

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
June 16, 2008

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Devon Energy Production Company L.P. ✓ 20 North Broadway OKC, OK 73102-8260		² OGRID Number 6137
		³ API Number 30-015-34941
⁴ Property Code 35752 -	⁵ Property Name Ocotillo 6 State ✓	⁶ Well No. ✓ 1
⁹ Proposed Pool 1 Sheep Draw; Strawn ✓ 12		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	6	23S	26E		1330	North	690	East	Eddy ✓

⁸ 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

Additional Well Information

¹¹ Work Type Code Recomplete	¹² Well Type Code Gas	¹³ Cable/Rotary R	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3379
¹⁶ Multiple N	¹⁷ Proposed Depth 11,715' (Actual)	¹⁸ Formation Atoka	¹⁹ Contractor	²⁰ Spud Date 12/24/2006
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic ☐ _____ mils thick Clay ☐ Pit Volume: _____ bbls Drilling Method:				
Closed-Loop System (C-144 CLEZ attached) ☒ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

²¹ Current Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	714'	650 sx CLC	Surface
12 1/2"	9 5/8"	40#	1629'	550 sx CLC	Surface
8 3/4"	5 1/2"	17#	11715'	3020 sx CLC/H	Surface

²² 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.

Devon proposes to recomplete from the Atoka to the Strawn; abandon Atoka. See attached procedures:

- Depth to groundwater is 50' or more, but less than 100'; distance to surface water is approx 1000' or more, well is not in the wellhead protection area.
- No earthen pit to be constructed, closed loop system to be utilized; see attached Form C-144 CLEZ.
- No H2S is expected to be encountered; H2S plan provided previously. 3000# Double Ram BOP to be used.
- Completion papers to be filed if a successful test; or subsequent report of work if no economic reserves.
- If it is deemed non-commercial then it will be plugged and abandoned in accordance with the rules and regulations established by the New Mexico OCD.

Note: CIBP set @ 10,400' + 35' cmt.

RECEIVED

FEB 17 2011

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .	OIL CONSERVATION DIVISION ARTESIA	
Printed name: Stephanie A. Ysasaga	Approved by:	
Title: Sr. Staff Engineering Technician	Title:	
E-mail Address: Stephanie.Ysasaga@dmn.com	Approval Date: 3/9/2011	Expiration Date: 3/9/2013
Date: 02/16/2011	Phone: (405)-552-7802	Conditions of Approval Attached ☐

DISTRICT I
1628 N. French Dr., Hobbs, NM 88240

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-34941	Pool Code 8516c	Pool Name SHEEP DRAW; STRAWN ✓
Property Code 35752	Property Name OCOTILLO "6" STATE	Well Number 1
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY LP	Elevation 3381'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	6	23 S	26 E		1330	NORTH	690	EAST	EDDY

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 320.31	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

RECEIVED FEB 17 2011 NMDCD ARTESIA	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>[Signature]</i> Date: _____ STEPHANIE A. YSASAGA Printed Name
	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. NOVEMBER 27, 2006 Date Surveyed: _____ Signature: <i>[Signature]</i> Professional Surveyor No. 7977 Certificate No. Gary L. Jones 7977 BASIN SURVEYS

119

Ocotillo 6 State #1
AFE # - 148218

Objective - Abandon Atoka. Recomplete Strawn.

Spud - 12/26/06
API# - 30-015-34941
County - Eddy
GL - 3,380'
TD - 11,730'

Completion - 2/20/07
State - New Mexico
Location - Sec 6-T23S-R26E: 1330' FNL & 690' FEL
KB - 3,398' (18')
PBSD - 10,990'

Casing	OD	WT/FT	Grade	Top	Bottom	TOC	Burst (psig)	Collapse (psig)
Surface	13-3/8"	48.00#	J-55	0'	714'	Surface	1,730	770
Intermediate	9-5/8"	40.00#	J-55	0'	1,629'	Surface	3,950	2,570
Production	5-1/2"	17.00#	P-110	0'	11,715'	Surface	10,640	7,460
Tubing								
Production	2-7/8"	6.50#	L-80	0'	10,391'	-	10,570	11,160

Current perforations - Atoka - 10,447-49', 10,758-64' Morrow - 11,021-24', 11,032-36', 11,062-65', 11,263-75'

Procedure

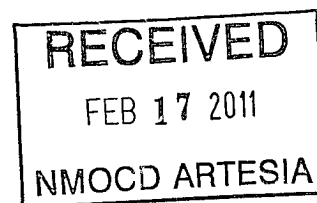
- 1) Test anchors. MIRU WSU. ND WH. NU BOP. Release pkr. POOH w/ production tbg.
- 2) MIRU WL unit. Set CIBP @ 10,400'. Dump 35' cmt on plug. Test plug to 1,000 psig. RIH w/ 3-1/8" slick guns. Correlate to Schlumberger Platform Express Three Detector Lithology Density Compensated Neutron log dated Jan 22, 2007. Perforate as follows:

	Top	Bottom	Feet	Phasing	SPF	Holes
Strawn	10,132'	10,136'	4	60°	3	12
	10,202'	10,214'	12	60°	3	36
	10,284'	10,287'	3	60°	3	9
	10,314'	10,317'	3	60°	3	9
Total Feet			22	Total Holes		66

RDMO WL unit.

