

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED

State of New Mexico
Energy Minerals and Natural Resources

FEB 16 2011
Oil Conservation Division
220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
June 16, 2008

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Devon Energy Production Company, LP		OGRID Number 6137
Property Code 30875		API Number 30 - 025-35424
Property Name Outland State Unit		Well No. 6
Proposed Pool 1 <91677> Wildcat 52134 UP; Wolfcamp <91677>		Proposed Pool 2

UL or lot no. Q	Section 214	Township 21S	Range 34E	Lot Idn	Feet from the 1650'	North/South line South	Feet from the 990'	East/West line East	County Lea
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Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Additional Well Information

Work Type Code P	Well Type Code G	Cable/Rotary	Lease Type Code S	Ground Level Elevation 3,270'
Multiple	Proposed Depth TD: 13,570' PBD: 12,765'	Formation Wolfcamp	Contractor	Spud Date 6/20/2001

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/4"	13 3/8"	54.50# J-55	1443'		Surface
12 1/2"	9 5/8"	40.00# N-80	1983'		Surface
	9 5/8"	40.00# HCK-55	1983' - 5765'		Surface
7 3/4"	5 1/2"	17.00# P-110	13,570'		10,450'

Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

- 1) MIRU WSU. ND WH. NU BOP. Unset pkr. POOH prod tbg.
- 2) MIRU WL. RIH w/GR JB. RIH & set 5 1/2" CIBP @ 12,800'. Dump 35' cmt on plug. RDMO.
- 3) RIH w/5 1/2" pkr & 2 3/8" tbg to 10,550'. PT csg to 1000#, move pkr uphole, PT csg to isolate leak(s) to within 50' either side of goo pipe. PT Annulus above top leak(s) to 1000#.
- 4) Perform injection test via tbg @ 1/2, 1, 2 & 3 BPM not to exceed 1,500# @ surface.
- 5) MIRU cmtg crew. Pump tbg capacity w/2% KCL. Pump 10 bbls freshwtr, mix & pump cmt followed by 10 bbls freshwtr spacer then required 2% KCL to finish flush. Rvrse circ w/2% KCL. RDMO cmt crew.
- 6) RIH w/bit, drill out cmt retainer & cmt. CHC. PT csg.
- 7) MIRU WL. Run GR/CCL correlation strip. Perf w/3 1/8" slick guns - 0.40 EHD. Correlate to schlumberger Platform Express Three Detector Litho Density Compensated Neutron log dated Aug 8, 2001. Perf @ 11,632-38', 642-46', 650-54' & 663-77' 3 SPF 84 total holes. RDMO WL
- 8) Hydrotest tbg @ 8000# (below slips) while RIH w/5 1/2" pkr, SN & 2 3/8" tbg to ~ 11,500'.
- 9) ND BOP. NU WH. PT WH & valves. PT pkr & annulus.
- 10) MIRU stimulation unit. Acid fracture stimulate Wolfcamp perms w/15% HCL & ball sealers via tbg. RDMO.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name: **Spence Laird**

Title: **Regulatory Analyst**

E-mail Address: **spence.laird@dvn.com**

Date: **2/15/2011**

Phone: **405-228-8973**

OIL CONSERVATION DIVISION

Approved by:

Title:

PETROLEUM ENGINEER

Approval Date: **MAR 08 2011**

Expiration Date:

Conditions of Approval Attached ☐

Back

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DISTRICT II

811 South First, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised March 17, 1989

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35424	Pool Code 97677	Pool Name Wildcat Wolfcamp
Property Code 30875	Property Name OUTLAND STATE UNIT	Well Number 6
GRID No. 6137	Operator Name Devon Energy Production Company, LP	Elevation 3703'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Q	2	21 S	34 E		1650	SOUTH	990	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 12 - 40.0 AC.	LOT 11 - 40.0 AC.	LOT 10 - 40.0 AC.	LOT 9 - 40.0 AC.
LOT 13 - 40.0 AC.	LOT 14 - 40.0 AC.	LOT 15 - 40.0 AC.	LOT 16 - 40.0 AC.

