

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

API NUMBER: 103 24671

Approval Date: 07/11/2014

Expiration Date: 01/11/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 20N Rge: 1W

County: NOBLE

SPOT LOCATION: ☐ NE ☐ SW ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 362 350

Lease Name: WAITS 34-20N-1W

Well No: 1WH

Well will be 350 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 SHERIDAN AVE DEC 34.428  
OKLAHOMA CITY, OK 73102-5010

DAVID A. WAITS  
18410 W. 6TH  
ORLANDO OK 73073

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

	Name	Depth		Name	Depth
1	MISSISSIPPIAN	4952	6	VIOLA	5260
2	WOODFORD	5195	7	SIMPSON	5270
3	MISENER	5210	8		
4	HUNTON	5230	9		
5	SYLVAN	5250	10		

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201404305  
201404306

Special Orders:

Total Depth: 9993

Ground Elevation: 1034

**Surface Casing: 500**

Depth to base of Treatable Water-Bearing FM: 90

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: 14-27705

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 34 Twp 20N Rge 1W County NOBLE

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 860

Depth of Deviation: 5215

Radius of Turn: 358

Direction: 5

Total Length: 4574

Measured Total Depth: 9993

True Vertical Depth: 5270

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

Notes:

Category

Description

DEEP SURFACE CASING

7/9/2014 - 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

7/9/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201404305

7/11/2014 - G72 - (640 HORZ ) 34-20N-01W (E.O.)  
VAC 179979 RFRM BY 194927 & 227093 MSSP, MSNR, HNTN, VIOL, SMPSD, WLCX1, WLCX2;  
EST MSSP, WDFD;  
EXT 607263 MSNR, HNTN, SLVN, VIOL, SMPS;  
MSSP, MSNR, HNTN, VIOL, SMPS NCT 660' FB;  
WDFD, SLVN NCT 330' FB;  
REC 7/7/2014 (DECKER)

PENDING CD -201404306

7/11/2014 - G72 - 34-20N-01W (E.O.)  
X 201404305 MSSP, WDFD, MSNR, HNTN, SLVN, VIOL, SMPS;  
COMP INT. (MSSP, WDFD, MSNR, HNTN, SLVN) NCT 150 FSL NCT 150 FNL NCT 330 FWL;  
COMP INT. (VIOL, SMPS) NCT 330 FSL NCT 330 FNL NCT 330 FWL;  
NO OPER NAMED;  
REC 7/7/2014 (DECKER)

This permit does not address the right of entry or settlement of surface damages.

103 24671 WAITS 34-20N-1W 1WH

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

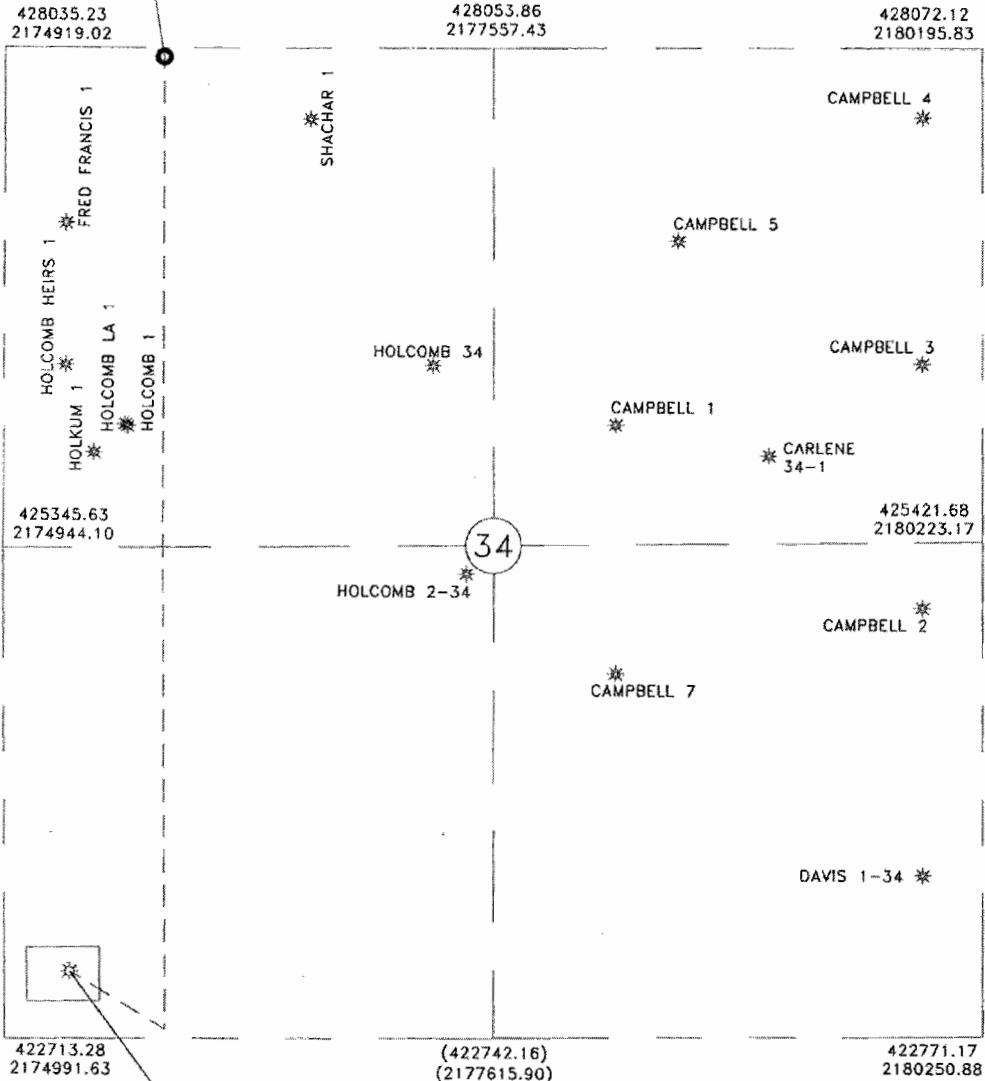
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

API 103 246 71

SECTION 34,  
T 20 N - R 1 W, I.M.,  
NOBLE COUNTY, OKLAHOMA

WAITS 34-20N-1W 1WH PBH  
50' FNL, 860' FWL

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



WAITS 34-20N-1W 1WH  
362' FSL, 350' FWL

LEGEND

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



*J. Wyatt Bishop* 7-1-14  
J. WYATT BISHOP  
OKLAHOMA L.P.L.S. NO.: 1649

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

devon

Gateway  
Gateway Services Group, LLC

P.O. BOX 960  
WEEKER, OK 74855  
OFF. (405) 273-0954  
FAX (405) 273-0580  
C.A. NO. 4091 (LS)  
EXP. DATE 5-30-2016

WELL LOCATION  
WAITS 34-20N-1W 1WH  
SECTION 34,  
T 20 N - R 1 W, I.M.,  
NOBLE COUNTY, OKLAHOMA

DRAWN BY: SBF		DATE: 6/24/14	CHK'D: BJH
GATEWAY NO.: 14-0558-006 R1		SCALE: 1"=1000'	
W.B.S. NO.: TBD			
REV.	DWN.	DESCRIPTION	DATE
1	RLG	REMOVED PRODUCTION PAD	6/30/14

NOTES:  
This plat 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 plat 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.