

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

API NUMBER: 017 24775

Approval Date: 03/30/2015
Expiration Date: 09/30/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 14N Rge: 9W County: CANADIAN
SPOT LOCATION: SW SW SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 250 1505

Lease Name: THOMPSON 33-14N-9W Well No: 3H 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 DEC 34.428
OKLAHOMA CITY, OK 73102-5010

TOM COFFEY
P.O. BOX 337
OKARCHE OK 73762

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

Name	Depth	Name	Depth
1 WOODFORD	11729	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 571418 Location Exception Orders: Increased Density Orders: 602792
616583
631214

Pending CD Numbers: 201306599

Special Orders:

Total Depth: 16627 Ground Elevation: 1381 **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: No

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 15-29757
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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 33 Twp 14N Rge 9W County CANADIAN

Spot Location of End Point: NE NW NE NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1705

Depth of Deviation: 11374

Radius of Turn: 478

Direction: 2

Total Length: 4504

Measured Total Depth: 16627

True Vertical Depth: 11851

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

Additional Surface Owner	Address	City, State, Zip
JERRY COFFEY	P.O. BOX 113	OKARCHE, OK 73762

Notes:

Category	Description
DEEP SURFACE CASING	3/30/2015 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
DSC	3/30/2015 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
INCREASED DENSITY - 602792	3/25/2015 - G76 - 33-14N-9W X571418 WDFD 8 WELLS DEVON ENERGY PROD. CO., L.P. 10/4/2012
INCREASED DENSITY - 616583	3/25/2015 - G76 - EXT 602792 UNTIL 10/4/2014
INCREASED DENSITY - 631214	3/25/2015 - G76 - EXT 602792 UNTIL 10/4/2015

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017 24775 THOMPSON 33-14N-9W 3H

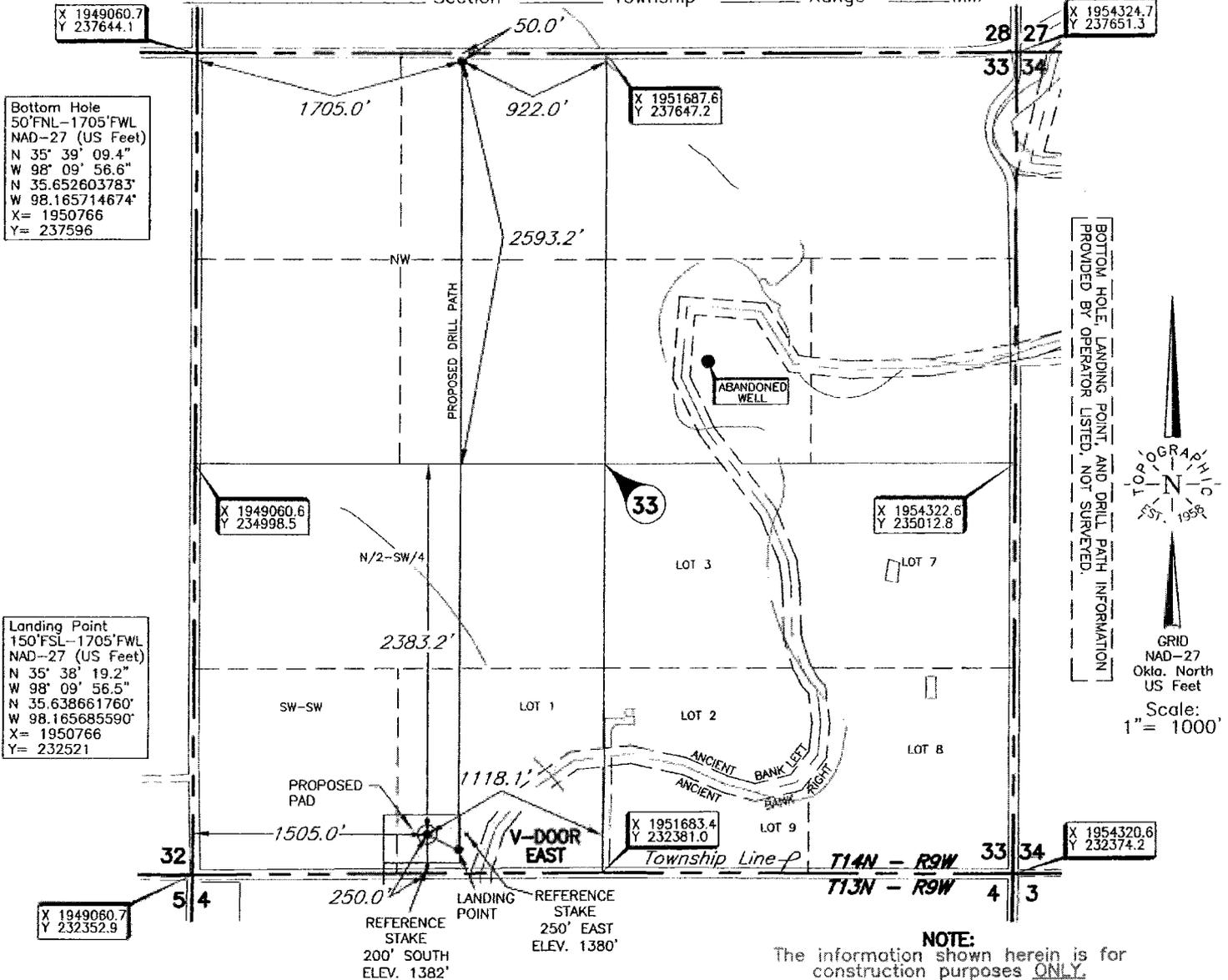
Category	Description
PENDING CD - 201306599	3/25/2015 - G76 - (I.O.) 33-14N-9W X571418 WDFD X165:10-3-28 WDFD MAY BE AS CLOSE AS 500' TO AN EXISTING WELLBORE 1ST PERF NCT 150 FSL, NCT 1500 FWL LAST PERF NCT 150 FNL, NCT 1500 FWL NO OP. NAMED REC. 3/10/2015 (NORRIS)
SPACING - 571418	3/25/2015 - G76 - (640) 33-14N-9W EXT 561502 WDFD EXT OTHERS EST OTHERS

