Form 3160-5 * (February 2005)

(Instructions on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEWED

FORM APPROVED OMB No 1004-0137 Expires March 31, 2007

ILINI 3 0 2009 5 Lease Serial No

	JOH 0 4 5000	SF 079073
SUNDRY NOTICES AND REPORTS ON WELL.	S	6 Ifeladian, Allottee or Tribe Name
De not use this form for proposals to drill ar to Favo	Carlell Dile Light	SITIOTIAL STATE OF THE STATE OF

		PD) for such proposal			ement, Name and/or No
	IIT IN TRIPLICATE – Other	instructions on page 2		_	ast Blanco Unit
1 Type of Well Oil Well Gas	Well Other			8 Well Name and No	EBU 351
2 Name of Operator Devon Energy Production Co., LP				9 API Well No	45-34181
3a Address		3b Phone No (include area co	de)	10 Field and Pool or I	
P O Box 6459 Farmington, NM 87419		(405)-552-7802		Basın Dak	kota / Blanco-Mesaverde
4 Location of Well (Footage, Sec., 7 Sec 18-T30N-R7W SL NESW 2590 FSL & 1535 FWL BHL				 Country or Parish, San Jo 	State Jan, NM
12 CHE	CK THE APPROPRIATE BO	X(ES) TO INDICATE NATUR	E OF NOTIC	E, REPORT OR OTH	ER DATA
TYPE OF SUBMISSION		. TY	PE OF ACTI	ON	
✓ Notice of Intent	Acidize	Deepen	Produ	ction (Start/Resume)	Water Shut-Off
Troube of Intelli	Alter Casing	Fracture Treat	Recla	mation	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recor	nplete	Other Extend APD
<i>y</i>	Change Plans	Plug and Abandon		orarily Abandon	revise drilling
Final Abandonment Notice	Convert to Injection	Plug Back	Water	Disposal	Priodiam.
testing has been completed. Final determined that the site is ready for Devon Energy Production Compart the well within the 2 year time framinformation below:	or final inspection) ny, L.P. respectfully requests	s an extension of two years to	drill the NE	BU 351, due to rig si	cheduling we were unable to drill
Initial Location: Surface location: Sec 18-T30N-R	7W 2590' FSL & 1535' FW	L, NESW BHL: Sec 18-T30N	N-R7W 1580	' FSL & 3590' FEL, N	NESW
Revised Location. Surface Location Sec 18-T30N-F	:7W 2590' FSL & 1535' FW	L, NESW BHL: Sec 18-T30N	N-R7W 700'	FNL & 700' FWL, N	ENW √
See attached revised directional s	urvey, C-102, drilling progra	m			
Per Helen Pierson (BLM), APD marefunded to Devon. ✔	y be extended via sundry n	otice Please withdraw 2nd A	APD sent to E	BLM June 24th, 2009	9; so processing fees may be
Form C-144 (Pit, Closed-Loop Sy NMOCD office.		NOTHIAZIE		10 24 IIIR	- KUU JUL J VJ
14 Thorshu and first the forman of	true and correct	PRIOR TO CA	SING	& CEMEN	IT ONL COMS. DIV.
14 I hereby certify that the foregoing is Name (Printed/Typed)	true and correct	' '	ŕ		DIST. 3
Stephanie A. Ysasage///	, 	Title, Sr. Staff	Engineering	Technician CON	DITIONS OF APPROVAL
Signature A	//	Date 06/29/20	009	Adhere	to previously issued stipulations
	THIS SPACE	FOR FEDERAL OR ST	ATE OFF	ICE USE	
Approved by	7				
Troy L Salvers	/	Tule P.	Iroloum	Engineer	Date 7/7/2009
Conditions of approval, if any, are attach	ed Approval of this notice does	not warrant or certify	· · · · · · · · · · · · · · · · · · ·	•	
that the applicant holds legal or equitable entitle the applicant to conduct operation	title to those rights in the subjec		Fo		ent NMOCD rules an
Title 18 U S C Section 1001 and Title 4 fictitious or fraudulent statements or rep	3 U S C Section 1212, make it a	crime for any person knowingly a		make to: regu	lations must be met a
(Instructions on page 2)	Hold C104				time of drilling

for Directional Survey and "As Drilled" plat





District ! 1625 N. French Dr., Hobbs NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 87210 District III

1000 Rio Brazos Rd., Aztec, NM 87410

1220 St. Francis Dr., Santa Fe, NM 87505

District IV

State of New Mexico . Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87504-2088 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

