

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMLM0107697
2. Name of Operator DEVON ENERGY PRODUCTION CO., LP Contact: TRINA C COUCH E-Mail: TRINA.COUCH@DVN.COM		6. If Indian, Allottee or Tribe Name
3a. Address DEVON ENERGY PRODUCTION CO., LP 333 WEST 5TH OKLAHOMA CITY, OK 73102-5015	3b. Phone No. (include area code) 918-280-7200	7. If Unit or CA/Agreement, Name and/or No. NMLC0107697
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T19S R31E 1030FNL 225FWL		8. Well Name and No. ANTARES 23 FED COM 1H
10. Field and Pool, or Exploratory 102-1088; BONE SPRING W.		9. API Well No. 30-015-41105
11. County or Parish, and State EDDY COUNTY COUNTY, OK		

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production Company L.P. respectfully requests approval to change the BHL on the approved APD:

Current BHL: 400' FNL & 340' FEL Section 23 19S31E

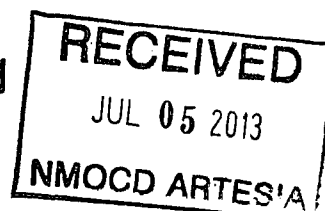
TO

Proposed BHL: 970' FNL & 340' FEL Section 23 19S23E

Accepted for record

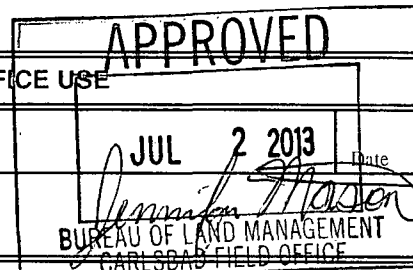
NMOCD

7/5/2013



Original COAs still stand. Submit C-102 when well is drilled.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #209254 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO., LP, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 06/06/2013 ()	
Name (Printed/Typed) TRINA C COUCH	Title REGULATORY ASSOCIATE
Signature (Electronic Submission)	Date 06/03/2013
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By	Title
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	
Office	



Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #209254 that would not fit on the form

32. Additional remarks, continued

Please see the following attachments:

Directional Survey

Proposal Report 1

Proposal Report 2

C-102

WELL	Devon Antares 23 Federal Com #1H	FIELD	NM Eddy County (NAD 83)	STRUCTURE	H&P 300
Mapsheet Parameters	Model: BGCN 2013	Dep: 40 477	Date: May 28, 2013	Surface Location	NAD83 New Mexico State Plane, Eastern Zone, US Feet
Map Date: 7/6/13	Mag Dec: 7.616°	FS: 486/7.5/1	Lat: N 32 39 1.395	Longitude: 60083.49 N/S	Grid Cont: 0.262°
			Long: W 101 50 52.149	Easting: 690769.77 N/S	Scale Factor: 0.9993466
				Structure	Antares 23 Federal Com #1H
				Site	Rev 0 NUT 28 May 13
				Plate	Rev 0 NUT 28 May 13
				Site Date:	May 28, 2013

