

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

API NUMBER: 119 24060

Approval Date: 04/18/2013  
Expiration Date: 10/18/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 20N Rge: 2E County: PAYNE  
SPOT LOCATION:  NW  SE  SE  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 600 340

Lease Name: YOST 16-20N-2E Well No: 1WH Well will be 340 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 SHERIDIAN AVE DEC 34.428  
OKLAHOMA CITY, OK 73102-5010

COMMISSIONERS OF THE LAND OFFICE  
120 N. ROBINSON, SUITE 1000 W  
OKLAHOMA CITY OK 73102

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	4500	6	
2	WOODFORD	4700	7	
3	MISENER-HUNTON	4725	8	
4	SYLVAN	4750	9	
5	VIOLA	4850	10	

Spacing Orders: 605500

Location Exception Orders: 610412

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 9280

Ground Elevation: 1027

**Surface Casing: 710**

Depth to base of Treatable Water-Bearing FM: 630

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: WELLINGTON

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

PERMIT NO: 13-23138

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: WELLINGTON

HORIZONTAL HOLE 1

Sec 16 Twp 20N Rge 2E County PAYNE

Spot Location of End Point: N2 N2 NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 4241

Radius of Turn: 716

Direction: 355

Total Length: 3914

Measured Total Depth: 9280

True Vertical Depth: 4957

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

Notes:

Category

Description

LOCATION EXCEPTION - 610412

4/18/2013 - G75 - (E.O.) 16-20N-2E  
X605500 MSSP, WDFD, MSRH, SLVN, VIOL  
1ST PERF NCT 150 FSL, NCT 330 FEL  
LAST PERF NCT 150 FNL, NCT 330 FEL  
DEVON ENERGY PROD. CO., L.P.  
4-16-2013

MEMO

4/18/2013 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 -  
OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

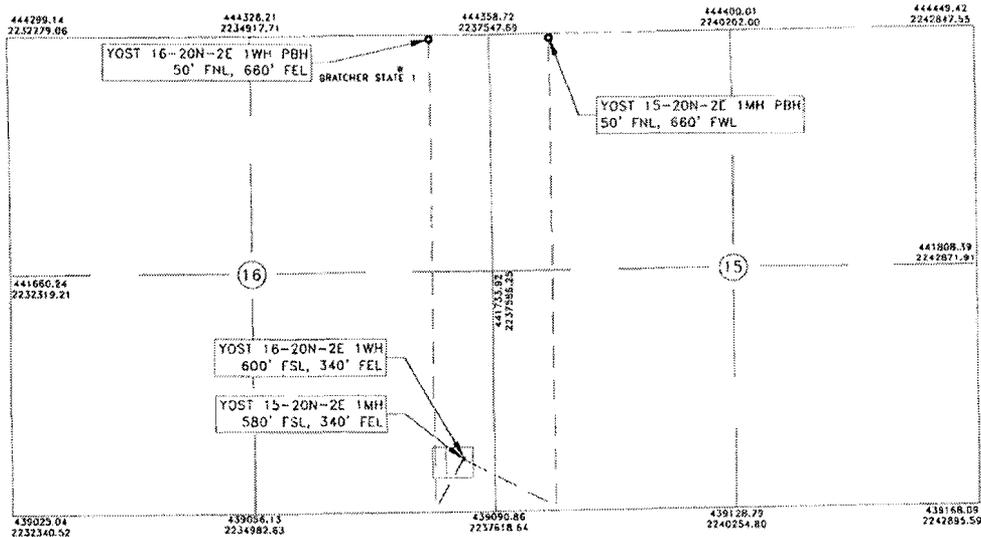
SPACING - 605500

4/18/2013 - G75 - (640)(HOR) 16-20N-2E  
EXT 601946 MSSP, WDFD, MSRH, SLVN  
EST VIOL  
POE TO BHL (WDFD) NCT 330' FB  
POE TO BHL (OTHERS) NCT 660' FB  
(SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH  
PRODUCING NON-HORIZONTAL SPACING UNITS)

API 110-24060

SECTIONS 15 AND 16,  
T 20 N - R 2 E, I.M.,  
PAYNE COUNTY, OKLAHOMA

BASIS OF BEARINGS  
GRID NORTH  
NAD 83, OK NORTH



SCANNED

NOTE: COORDINATES SHOWN IN (PARENTHESES) ARE CALCULATED PER PROPORTIONAL MEASUREMENT

LEGEND

- SURFACE HOLE LOCATION = \*
- PROPOSED BOTTOM HOLE LOCATION = (INFORMATION PROVIDED BY CLIENT) ○
- EXISTING WELL = \*
- PROPOSED LATERAL = - - -

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

devon

Gateway  
Gateway Services Group, LLC

PO. BOX 960  
MEKER, OK 74855  
OFF. (405) 273-0954  
FAX (405) 273-0580  
C.A. NO. 4091 (LS)  
EXP. DATE 6-30-2014

*J. Wyatt Bishop* 4-15-13  
DATE  
J. WYATT BISHOP  
OKLAHOMA L.P.L.S. NO.: 1649

AFE:  
01-04227,  
01-04412

LICENSED PROFESSIONAL LAND SURVEYOR  
J. Wyatt Bishop  
4-15-13  
1649  
OKLAHOMA

WELL LOCATION  
YOST 16-20N-2E 1WH,  
YOST 15-20N-2E 1MH  
SECTIONS 15 AND 16,  
T 20 N - R 2 E, I.M.,  
PAYNE COUNTY, OKLAHOMA

DRAWN BY: RLG		DATE: 4/11/13	CHK'D: RJU
GATEWAY NO.: 12-1561-0006 R1		SCALE: 1"=2000'	
PN:	AFE:		
REV.	OWN.	DESCRIPTION	DATE
1	RLG	AS-BUILT LOCATION/ELEV. UP-DATE	4/15/13

NOTE:  
This plot represents a proposed well site and does not represent a true boundary survey. This location has been very carefully staked on the ground according to the latest G.L.O. records, U.S.G.S. maps and photographs available to us, but its accuracy is not guaranteed. Review this plot and notify Gateway Services Group, LLC immediately of any possible discrepancy.