¹ API Number	. 71599 / 72319 Basin I	Dakota/Blanco-Mesaverde
Property Code	³ Property Name	⁶ Well Number
19641	NEBU	# 351
OGRID No.	* Operator Name	, Elevation
61371	Devon Energy Production Company, L.P.	6272

Surface Location

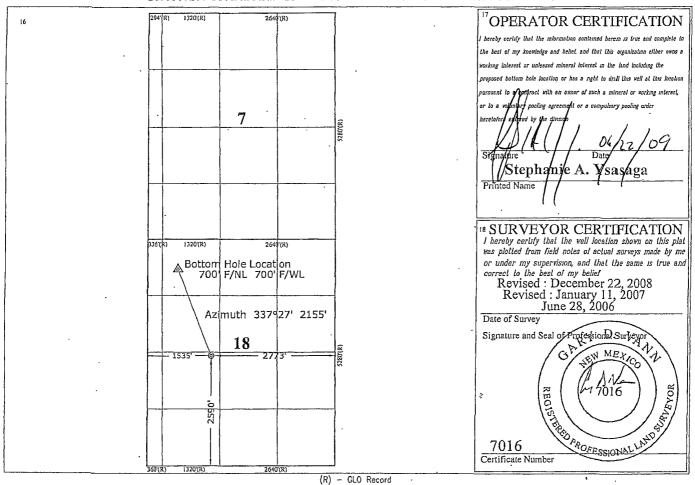
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	18	30 N	7 W		2590	SOUTH	1535	WEST	SAN JUAN

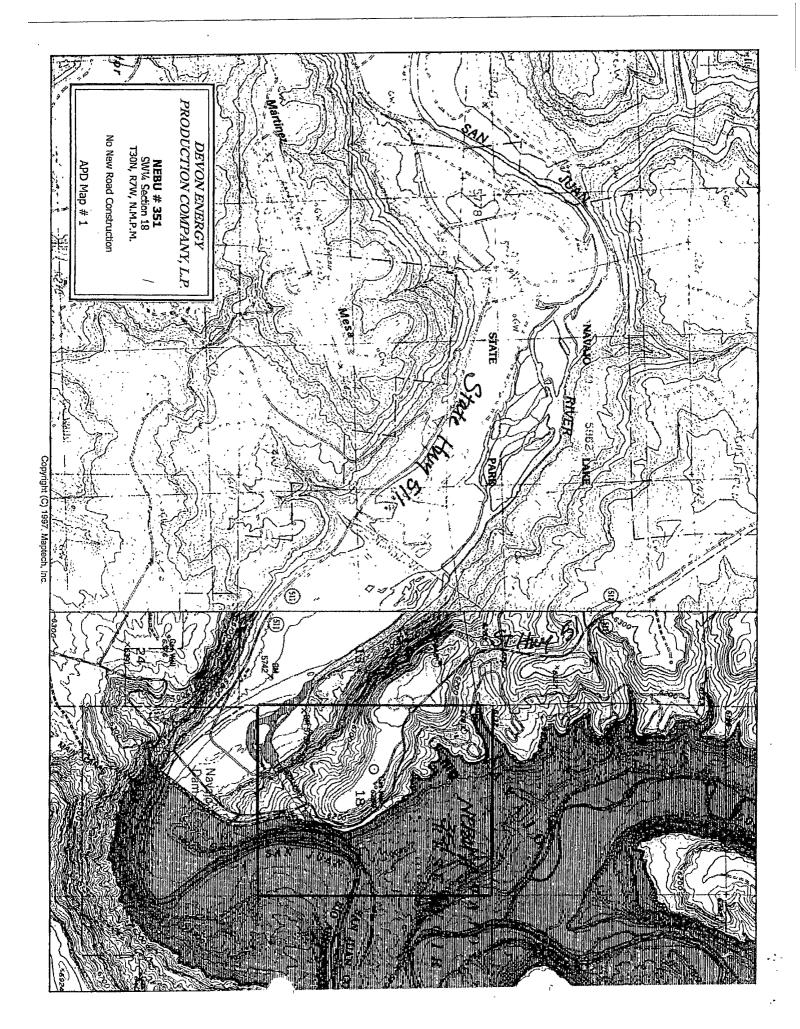
"Bottom Hole Location If Different From Surface

7 UL or lot no.	Section 18	Township 30 N	Range 7 W	Lot Idn	Feet from the 700	North/South line NORTH	Feet from the 3599 700	Enst/West line EAST WEST	SAN JUAN
¹² Dedicated Acre 298.90-\(\frac{\psi}{2}\)		Sec. 7	Consolidation	n Code 15	Order No				