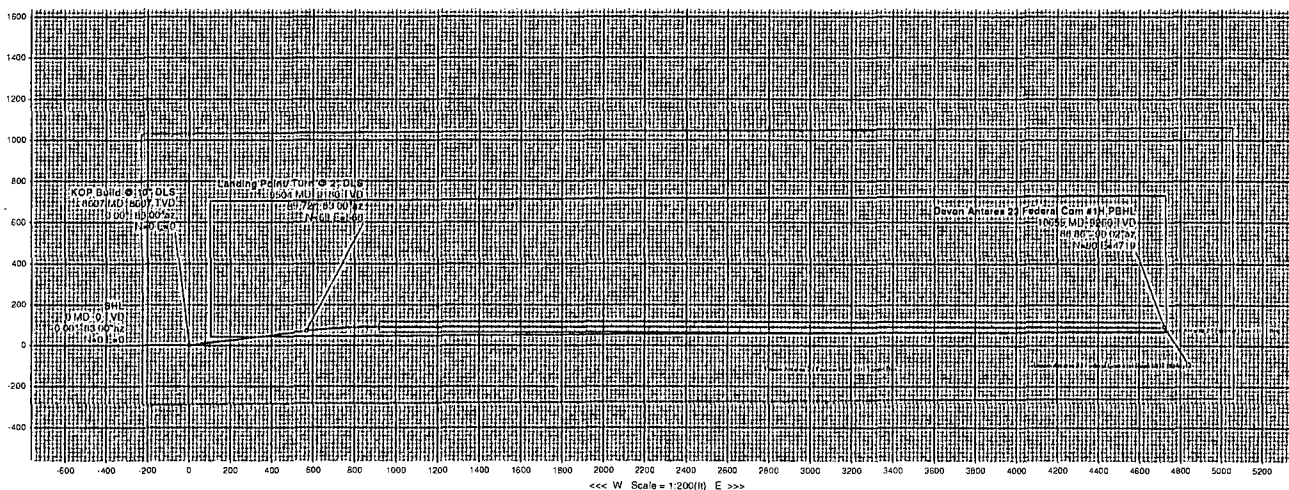
Legend

Devon Antares 23 Federal Com #1H
Devon Antares 23 Federal Com #1H
Devon Antares 23 Federal Com #1H
Devon Antares 23 Federal Com #1H
Devon Antares 23 Federal Com #1H



Grid North
Tot Corr (M-G)
7.3538°
Mag Dec (7.616°)
Grid Conv (0.262°)

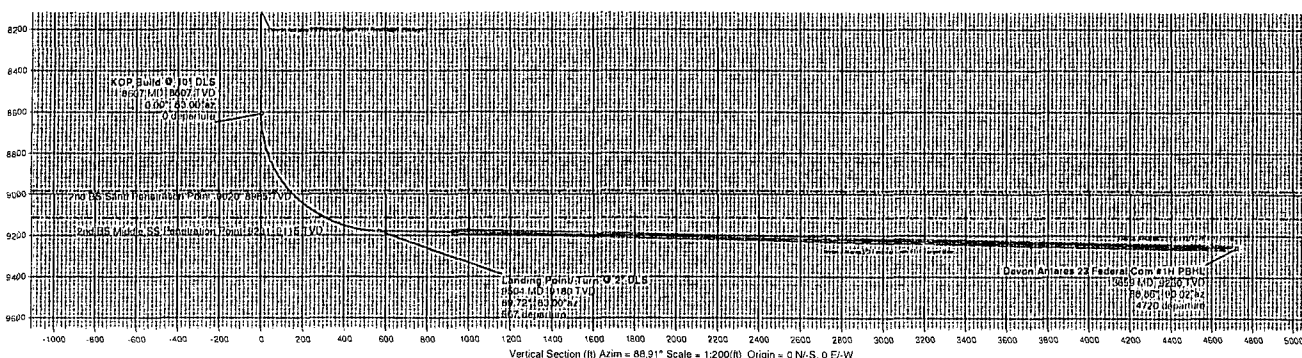
<<< S Scale = 1:200(N) N >>>



<<< W Scale = 1:200(E) E >>>

Comments	Survey MD(ft)	Inclination(deg)	Azimuth(deg)	TVD(ft)	Sub-Sea TVD	VS(ft)	NS(ft)	EW(ft)	Northing(ftUS)	Easting(ftUS)	Closure(ft)	Closure Azimuth(deg)	DLS(100ft)	Tool Face(deg)
SHL	0.00	0.00	83.00	0.00	-3567.00	0.00	0.00	0.00	600683.49	690769.77	0.00	0.00		83.00
KOP Build @ 10° DLS	8607.05	0.00	83.00	8607.05	5040.05	0.00	0.00	0.00	600683.49	690769.77	0.00	0.00	0.00	0.00
2nd BS Sand Penetration Point	9019.78	41.27	83.00	8985.00	5418.00	141.58	17.35	141.28	600700.84	690911.04	142.34	83.00	10.00	0.00
2nd BS Middle SS Penetration Point	9231.47	62.44	83.00	9115.00	5548.00	306.24	37.52	305.58	600721.01	691075.33	307.88	83.00	10.00	83.00
Landing Point/ Turn @ 2° DLS	9504.25	89.72	83.00	9180.00	5613.00	567.12	69.48	565.91	600752.97	691335.64	570.16	83.00	10.00	97.02
	9857.89	88.86	90.02	9184.39	5617.39	920.20	91.00	918.64	600774.48	691688.35	923.14	84.34	2.00	0.00
Devon Antares 23 Federal Com #1H PBHL	13658.85	88.86	90.02	9260.00	5693.00	4719.70	89.61	4718.85	600773.09	695488.31	4719.70	88.91	0.00	

