

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  
May 27, 2004

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

NOV 21 2008

Submit to appropriate District Office

☐ AMENDED REPORT

OCD-ARTESIA

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

<sup>1</sup> Operator Name and Address Devon Energy Production Company L.P. 20 North Broadway OKC, OK 73102-8260		<sup>2</sup> OGRID Number 6137
		<sup>3</sup> API Number 30 -015-24129
<sup>5</sup> Property Code	<sup>6</sup> Property Name Craft	<sup>8</sup> Well No. 1
<sup>9</sup> Proposed Pool 1 SALT DRAW, Upper Penn		<sup>10</sup> Proposed Pool 2 97594

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	13	24S	28E		1980	North	660	West	Eddy

<sup>8</sup> 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

<sup>11</sup> Work Type Code A	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code Fee	<sup>15</sup> Ground Level Elevation 2972' GR
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 12,983'	<sup>18</sup> Formation Upper Penn Shale	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 4/30/1982
6 Depth to Groundwater		6 Distance from nearest fresh water well		6 Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____ mls thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	94.0#	352'	800sx Cl C	Surface
17 1/2"	13 3/8"	61 & 54.5#	2654'	2200 sx C	Surface
12 1/4"	9 5/8"	47 & 43#	9900'	2400 sx Lite H	3675' (TS)
	7 5/8"	39#	12,099	750 sx	9400' Tag
	5"	18#	12,981	255 sx	11,862' Tag

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. DEVON ENRGY PRODUCTION L.P. respectfully requests to recomple to the Upper Penn Shale.

1. MIUL 11,100' 2-3/8" / 4.7 ppf/N-80/ EUE production tbq, plus 11,000' of 4 1/2" / 12.75# / P-110 frac string.
2. MIRU WSU. NU BOP. Test per company guidelines.
3. Ensure well is dead. POH w/ 2-7/8" and LD WS.
4. MIRU WL service unit. NU WL BOPE. Test per company guidelines.
5. RIH CIBP set above Atoka perfs @ ~11,750'. Dump bail 35' cmt on top of CIBP.



<sup>23</sup> 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 NMOC guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Judy A. Barnett		Approved by: <i>Jim W. Brown</i>	
Title: Regulatory Analyst		Title: <i>District II Supervisor</i>	
E-mail Address: Judith.Barnett@dvn.com		Approval Date: 12/10/08 Expiration Date: 12/10/10	
Date: 11/20/08	Phone: 405-228-8699	Conditions of Approval Attached <input type="checkbox"/>	

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CRAFT #1

API# 30-015-24129

11/20/08

C-144CLEZ submitted (11/14/08 under separate cover)

6. RIH w/4" csg gun perf U. Penn Shale 11,156-405' @1 SPF: 250 shots. 60° phased. Correlate CRC GR-CCL dated 8/12/1982 . RD WLSU.
7. RIH w/ treating pkr on 4½" frac string &set above new perfs @ ~11,100' Hydro-test tbg to 8000 psi.
8. RU B.J. services. FRAC w/ ~150k# 40/70, 20/40 prop in ~500k g linear gel, per BJ Services proposal (to follow). Tie into back side w/PT and pump @ 0.5 BPM during frac.
9. Record ISDP, then force close and flow well back immediately at ½ to 1 BPM through flowback separator and test until further notice. RD BJ.
10. PU & lubricate in a WL re-entry guide, 1.81" R-profile nipple w/ no-go and pump-out plug, pup joint, 7-5/8" WL-set, tbg retrievable production pkr (Arrowset) rated to 10k psi, and on/off tool w/ 1.87" F- profile on WL. Position end of assembly at ~11,100' & set pkr. POH w/ setting tool. RD WLSU.
11. RIH w/ on/off shuck and 2-3/8"/4.7 ppf/ N-80/ EUE production tbg. Circ tbg-csg annulus w/ pkr fluid (2% KCl w/ oxygen scavenger), then latch onto on/off tool. NU 10,000 psi production tree. Test. RD WSU



DEVON ENERGY CORP CRAFT #1 (GAS)  
PIERCE CROSSING NORTHWEST Field, EDDY Co, NM Area: POTATO BASIN AF  
1980' FNL, 660' FWL, Sec 13, 24S 28E. Elev: 2994.0' (22.0' AGL)

Last updated by:  
Jim Cromer 01/23/2007

## PARTIAL SCHEMATIC (9000' - TD)

TOC = 9500' ( )

9 625" csg @ 9900'

2 875" tbg @10720' (OE )

10828-10975'  
(WOLFCA)

11868-11884'  
(ATOKA)

PF 11792-11797' (ATOKA)

PF.11928-11940' (ATKA)

7 625" csg @12099'  
w/2400 sx

PF 12536 -12716' (MORROW)

5 000" lnr. 11913'  
-12981' w/ 0 sx

TD = 12983'

Comments:

API# 30-015-24129  
Current status. SI

Surface Casing Record  
20.000' / 94.00# / 8RD @ 352'

Intermediate Casing Record  
13.375' / 54.50# / / @ 2654'  
61.00# / / @ 2654'

2nd Intermediate Csg Record  
9 625' / 47 00# / / @ 0' - 9900'

Production Casing Record  
7.63' / 39.00# / S-95/ 8RD @ 12099'  
39.00# / P110 @ 0'

Production Liner Record  
5 00' / 18 00# / N80 / FL4S @ 11913'-12981'

Tubing Record  
2.875' / 6.50# / N-80/ EUE @ 10720'

### Well History (spudded 04/30/1982):

9/24/1982 - DC. Set 9.625" csg @ 9900' .cmt w/ 2400 sx.  
Set 7-5/8" production liner @ 12099' and 5" production liner  
fm 11913 - 12981'. Complete ATOKA 11868'- 11884'. (IP  
0 BO, 3469 MCF, 0 BW).

2/18/97 - Pf MORROW 12536 - 12716', swab test  
(unsuccessful).

05/05/1997: complete WOLFCAMP 10828'- 10975'. ACDZ  
10828'- 10975' w/ 2200 G 20% HCI (IP 0 BO, 238 MCF, 0  
BW).

11/05 - TA'd w/ plug in packer @ 10695'. Conduct MIT OK,  
left well TA'd.

9/08 - Recompletion. Drilled out 7-5/8" CIBP @ 11,721'  
pushed on top of 5" liner. Drilled up CIBP. Dressed liner  
top. Hydrotest tbg in hole. Tag w/mill @ 11913' - taper 8"  
w/ mill. Pf ATOKA 11928 - 11940 2 SPF. ACDZ 11928  
-11940 w/ 1500 G 15% + 40 BS. Ball action, no ball-out.  
AIR = 4 BPM @ 4000#. ISDP 3052#, vac in 3 min. 103  
BLTR. Swab 94 bbl back, no gas. RIH open-ended tubing  
to 10698'. Install 2-7/8" screw-in gate valve 2-7/8" plug w/  
ball valve .press gauge.

### Plugs:

CIBP @12265'  
FLTC @12883'

### Perf Detail

Interval	spf	Date
10828-10834'	0	/ /
10970-10975'	0	/ /
11792-11797'	0	/ /
11868-11884'	0	/ /
12536-12716'	0	/ /