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

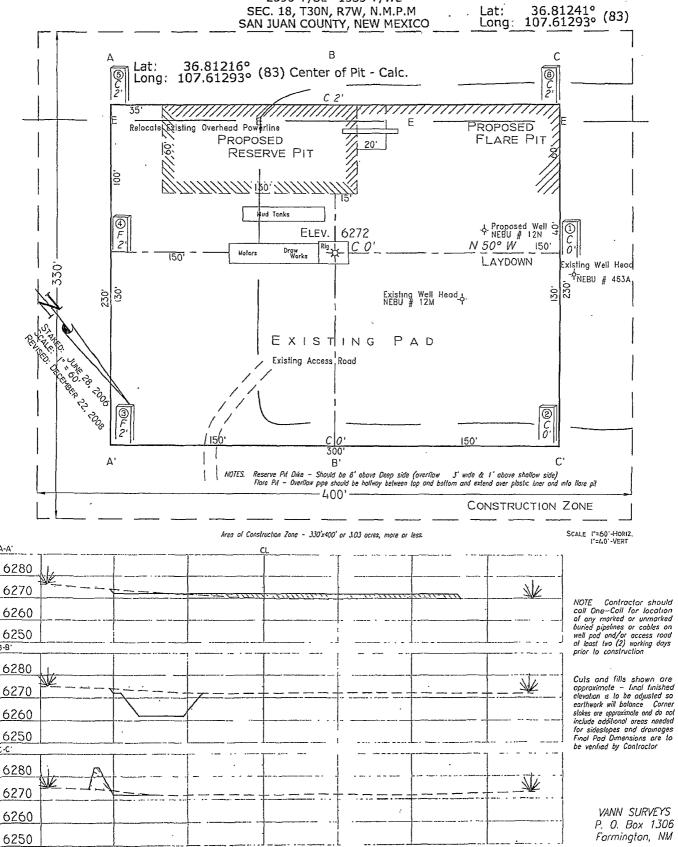
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

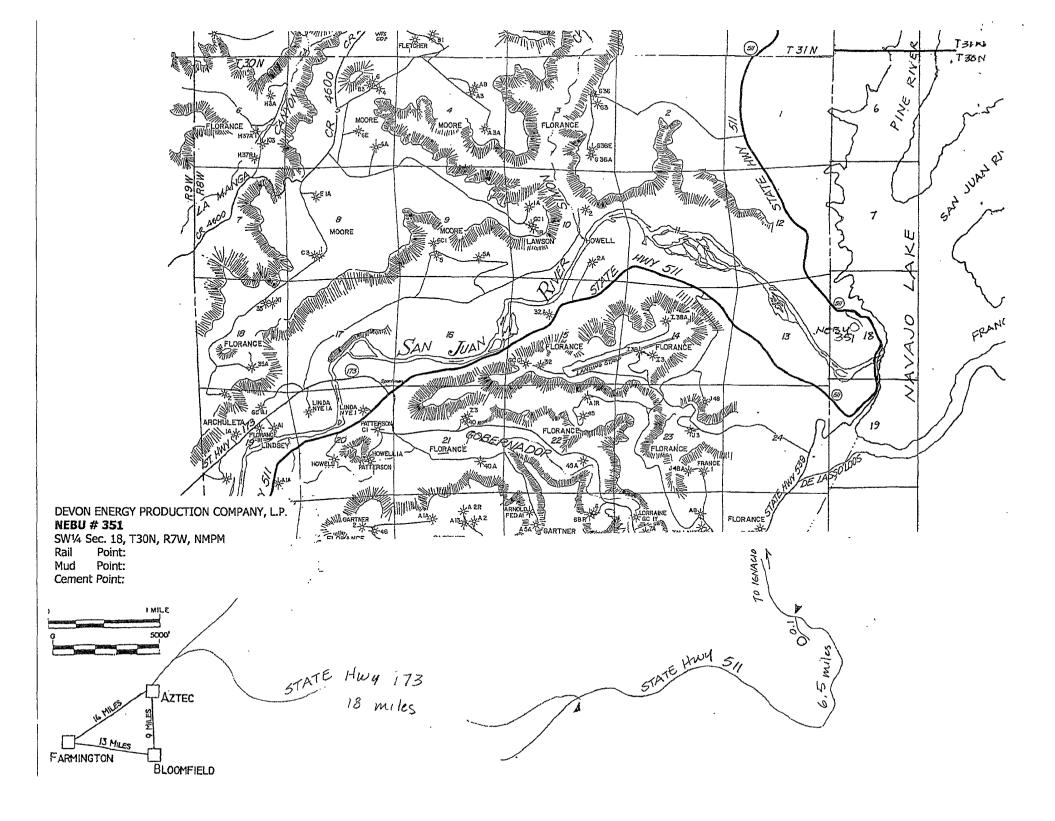




PAD LAYOUT PLAN & PROFILE DEVON ENERGY PRODUCTION COMPANY, L.P.