TVD Scale = 1:200(N)



Vertical Section (ft) Azim = 88.91° Scale = 1:200(N) Origin = 0 N/S, 0 E/W

Drawn By: [Name]
Checked By: [Name]
Date Created: May 28, 2013 02:17:15 PM
Checked Date: [Date]
Approved By: [Name]
Approval Date: [Date]



Devon Antares 23 Federal Com #1H Rev0 MDT 28May13 Proposal Geodetic Report (Def Plan)



Report Date: May 28, 2013 - 02:24 PM
Client: Devon
Field: NM Eddy County (NAD 83)
Structure / Slot: Devon Antares 23 Federal Com #1H / Devon Antares 23 Federal Com #1H
Well: Devon Antares 23 Federal Com #1H
Borehole: Original Borehole
UWI / API#: H&P 300 / Unknown
Survey Name: Devon Antares 23 Federal Com #1H Rev0 MDT 28May13
Survey Date: May 28, 2013
Tort / AHD / DDI / ERD Ratio: 96.793 ° / 4723.979 ft / 5.829 / 0.510
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 39' 1.39481", W 103° 50' 52.14905"
Location Grid N/E Y/X: N 600683.490 IUS, E 690769.770 IUS
CRS Grid Convergence Angle: 0.2619 °
Grid Scale Factor: 0.99993466

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 88.912 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3567.000 ft above
Seabed / Ground Elevation: 3541.000 ft above
Magnetic Declination: 7.616 °
Total Gravity Field Strength: 998.5089mgn (9.80665 Based)
Total Magnetic Field Strength: 48637.486 nT
Magnetic Dip Angle: 60.477 °
Declination Date: May 28, 2013
Magnetic Declination Model: BGGM 2013
North Reference: Grid North
Grid Convergence Used: 0.2619 °
Total Corr Mag North->Grid North: 7.3538 °
Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL	0.00	0.00	83.00	0.00	0.00	0.00	0.00	N/A	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
KOP Build @ 10°	8607.05	0.00	83.00	8607.05	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
DLS												
2nd BS Sand Penetration Point	9019.78	41.27	83.00	8985.00	141.58	17.35	141.28	10.00	600700.84	690911.04	N 32 39 1.56	W 103 50 50.50
2nd BS Middle SS Penetration Point	9231.47	62.44	83.00	9115.00	306.24	37.52	305.58	10.00	600721.01	691075.33	N 32 39 1.75	W 103 50 48.57
Landing Point/ Turn @ 2° DLS	9504.25	89.72	83.00	9180.00	567.12	69.48	565.91	10.00	600752.97	691335.64	N 32 39 2.06	W 103 50 45.53
	9857.89	88.86	90.02	9184.39	920.20	91.00	918.64	2.00	600774.48	691688.35	N 32 39 2.25	W 103 50 41.40
Devon Antares 23 Federal Com #1H PBHL	13658.85	88.86	90.02	9260.00	4719.70	89.61	4718.85	0.00	600773.09	695488.31	N 32 39 2.06	W 103 49 56.96

Survey Type: Def Plan

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma

Survey Program:

Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	0.000	26.000	1/100.000	30.000	30.000	SLB_MWD-STD-Depth Only	Original Borehole / Devon Antares 23 Federal Com #1H
	26.000	13658.854	1/100.000	30.000	30.000	SLB_MWD-STD	Original Borehole / Devon Antares 23 Federal Com #1H



Devon Antares 23 Federal Com #1H Rev0 MDT 28May13 Proposal Geodetic Report (Def Plan)