- 3) RIH w/ 5-1/2" pkr & 2-7/8" tbg. Set pkr @ 10,050'. Test pkr to 500 psig.
- 4) ND BOP. NU WH. Swab tbg dry.
- 5) MIRU stimulation unit. Apply 500 psig on tbg/csg annulus & monitor throughout job. Acid fracture stimulate Strawn perms @ 10,132-317' via tbg per BJ proposal.
- 6) Swab well on production.
- 7) RDMO.

2/7/2011



DEVON ENERGY PRODUCTION COMPANY LP

Well Name: OCOTILLO 6 STATE #1		Field: CATCLAW DRAW	
Location: 660' FNL & 1020' FEL; SEC 6-T23S-R26E		County: EDDY	State: NM
Elevation: 3396' KB; 3379' GL		Spud Date: 12/26/06	Compl Date:
API#: 30-015-34941	Prepared by: Ronnie Slack	Date: 12/29/09	Rev:

17-1/2" hole
13-3/8", 48#, J55, ST&C, @ 714'
 Cemented w/650 Sx to surf

12-1/4" hole
9-5/8", 40#, J55, LT&C, @ 1629'
 Cemented w/550 Sx to surf

DV Tool @ 4495'

DV Tool @ 7972'

2-7/8", L80, Production Tubing (12/23/09)

Arrowset Packer top @ 10,391' (12/23/09)

ATOKA (12/23/09)
 10447' - 10449'
 10758' - 10764'

12/29-acidized w/000 gals, 7.5% HCl

MORROW (2/13/08)
 11021' - 11024'; 11032' - 11036'; 11062' - 11065'

2/20/08-fraced w/1500 gals 7.5% HCl & 32473# 20/40

MORROW
 11263' - 11275' 4 spf, 90° (2/20/07)

2/21/07: acidized 11263-11275 w/1000 gals isosol

4/3/07: Fraced 11263-11275 w/54K#, 18/40, 29K gals soectra star 3000

8-3/4" Hole
5-1/2", 17#, HCP-110, @ 11,715'
 Cemented w/ 3170 Sx to surf

5' sand on top
 CBP @ 10,990' (12/22/09)

CBP @ 11,240' (2/13/08)

11,670' PBTD

11,730' TD

Schlumberger

DEVON ENERGY CORPORATION

Ocotillo 6 State 1
Sheep Draw Strawn
Eddy State New Mexico

Field: Sheep Draw Strawn Location: 1330' FNL & 690' FEL Well: Ocotillo 6 State 1 Company: DEVON ENERGY CORPORATION	PLATFORM EXPRESS Three Detector Lithology Density Compensated Neutron Log, Caliper			
	1330' FNL & 690' FEL Section 6, Township 23S, Range 26E		Elev.: K.B. 3398 ft G.L. 3380 ft D.F. 3397 ft	
	Permanent Datum: <u>GROUND LEVEL</u> Log Measured From: <u>KELLY BUSHING</u> Drilling Measured From: <u>KELLY BUSHING</u>		Elev.: <u>3380 ft</u> 18.0 ft above Perm. Datum	
	API Serial No. 30-015-34941	Section 6	Township 23S	Range 26E
Logging Date		22-Jan-2007		
Run Number		One		
Depth Driller		11715 ft		
Schlumberger Depth		11737 ft		
Bottom Log Interval		11729 ft		
Top Log Interval		1621 ft		
Casing Driller Size @ Depth		8.625 in @ 1615 ft		
Casing Schlumberger		1621 ft		
Bit Size		7.875 in		
Type Fluid In Hole		Brine		
Density	Viscosity	9.55 lbm/gal	36 s	
Fluid Loss	PH	10 cm3	10	
Source Of Sample		Mud Pits		
M @ Measured Temperature		0.088 ohm.m	@ 44 degF	@
MF @ Measured Temperature		0.088 ohm.m	@ 44 degF	@
MC @ Measured Temperature			@	@
Source RMF	RMC	Rm=Rmf		
M @ MRT	RMF @ MRT	0.024 @ 177	0.024 @ 177	@ @
Maximum Recorded Temperatures		177 degF		
Circulation Stopped	Time	22-Jan-2007	6:00	
Logger On Bottom	Time	22-Jan-2007	14:23	
Well Number	Location	2329	Hobbs, NM	
Recorded By	Chuck Speck			
Witnessed By	Curt McKinney			

