

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

API NUMBER: 119 24317

Approval Date: 12/16/2014
Expiration Date: 06/16/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 19N Rge: 2E County: PAYNE
SPOT LOCATION: NW NW NW NE FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 309 9

Lease Name: JARDOT-SOS A 36-19N-2E Well No: 2MH Well will be 309 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

COMMISSIONERS OF THE LAND OFFICE
P.O. BOX 248896
C/O PHILOMENA MUNDELL, ADMIN. ASST.
OKLAHOMA CITY OK 73124

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	4289	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 605008 Location Exception Orders: 633031 Increased Density Orders: 633434

Pending CD Numbers:

Special Orders:

Total Depth: 9144 Ground Elevation: 881 **Surface Casing: 370** Depth to base of Treatable Water-Bearing FM: 120

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: OSCAR

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-28635

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: OSCAR

HORIZONTAL HOLE 1

Sec 36 Twp 19N Rge 2E County PAYNE

Spot Location of End Point: SW SE SE SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 2050

Depth of Deviation: 3976

Radius of Turn: 358

Direction: 186

Total Length: 4606

Measured Total Depth: 9144

True Vertical Depth: 4334

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

Notes:

Category

Description

INCREASED DENSITY - 633434

12/16/2014 - G76 - 36-19N-2E
X605008 MSSP, OTHER
2 WELLS
DEVON ENERGY PROD. COMPANY, LP
11/24/2014

LOCATION EXCEPTION - 633031

12/16/2014 - G76 - (I.O.) 36-19N-2E
X605008 MSSP, OTHERS
1ST PERF NCT 150 FNL, NCT 660 FWL
LAST PERF NCT 150 FSL, NCT 660 FWL
DEVON ENERGY PROD. COMPANY, LP
11/14/2014

MEMO

11/10/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2
- OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 605008

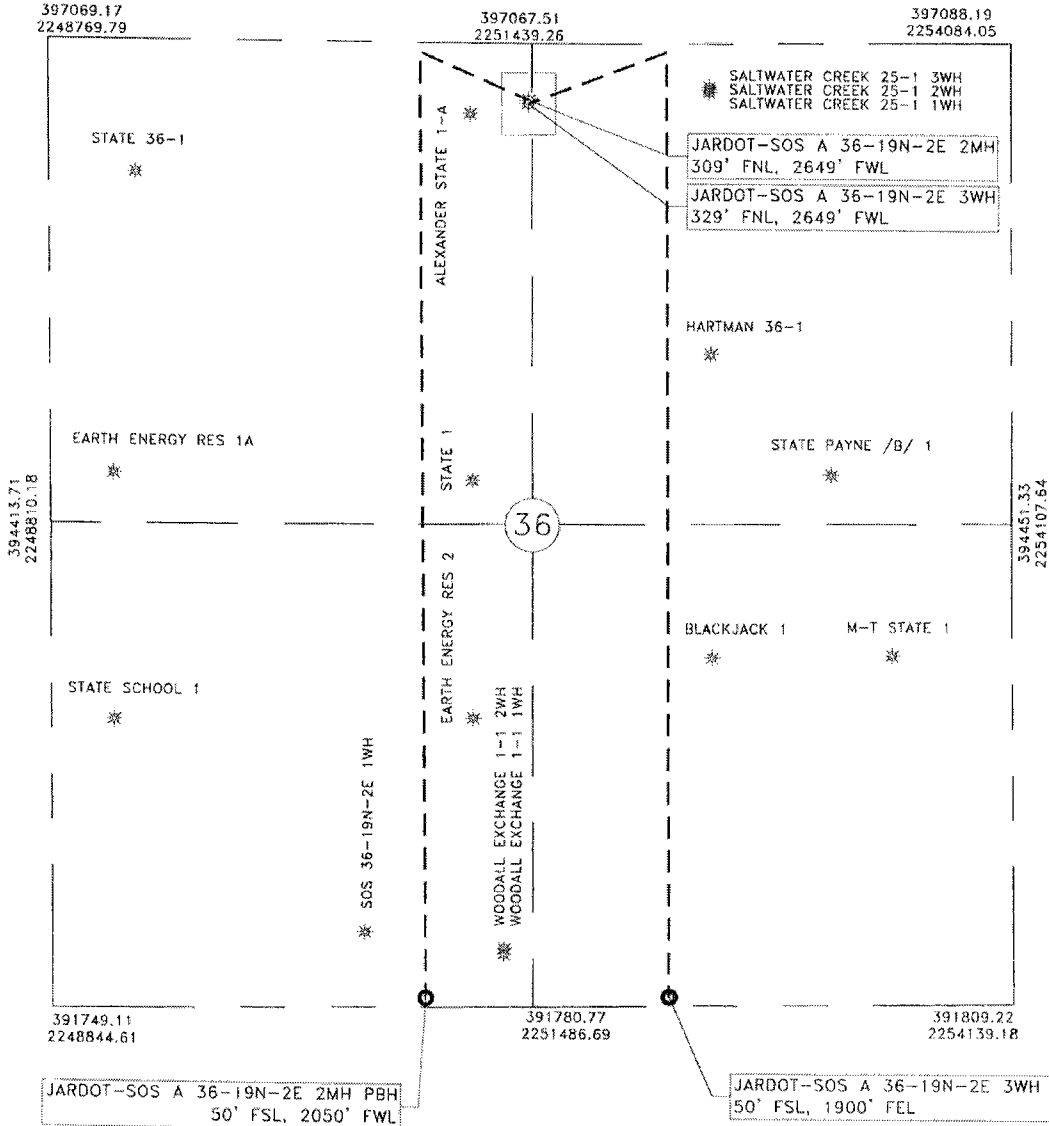
12/16/2014 - G76 - (640)(HOR) 36-19N-2E
EST MSSP, OTHERS
POE TO BHL NCT 660' FB
(COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS; SUPERCEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)