Report Date: May 28, 2013 - 02:24 PM
Client: Devon
Field: NM Eddy County (NAD 83)
Structure / Slot: Devon Antares 23 Federal Com #1H / Devon Antares 23 Federal Com #1H
Well: Devon Antares 23 Federal Com #1H
Borehole: Original Borehole
UWI / API#: H&P 300 / Unknown
Survey Name: Devon Antares 23 Federal Com #1H Rev0 MDT 28May13
Survey Date: May 28, 2013
Tort / AHD / DDI / ERD Ratio: 96.793 ° / 4723.979 ft / 5.829 / 0.510
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 39' 1.39481", W 103° 50' 52.14905"
Location Grid N/E Y/X: N 600683.490 ftUS, E 690769.770 ftUS
CRS Grid Convergence Angle: 0.2619 °
Grid Scale Factor: 0.99993466

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 88.912 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3567.000 ft above
Seabed / Ground Elevation: 3541.000 ft above
Magnetic Declination: 7.616 °
Total Gravity Field Strength: 998.5083mgn (G 80665 Based)
Total Magnetic Field Strength: 48637.486 nT
Magnetic Dip Angle: 60.477 °
Declination Date: May 28, 2013
Magnetic Declination Model: BGGM 2013
North Reference: Grid North
Grid Convergence Used: 0.2619 °
Total Corr Mag North->Grid North: 7.3538 °
Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL	0.00	0.00	83.00	0.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	100.00	0.00	83.00	100.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	200.00	0.00	83.00	200.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	300.00	0.00	83.00	300.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	400.00	0.00	83.00	400.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	500.00	0.00	83.00	500.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	600.00	0.00	83.00	600.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	700.00	0.00	83.00	700.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	800.00	0.00	83.00	800.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	900.00	0.00	83.00	900.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	1000.00	0.00	83.00	1000.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	1100.00	0.00	83.00	1100.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	1200.00	0.00	83.00	1200.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	1300.00	0.00	83.00	1300.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	1400.00	0.00	83.00	1400.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	1500.00	0.00	83.00	1500.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	1600.00	0.00	83.00	1600.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	1700.00	0.00	83.00	1700.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	1800.00	0.00	83.00	1800.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	1900.00	0.00	83.00	1900.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	2000.00	0.00	83.00	2000.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	2100.00	0.00	83.00	2100.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	2200.00	0.00	83.00	2200.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	2300.00	0.00	83.00	2300.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	2400.00	0.00	83.00	2400.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	2500.00	0.00	83.00	2500.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	2600.00	0.00	83.00	2600.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	2700.00	0.00	83.00	2700.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	2800.00	0.00	83.00	2800.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	2900.00	0.00	83.00	2900.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	3000.00	0.00	83.00	3000.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	3100.00	0.00	83.00	3100.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	3200.00	0.00	83.00	3200.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	3300.00	0.00	83.00	3300.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	3400.00	0.00	83.00	3400.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	3500.00	0.00	83.00	3500.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	3600.00	0.00	83.00	3600.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	3700.00	0.00	83.00	3700.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	3800.00	0.00	83.00	3800.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	3900.00	0.00	83.00	3900.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	4000.00	0.00	83.00	4000.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	4100.00	0.00	83.00	4100.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	4200.00	0.00	83.00	4200.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	4300.00	0.00	83.00	4300.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	4400.00	0.00	83.00	4400.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	4500.00	0.00	83.00	4500.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	4600.00	0.00	83.00	4600.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	4700.00	0.00	83.00	4700.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	4800.00	0.00	83.00	4800.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	4900.00	0.00	83.00	4900.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	5000.00	0.00	83.00	5000.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	5100.00	0.00	83.00	5100.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	5200.00	0.00	83.00	5200.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	5300.00	0.00	83.00	5300.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	5400.00	0.00	83.00	5400.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	5500.00	0.00	83.00	5500.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	5600.00	0.00	83.00	5600.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	5700.00	0.00	83.00	5700.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	5800.00	0.00	83.00	5800.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	5900.00	0.00	83.00	5900.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	6000.00	0.00	83.00	6000.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	6100.00	0.00	83.00	6100.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	6200.00	0.00	83.00	6200.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	6300.00	0.00	83.00	6300.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15

