

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

API NUMBER: 017 24684

Approval Date: 05/28/2014  
Expiration Date: 11/28/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 13N Rge: 9W County: CANADIAN  
SPOT LOCATION:  NE  NE  NW  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 250 1075

Lease Name: NANCY 21-13N-9W Well No: 1H Well will be 250 feet from nearest unit or lease boundary.  
Operator Name: DEVON ENERGY PRODUCTION CO LP Telephone: 4052353611 OTC/OCC Number: 20751 0

DEVON ENERGY PRODUCTION CO LP  
333 W SHERIDAN AVE DEC 34.428  
OKLAHOMA CITY, OK 73102-5010

DAN & NANCY WEDMAN  
3445 N. REDROCK RD.  
CALUMET OK 73014

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

Name	Depth	Name	Depth
1 HOXBAR	7918	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 625959

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201402536

Special Orders:

Total Depth: 13689

Ground Elevation: 1485

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 230

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: MARLOW

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

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: MARLOW

HORIZONTAL HOLE 1

Sec 21 Twp 13N Rge 9W County CANADIAN

Spot Location of End Point: N2 N2 NW NW

Feet From: NORTH 1/4 Section Line: 230

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 8062

Radius of Turn: 573

Direction: 350

Total Length: 4727

Measured Total Depth: 13689

True Vertical Depth: 8635

End Point Location from Lease,  
Unit, or Property Line: 230

Notes:

Category

Description

DEEP SURFACE CASING

5/28/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

MEMO

5/28/2014 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201402536

5/28/2014 - G75 - (I.O.) 21-13N-9W  
X625959 HXBR  
FIRST PERF NCT 330 FSL, NCT 330 FWL  
LAST PERF NCT 330 FNL, NCT 330 FWL  
NO OP. NAMED  
REC 4-29-2014 (P. PORTER)

SPACING - 625959

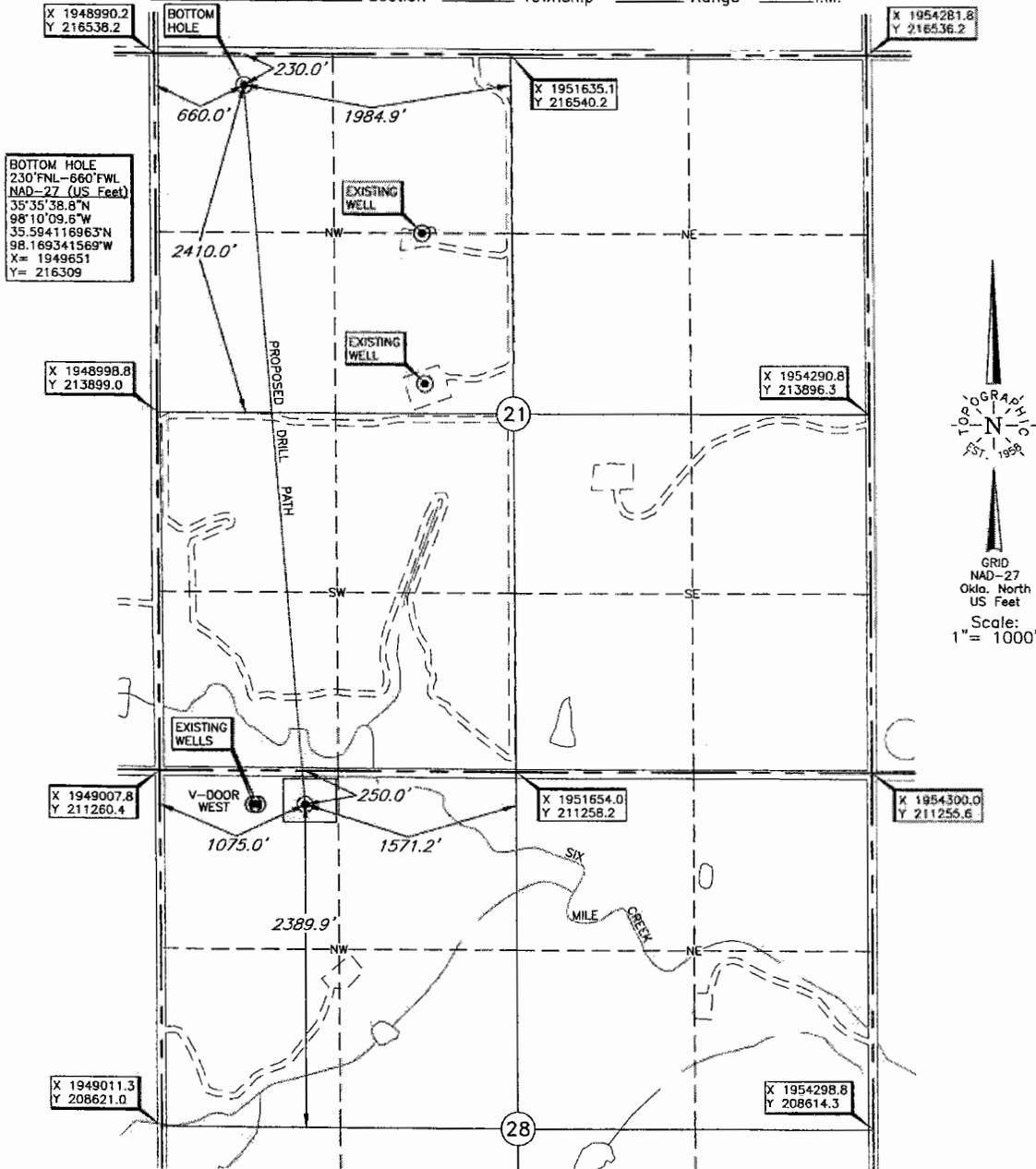
5/28/2014 - G75 - (640)(HOR) 21-13N-9W  
VAC 436180 CGGV, CLVD  
EXT 608787 HXBR  
POE TO BHL NCT 660' FB  
(SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)

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.  
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API 017-24684

CANADIAN County, Oklahoma

250' FNL-1075' FWL Section 28 Township 13N Range 9W I.M.



**NOTE:**

The information shown herein is for construction purposes ONLY.

Bottom Hole and Drill Path information provided by operator listed, NOT Surveyed;

Operator: DEVON ENERGY PRODUCTION CO., LP

Lease Name: NANCY 21-13N-9W

Well No.: 1H ELEVATION: 1485' Gr. at Stake

Topography & Vegetation Loc. fell in terraced wheat field, ±356' East of existing well.

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

Best Accessibility to Location From North off county road.

Distance & Direction from Hwy Jct or Town From Calumet, OK, go ±1.5 mi. South on US Hwy. 270, then ±3.0 mi. West to the NW Corner of Section 28-T13N-R9W.

This information was gathered with a GPS receiver with ±1 foot horiz./vert. accuracy

DATUM: NAD-27  
 LAT: 35°34'46.4"N  
 LONG: 98°10'04.3"W  
 LAT: 35.579560927°N  
 LONG: 98.167857454°W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: OK NORTH  
 X: 1950083  
 Y: 211010

Invoice # 218902 Date of Drawing: Mar. 25, 2014  
 Date Staked: Mar. 24, 2014 SM

**CERTIFICATE:**

I, Thomas L. Howell a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

*Thomas L. Howell*  
 Oklahoma Lic. No. 1433

