

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

API NUMBER: 119 24316

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: 329 9

Lease Name: JARDOT-SOS A 36-19N-2E Well No: 3WH Well will be 329 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  
C/O PHILOMENA MUNDELL, ADMIN. ASST.  
P.O. BOX 248896  
OKLAHOMA CITY OK 73124

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

Name	Depth	Name	Depth
1 WOODFORD	4413	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 605008 Location Exception Orders: 633032 Increased Density Orders: 633434

Pending CD Numbers:

Special Orders:

Total Depth: 9242 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: 14-28636

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 SW SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1900

Depth of Deviation: 4070

Radius of Turn: 358

Direction: 171

Total Length: 4609

Measured Total Depth: 9242

True Vertical Depth: 4428

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

Notes:

Category

Description

INCREASED DENSITY - 633434

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

LOCATION EXCEPTION - 633032

12/16/2014 - G76 - (I.O) 36-19N-2E  
X605008 WDFD, OTHERS  
1ST PERF: NCT 150 FSL, NCT 660 FEL  
LAST PERF: NCT 150 FNL, NCT 660 FEL  
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

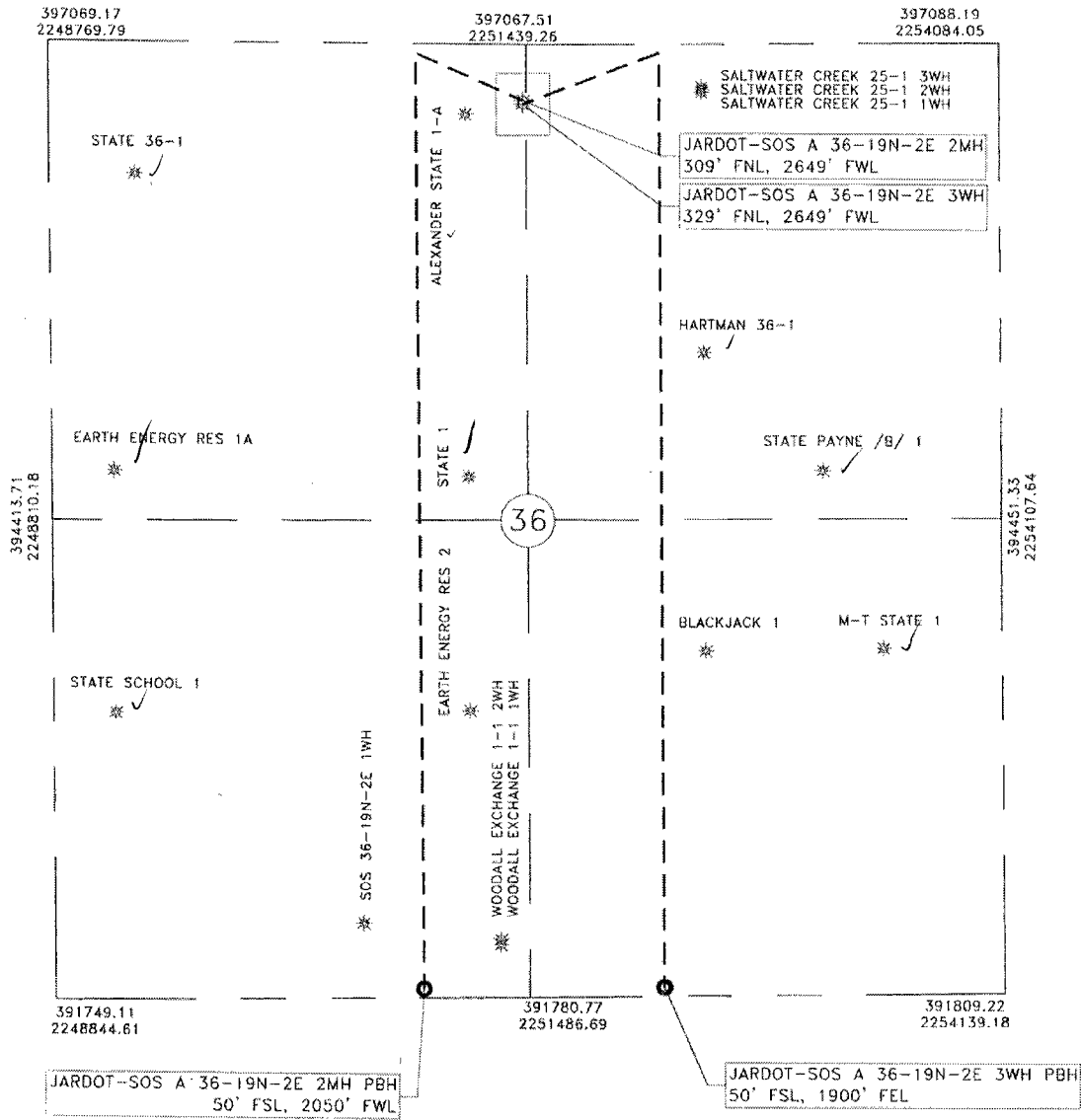
12/16/2014 - G76 - (640)(HOR) 36-19N-2E  
EST WDFD, OTHERS  
POE TO BHL NCT 330' FB  
(COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS; SUPERCEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)

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API-119-24316

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



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

Gateway Services Group, LLC  
 PO. BOX 960  
 MEEKER, OK 74855  
 OFF. (405) 273-0954  
 FAX (405) 273-0580  
 C.A. NO. 4091 (LS)  
 EXP. DATE 6-30-2016



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.H.S. NO.: XX-108862, XX-102861			
REV.	DWN.	DESCRIPTION	DATE
1	RLG	MOVED PBH LOCATIONS	10/8/14
2	RLG	MOVED SURFACE LOCATIONS	10/20/14

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

NOTE:  
 This is a plat 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 plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.