Comments	MD (ft)	Incl (°)	Azlm Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	6400.00	0.00	83.00	6400.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	6500.00	0.00	83.00	6500.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	6600.00	0.00	83.00	6600.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	6700.00	0.00	83.00	6700.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	6800.00	0.00	83.00	6800.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	6900.00	0.00	83.00	6900.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	7000.00	0.00	83.00	7000.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	7100.00	0.00	83.00	7100.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	7200.00	0.00	83.00	7200.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	7300.00	0.00	83.00	7300.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	7400.00	0.00	83.00	7400.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	7500.00	0.00	83.00	7500.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	7600.00	0.00	83.00	7600.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	7700.00	0.00	83.00	7700.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	7800.00	0.00	83.00	7800.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	7900.00	0.00	83.00	7900.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	8000.00	0.00	83.00	8000.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	8100.00	0.03	83.00	8100.00	0.03	0.03	0.03	0.03	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	8200.00	0.00	83.00	8200.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	8300.00	0.00	83.00	8300.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	8400.00	0.00	83.00	8400.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
KOP Build @ 10° DLS	8500.00	0.00	83.00	8500.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	8600.00	0.00	83.00	8600.00	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	8607.05	0.00	83.00	8607.05	0.00	0.00	0.00	0.00	600683.49	690769.77	N 32 39 1.39	W 103 50 52.15
	8700.00	9.30	83.00	8699.59	7.48	0.92	7.47	10.00	600684.41	690777.24	N 32 39 1.40	W 103 50 52.06
	8800.00	19.30	83.00	8796.37	32.01	3.92	31.94	10.00	600687.41	690801.71	N 32 39 1.43	W 103 50 51.78
	8900.00	29.30	83.00	8887.40	72.88	8.93	72.73	10.00	600692.42	690842.49	N 32 39 1.48	W 103 50 51.30
	9000.00	39.30	83.00	8969.91	128.86	15.79	128.58	10.00	600699.28	690898.34	N 32 39 1.55	W 103 50 50.64
2nd BS Sand Penetration Point	9019.78	41.27	83.00	8985.00	141.58	17.35	141.28	10.00	600700.84	690911.04	N 32 39 1.56	W 103 50 50.50
	9100.00	49.30	83.00	9041.40	198.24	24.29	197.81	10.00	600707.78	690967.57	N 32 39 1.63	W 103 50 49.83
	9200.00	59.30	83.00	9099.68	278.90	34.17	278.31	10.00	600717.66	691048.06	N 32 39 1.72	W 103 50 48.89
2nd BS Middle SS Penetration Point	9231.47	62.44	83.00	9115.00	306.24	37.52	305.58	10.00	600721.01	691075.33	N 32 39 1.75	W 103 50 48.57
	9300.00	69.30	83.00	9143.00	368.42	45.14	367.62	10.00	600728.63	691137.37	N 32 39 1.82	W 103 50 47.85
	9400.00	79.30	83.00	9170.04	464.05	56.86	463.05	10.00	600740.34	691232.79	N 32 39 1.94	W 103 50 46.73
	9500.00	89.30	83.00	9179.96	562.90	68.97	561.69	10.00	600752.45	691331.42	N 32 39 2.05	W 103 50 45.58
Landing Point/ Turn @ 2° DLS	9504.25	89.72	83.00	9180.00	567.12	69.48	565.91	10.00	600752.97	691335.64	N 32 39 2.06	W 103 50 45.53
	9600.00	89.49	84.90	9180.66	662.51	79.58	661.12	2.00	600763.06	691430.84	N 32 39 2.15	W 103 50 44.41
	9700.00	89.24	86.89	9181.77	762.36	86.74	760.85	2.00	600770.22	691530.57	N 32 39 2.22	W 103 50 43.25
	9800.00	89.00	88.87	9183.31	862.33	90.44	860.77	2.00	600773.92	691630.48	N 32 39 2.25	W 103 50 42.08
	9857.89	88.86	90.02	9184.39	920.20	91.00	918.64	2.00	600774.48	691688.35	N 32 39 2.25	W 103 50 41.40
	9900.00	88.86	90.02	9185.22	962.30	90.98	960.74	0.00	600774.46	691730.45	N 32 39 2.25	W 103 50 40.91