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API 07-24775

CANADIAN County, Oklahoma

250'FSL-1505'FWL Section 33 Township 14N Range 9W I.M.



Bottom Hole
 50'FNL-1705'FWL
 NAD-27 (US Feet)
 N 35° 39' 09.4"
 W 98° 09' 56.6"
 N 35.652603783°
 W 98.165714674°
 X = 1950766
 Y = 237596

Landing Point
 150'FSL-1705'FWL
 NAD-27 (US Feet)
 N 35° 38' 19.2"
 W 98° 09' 56.5"
 N 35.638661760°
 W 98.165685590°
 X = 1950766
 Y = 232521

BOTTOM HOLE, LANDING POINT, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

TOPOGRAPHIC
 EST. 1958

GRID
 NAD-27
 Okla. North
 US Feet

Scale:
 1" = 1000'

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

Operator: DEVON ENERGY PRODUCTION CO., LP

Lease Name: THOMPSON 33-14N-9W

Well No.: 3H

ELEVATION:
1381' Gr. at Stake

Topography & Vegetation Location fell in a level wheat field.

Good Drill Site? Yes

Reference Stakes or Alternate Location
 Stakes Set Reference Stake 200' South of THOMPSON 33-14N-9W; Elev. 1382'
Reference Stake 250' East of THOMPSON 33-14N-9W; Elev. 1380

Best Accessibility to Location From county road South of well location.

Distance & Direction
 from Hwy Jct or Town From Calumet, OK, go ±3.5 mi. North, then ±3.0 mi. West, then ±1.0 mi. South to the SW Corner of Section 33-T14N-R9W.

DATUM: NAD-27
 LAT: 35°38'20.1"N
 LONG: 98°09'58.9"W
 LAT: 35.638929852°N
 LONG: 98.166359302°W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1950566
 Y: 232619

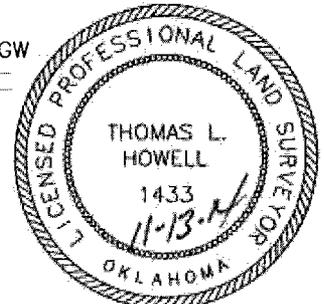
Date of Drawing: Nov. 11, 2014
 Invoice # 234111A Date Staked: Nov. 7, 2014

JGW

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



This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.