Lot - N32°30'19.0"
 Lon - W103°26'07.0"

3704.0' 3694.7'
 3712.0' 3702.8'
 990'
 1650'

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Spence Laird
Signature

SPENCE LAIRD
Printed Name

REGULATORY ANALYST
Title

2/15/2011
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

February 14, 2001
Date Surveyed

Gary L. Jones
Signature

GARY L. JONES
Professional Surveyor

NEW MEXICO
W.O. No. 11278

Certificate No. Gary L. Jones 7977

PROFESSIONAL LAND SURVEYOR
BASIN SURVEYS

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: OUTLAND STATE UNIT #6		Field: WILSON	
Location: 1650' FSL & 990' FEL; SEC 2-21S-R34E		County: LEA	State: NM
Elevation: 3720' KB; 3703' GL; 17' KB to GL		Spud Date: 6/20/01	Compl Date: 8/27/01
API#: 30-025-35424	Prepared by: Ronnie Slack	Date: 9/24/10	Rev:

17-1/2" hole
13-3/8", 54.5#, J55, @ 1443'
 Cmt'd w/1160 sx, cmt to surf.

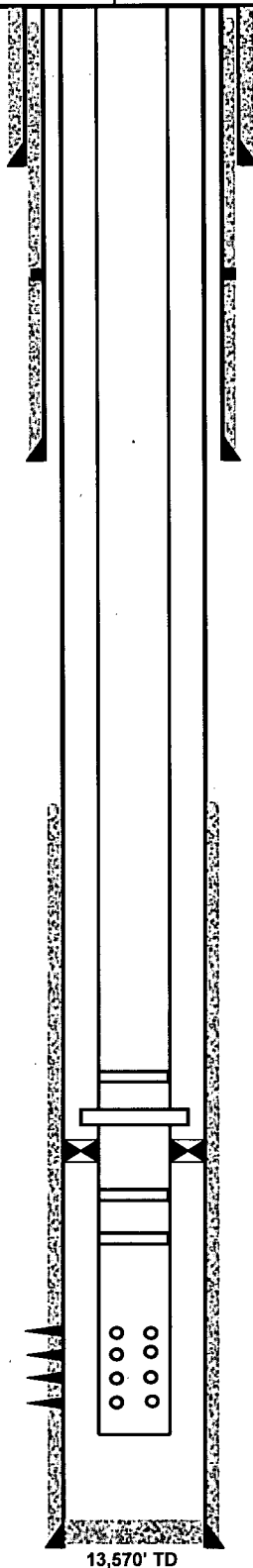
DV tool @ 3630'

12-1/4" hole
9-5/8", 40#, N80 & HC-K55, LT&C @ 5,765'
 Cmt Stg 1 400 sx lead; 150 sx tail
 Cmt Stg 2 1250 sx lead; 200 sx tail
 (gray water to surface)

TOC @ 10450' (CBL-8/21/01)

MORROW (8/26/01)
 12900' - 13010'; 13016' - 13026'
 13098' - 13105'; 13108' - 13112'
 13115' - 13117'; 13136' - 13139'
 13151' - 13155'

8-3/4" Hole
5-1/2", 17#, HCP-110, LTC, @ 13,570'
 Cmt'd w/700 sx



Notes:

11/23/05: tagged collar stop @ 12782 (top of f nipple, dropped solid plunger to fish McClean plunger, unable to fish McClean plunger.
 11/21/07: fished plunger, swab
 5/18/09: swab, checked plunger. Good, drop plunger.
 6/19/09: swab, drop plunger.
 11/5/09: broach tight spot at 12780'.
 7/23/10: fished dual plunger, swab dry. (not sure if plunger is still in well)

2-3/8", 4.7#, P110 AB-Mod production tubing

F Nipple (1.81 ID) @ 12774
 1 jt 2-3/8" tbg (32.07')
 On/Off w/1.81 profile @ 12807
Arrowset 1X Packer @ 12808 (7.25") (run 8/25/01)
 2-3/8" pup (10.1')
 F Nipple (1.81 ID) @ 12826
 1 jt 2-3/8" tbg (32.10')
 R Nipple (1.81 ID) 1.76 no go @ 12859
 1.81 Owens mech gun release @ 12892
 1 jt 2-3/8" tbg (31.95')
 Bar vent assembly (1.32')
 1 jt 2-3/8" tbg (32.07')
 No go sub
 1 jt 2-3/8" tbg (32.11')
 Mech firing head
 TCP stim guns for perms 12998-13139 (157')

13,484' PBTD