	10000.00	88.86	90.02	9187.21	1062.26	90.94	1060.72	0.00	600774.43	691830.42	N 32 39 2.25	W 103 50 39.74
	10100.00	88.86	90.02	9189.20	1162.22	90.91	1160.70	0.00	600774.39	691930.40	N 32 39 2.24	W 103 50 38.57
	10200.00	88.86	90.02	9191.19	1262.18	90.87	1260.68	0.00	600774.35	692030.37	N 32 39 2.24	W 103 50 37.40
	10300.00	88.86	90.02	9193.18	1362.14	90.83	1360.66	0.00	600774.32	692130.34	N 32 39 2.23	W 103 50 36.23
	10400.00	88.86	90.02	9195.17	1462.10	90.80	1460.64	0.00	600774.28	692230.32	N 32 39 2.23	W 103 50 35.06
	10500.00	88.86	90.02	9197.16	1562.07	90.76	1560.62	0.00	600774.25	692330.29	N 32 39 2.22	W 103 50 33.89
	10600.00	88.86	90.02	9199.15	1662.03	90.72	1660.60	0.00	600774.21	692430.26	N 32 39 2.22	W 103 50 32.72
	10700.00	88.86	90.02	9201.14	1761.99	90.69	1760.58	0.00	600774.17	692530.24	N 32 39 2.21	W 103 50 31.55
	10800.00	88.86	90.02	9203.13	1861.95	90.65	1860.56	0.00	600774.14	692630.21	N 32 39 2.21	W 103 50 30.38
	10900.00	88.86	90.02	9205.12	1961.91	90.61	1960.55	0.00	600774.10	692730.18	N 32 39 2.20	W 103 50 29.21
	11000.00	88.86	90.02	9207.11	2061.87	90.58	2060.53	0.00	600774.06	692830.16	N 32 39 2.20	W 103 50 28.05
	11100.00	88.86	90.02	9209.10	2161.84	90.54	2160.51	0.00	600774.03	692930.13	N 32 39 2.19	W 103 50 26.88
	11200.00	88.86	90.02	9211.09	2261.80	90.51	2260.49	0.00	600773.99	693030.10	N 32 39 2.19	W 103 50 25.71
	11300.00	88.86	90.02	9213.08	2361.76	90.47	2360.47	0.00	600773.95	693130.08	N 32 39 2.18	W 103 50 24.54
	11400.00	88.86	90.02	9215.06	2461.72	90.43	2460.45	0.00	600773.92	693230.05	N 32 39 2.18	W 103 50 23.37
	11500.00	88.86	90.02	9217.05	2561.68	90.40	2560.43	0.00	600773.88	693330.02	N 32 39 2.17	W 103 50 22.20
	11600.00	88.86	90.02	9219.04	2661.64	90.36	2660.41	0.00	600773.84	693430.00	N 32 39 2.17	W 103 50 21.03
	11700.00	88.86	90.02	9221.03	2761.60	90.32	2760.39	0.00	600773.81	693529.97	N 32 39 2.16	W 103 50 19.86
	11800.00	88.86	90.02	9223.02	2861.57	90.29	2860.37	0.00	600773.77	693629.94	N 32 39 2.16	W 103 50 18.69
	11900.00	88.86	90.02	9225.01	2961.53	90.25	2960.35	0.00	600773.73	693729.92	N 32 39 2.15	W 103 50 17.52
	12000.00	88.86	90.02	9227.00	3061.49	90.21	3060.33	0.00	600773.70	693829.89	N 32 39 2.15	W 103 50 16.35
	12100.00	88.86	90.02	9228.99	3161.45	90.18	3160.31	0.00	600773.66	693929.86	N 32 39 2.14	W 103 50 15.18
	12200.00	88.86	90.02	9230.98	3261.41	90.14	3260.29	0.00	600773.62	694029.84	N 32 39 2.14	W 103 50 14.01
	12300.00	88.86	90.02	9232.97	3361.37	90.10	3360.27	0.00	600773.59	694129.81	N 32 39 2.13	W 103 50 12.84
	12400.00	88.86	90.02	9234.96	3461.33	90.07	3460.25	0.00	600773.55	694229.79	N 32 39 2.13	W 103 50 11.67
	12500.00	88.86	90.02	9236.95	3561.30	90.03	3560.23	0.00	600773.51	694329.76	N 32 39 2.12	W 103 50 10.51
	12600.00	88.86	90.02	9238.94	3661.26	89.99	3660.21	0.00	600773.48	694429.73	N 32 39 2.12	W 103 50 9.34
	12700.00	88.86	90.02	9240.93	3761.22	89.96	3760.19	0.00	600773.44	694529.71	N 32 39 2.11	W 103 50 8.17
	12800.00	88.86	90.02	9242.91	3861.18	89.92	3860.17	0.00	600773.40	694629.68	N 32 39 2.11	W 103 50 7.00
	12900.00	88.86	90.02	9244.90	3961.14	89.88	3960.15	0.00	600773.37	694729.65	N 32 39 2.10	W 103 50 5.83
	13000.00	88.86	90.02	9246.89	4061.10	89.85	4060.13	0.00	600773.33	694829.63	N 32 39 2.10	W 103 50 4.66
	13100.00	88.86	90.02	9248.88	4161.06	89.81	4160.11	0.00	600773.29	694929.60	N 32 39 2.09	W 103 50 3.49
	13200.00	88.86	90.02	9250.87	4261.03	89.77	4260.09	0.00	600773.26	695029.57	N 32 39 2.09	W 103 50 2.32
	13300.00	88.86	90.02	9252.86	4360.99	89.74	4360.07	0.00	600773.22	695129.55	N 32 39 2.08	W 103 50 1.15
	13400.00	88.86	90.02	9254.85	4460.95	89.70	4460.05	0.00	600773.18	695229.52	N 32 39 2.08	W 103 49 59.98
	13500.00	88.86	90.02	9256.84	4560.91	89.66	4560.03	0.00	600773.15	695329.49	N 32 39 2.07	W 103 49 58.81
	13600											

