

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

API NUMBER: 047 24867

Approval Date: 05/21/2014
Expiration Date: 11/21/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 21N Rge: 5W County: GARFIELD
SPOT LOCATION: SE SW SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 245 463

Lease Name: PINTAIL 9-21N-5W Well No: 1WH Well will be 245 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

RON EGGERS
11024 E. LONGHORN TRL.
FAIRMONT OK 73736

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	6040	6	
2	WOODFORD	6556	7	
3	SYLVAN	6606	8	
4	VIOLA	6694	9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201403430
201403431

Special Orders:

Total Depth: 11489 Ground Elevation: 1137 **Surface Casing: 645** Depth to base of Treatable Water-Bearing FM: 520

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: 8000 Average: 5000

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: KINGMAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-27272
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: KINGMAN

HORIZONTAL HOLE 1

Sec 09 Twp 21N Rge 5W County GARFIELD

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 400

Depth of Deviation: 6223

Radius of Turn: 358

Direction: 350

Total Length: 4703

Measured Total Depth: 11489

True Vertical Depth: 6694

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

Notes:

Category

Description

MEMO

5/20/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201403430

5/20/2014 - G72 - (640) (HORZ) 09-21N-05W (E.O.)
VAC OTHERS;
EXT 614053 WDFD;
EST MISS, SLVN, VIOL, OTHER;
MISS, HNTN, VIOL NCT 660 FB;
WDFD, SLVN NCT 330 FB;
SUPERSEDE 70806/369407 MSSLM;
REC 5/20/2014 (OSBURN)

PENDING CD - 201403431

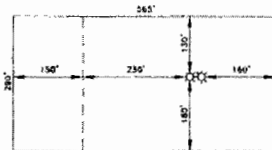
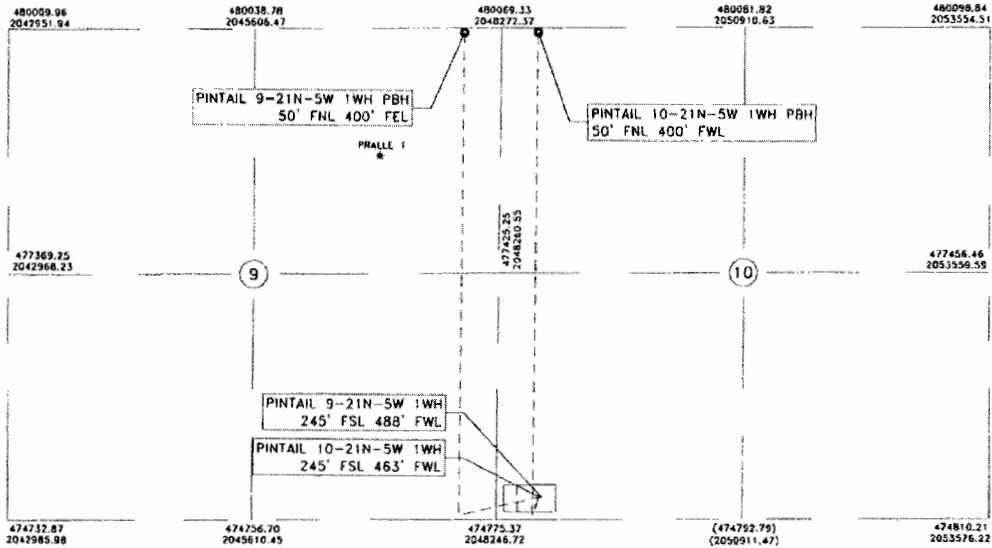
5/20/2014 - G72 - 09-21N-05W (E.O.)
X 201403430 MISS, WDFD, SLVN, VIOL;
COMP INT. NCT 150 FSL NCT 150 FNL NCT 330 FEL (MISS, WDFD, SLVN, OTHER);
COMP INT. NCT 330 FSL NCT 330 FNL NCT 330 FEL (VIOL);
REC 5/20/2014 (OSBORN)

API 04724867

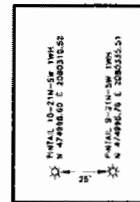
SECTIONS 9 & 10,
T 21 N - R 5 W, I.M.,
GARFIELD COUNTY, OKLAHOMA

BASIS OF BEARINGS
GRID NORTH

NAD 83, OK NORTH
VERT. DATUM = NAVD 88



PAC DETAIL
N.T.S.



SPACING DETAIL - N.T.S.
COORDINATES ARE NAVD 77

LEGEND

- SURFACE HOLE LOCATION =
- PROPOSED BRITTON HOLE LOCATION = (INFORMATION PROVIDED BY CLIENT)
- CASHING WELL = (INFORMATION PROVIDED BY OTHERS)
- PROPOSED LATERAL =



J. Wyatt Bishop 4-3-14
J. WYATT BISHOP DATE
OKLAHOMA L.P.L.S. NO.: 1649

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. Coordinates shown in (parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distance.

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

devon

Gateway
Gateway Services Group, LLC

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

WELL LOCATIONS
PINTAIL 10-21N-5W 1WH,
PINTAIL 9-21N-5W 1WH
SECTIONS 9 & 10,
T 21 N - R 5 W, I.M.,
GARFIELD COUNTY, OKLAHOMA

DRAWN BY: RLC	DATE: 4/3/14	CHK'D: JWB	
GATEWAY NO.: 14-0311-010	SCALE: 1"=2000'		
W.B.S. NO.: XX-103385, XX-103386			
REV.	DWN.	DESCRIPTION	DATE