This permit does not address the right of entry or settlement of surface damages.
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API-119-24317

SECTION 36,
T 19 N - R 2 E, I.M.,
PAYNE COUNTY, OKLAHOMA

BASIS OF BEARINGS
GRID NORTH
NAD 83, OK NORTH
VERT. DATUM = NAVD 88



AKH
ADAM K. HINDS
OKLAHOMA L.P.L.S. NO.: 1781
10/21/14

NOTE:
This is a plot of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Review this plot and notify Gateway Services Group, LLC immediately of any possible discrepancy.

LEGEND

- SURFACE HOLE LOCATION = ☼
- PROPOSED BOTTOM HOLE LOCATION = ● (INFORMATION PROVIDED BY CLIENT)
- EXISTING WELL = ☼ (INFORMATION PROVIDED BY OTHERS)
- PROPOSED LATERAL = - - -

Devon Energy Production Company, LP.
333 W. Sheridan
Oklahoma City, OK 73102

devon

PO. BOX 980
WEEKER, OK 74855
OFF. (405) 273-0954
FAX (405) 273-0580
C.A. NO. 4091 (LS)
EXP. DATE 6-30-2016

Gateway
Gateway Services Group, LLC

WELL LOCATIONS
JARDOT-SOS A 36-19N-2E 3WH
JARDOT-SOS A 36-19N-2E 2MH
SECTION 36,
T 19 N - R 2 E, I.M.,
PAYNE COUNTY, OKLAHOMA

DRAWN BY: SBF	DATE: 9/26/14	CHK'D: RLG	
GATEWAY NO.: 14-0830-003 R2	SCALE: 1"=1000'		
W.D.S. NO.: XX-108862, XX-108861			
REV.	DWN.	DESCRIPTION	DATE
1	RLG	MOVED PBH LOCATIONS	10/8/14
2	RLG	MOVED SURFACE LOCATIONS	10/20/14