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Survey Error Model:	ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma											
Survey Program:												
Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type		Borehole / Survey				
	0.000	26.000	1/100.000	30.000	30.000	SLB_MWD-STD-Depth Only		Original Borehole / Devon				
	26.000	13658.854	1/100.000	30.000	30.000	SLB_MWD-STD		Antares 23 Federal Com #1H				
								Original Borehole / Devon				
								Antares 23 Federal Com #1H				
								Original Borehole / Devon				
								Antares 23 Federal Com #1H				

District I
1625 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 15, 2009
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-41105	² Pool Code 41480	³ Pool Name LUSK; BONE SPRING W.
⁴ Property Code 39723	⁵ Property Name ANTARES "23" FED COM	⁶ Well Number 1H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3541.0

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	23	19 S	31 E		1030	NORTH	225	WEST	EDDY

¹¹ 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
A	23	19 S	23E		970	NORTH	340	EAST	EDDY

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

¹⁶ SURFACE LOCATION		¹⁷ OPERATOR CERTIFICATION	
S89°37'30"W 2642.70 FT NW CORNER SEC. 23 LAT. = 32.6532167°N LONG. = 103.8485583°W NMSP EAST (FT) N = 601711.78 E = 690537.57 225' 2638.36 FT SW CORNER SEC. 23 LAT. = 32.6459648°N LONG. = 103.8485371°W NMSP EAST (FT) N = 599073.48 E = 690556.15 2640.92 FT N89°21'38"E 2639.01		S89°38'59"W 2641.32 FT NE CORNER SEC. 23 LAT. = 32.6532412°N LONG. = 103.8313901°W NMSP EAST (FT) N = 601745.22 E = 695821.48 340' 2639.94 FT SE CORNER SEC. 23 LAT. = 32.6387287°N LONG. = 103.8313552°W NMSP EAST (FT) N = 596455.46 E = 695857.17 2642.88 FT H89°55'36"E	
ANTARES "23" FED COM #1H ELEV. = 3541.0' LAT. = 32.6503874°N (NAD83) LONG. = 103.8478192°W NMSP EAST (FT) N = 600683.49 E = 690769.77		BOTTOM OF HOLE LAT. = 32.6521407°N LONG. = 103.8324919°W NMSP EAST (FT) N = 601343.24 E = 695484.28	
Signature: <i>Trina C. Couch</i> Printed Name: Trina C. Couch, Regulatory Associate		6/3/2013 Date	
¹⁸ 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. MAY 23 2013 Date of Survey Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: FILMON F. JARAMILLO, PLS 12797 SURVEY NO. 1042			