 35-14N-8W 1H" | |  devon ENERGY |
| R1 | BHL MOVE PENETRATION PNTS ADDED | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | SCALE: 1" = 2000' | | |
| | | PLOT DATE: 10-17-2016 | DRAWN BY: | DW SHEET NO.: 1 OF 6 |