

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

API NUMBER: 047 24783

Approval Date: 01/17/2014

Expiration Date: 07/17/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 21N Rge: 3W County: GARFIELD
SPOT LOCATION: NE SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 639 190

Lease Name: EASON 27_22-21N-3W Well No: 1WHX Well will be 190 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

JOHN FRED DECKER, SR.
1102 S. 66TH STREET
ENID OK 73701

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5434	6	
2	WOODFORD	5793	7	
3	SYLVAN	5867	8	
4			9	
5			10	

Spacing Orders: 619904
619336

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201308233
201308234
201308235

Special Orders:

Total Depth: 16000 Ground Elevation: 1200 **Surface Casing: 500** Depth to base of Treatable Water-Bearing FM: 190

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: GARBER

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

PERMIT NO: 14-26217

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: GARBER

HORIZONTAL HOLE 1

Sec 22 Twp 21N Rge 3W 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: 4785

Radius of Turn: 955

Direction: 358

Total Length: 8908

Measured Total Depth: 16000

True Vertical Depth: 5890

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

Notes:

Category

Description

DEEP SURFACE CASING

1/17/2014 - 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

MEMO

1/17/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201308233

1/17/2014 - G30 - 22 & 27-21N-3W
X201307723 MSSP, WDFD, SLVN (27-21N-3W)
X201307705 MSSP, WDFD, SLVN (22-21N-3W)
EST MULTIUNIT FOR HORIZONTAL WELL PER OCC165:5-7-62
22-21N-3W (50%)
27-21N-3W (50%)
NO OP. NAMED
REC 1/7/14 (LEAVITT)

PENDING CD - 201308234

1/17/2014 - G30 - 27-21N-3W
X201307723 MSSP, WDFD, SLVN
1ST PERF NCT 150 FSL, NCT 330 FEL
LAST PERF NCT 0 FNL, NCT 330 FEL
NO OP. NAMED
REC 1/7/14 (LEAVITT)

PENDING CD - 201308235

1/17/2014 - G30 - 22-21N-3W
X201307705 MSSP, WDFD, SLVN
1ST PERF NCT 0 FSL, NCT 330 FEL
LAST PERF NCT 150 FNL, NCT 330 FEL
NO OP. NAMED
REC 1/7/14 (LEAVITT)

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Category	Description
SPACING - 619336	1/17/2014 - G30 - (640 HOR) 22-21N-3W EXT 618531 MSSP, WDFD, SLVN, OTHER POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD, SLVN) NCT 330' FB (SUPERCEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)
SPACING - 619904	1/17/2014 - G30 - (640 HOR) 27-21N-3W EXT 604878 MSSP, WDFD, SLVN, OTHER POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD, SLVN) NCT 330' FB (SUPERCEDE SP. 216587 MISS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)

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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.