Nebu #351 2590' F/SL 1535' F/WL SEC. 18, T30N, R7W, N.M.P.M





DEVON ENERGY PRODUCTION COMPANY, L.P. NEBU #351 Centerline Survey of Proposed Pipeline Within the SW1/4 of Sec. 18, T30N, R7W, N.M.P.M., San Juan County, New Mexico Proposed Wellhead NEBU # 351 2590' F/SL 1535' F/WI SW1/4 Sec. 18 DETAIL 0+00 Proposed Wellhead S 55°43' E 1+50.7 PI-1 S 39°55' W Existing Devon Line 49.1 EOL DETAIL SCALE: 1"=300" 18 19 Ties to SW Cor. Sec.19 T30N, R7W, N.M.P.M. Fd GL0 Brass Cap R 7 W R 8 W Footage/Rods 241.1' / 15.10 Surface Owner Stations 0+00 - 2+49.1 **DEVON ENERGY** BOR PRODUCTION COMPANY, L.P. I, Gary D. Vann, a registered professional land state of New Mexico, hereby certify that the sur Date Surveyed: Revision Date: Scale: this plat was performed by me or under thy st correct to the best of my knowledge and bell July 17, 2006 Basis of Bearing: GPS Observations minimum standards for easement surve state of New Geodetic Bearing (True North) VANN SURVEYS Gary D. Vann P. O. Box 1306 Registered P.L.S. # 7016 State of New Mexico Farmington, NM 87499

NEBU 351 700' FWL SL: 2590' FSL & 1535' FWL, Unit K 18-30N-7W BHL: 700' FNL & 3599' FEL, Unit C 18-30N-7W San Juan Co., NM

DRILLING PLAN

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS & ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:

Formation	TMD (ft)	TVD (ft)	Hydrocarbon/Water Bearing Zones
San Jose	Surface	Surface	
Ojo Alamo	2731	2143	Aquifer
Kirtland	3045	2358	
Fruitland	3603	2790	Gas
Fruitland 1 st Coal	3751	2928	Gas
Pictured Cliffs Tongue	3993	3164	Gas
Pictured Cliffs Main	4040	3211	Gas
Lewis	4114	3285	Gas
Intermediate TD	4550 <	3721	
Huefanito Bentonite	4703	3873	Gas
Chacra / Otera	5093	4263	Gas
Cliff House	5843	5014	Gas
Menefee	5921	5091	Gas
Point Lookout	6199	5370	Gas
Mancos	6611	5781	Gas
Gallup	7616	6787	Gas
Greenhorn	8319	7490	
Graneros	8381	7552	Gas
Paguate	8513	7684	Gas
Cubero	8531	7702	Gas
Oak Canyon	8616	7787	Gas

Encinal Çanyon	8631	7802	Gas
TD	8646	7816 '	

^{*}All shows of fresh water and minerals will be adequately protected and reported.

2. Pressure Control Equipment:

All well control equipment shall be in accordance with Onshore Order #2 for 2M systems.

The minimum specifications for pressure control equipment that will be provided are included on the attached schematic diagram, with a size of 2", and pressure ratings.

3000# BOP With Pipe Rams and 3000# BOP With Blind Rams

Auxiliary equipment to be used:

Upper kelly cock with handle available.

The manifold includes appropriate valves and adjustable chokes. The kill line will have one check valve. Ram type preventers will be pressure tested to full working pressure (utilizing a test plug) or 70% of the internal yield pressure (without a test plug) at:

- Initial installation
- Whenever any seal subject to test pressure is broken
- Following related repairs
- At 30 day intervals

Pipe and blind rams shall be activated each trip.

A BOPE pit level drill will be conducted weekly for each drilling crew. All tests and drills will be recorded in the drilling log.

The accumulator will have sufficient capacity to close all rams and retain 200 psi above precharge pressure without the use of closing unit pumps.

Master controls will be at the accumulator. Anticipated bottom hole pressure is 3400 psi. <

3. Casing & Cementing Program:

A. The proposed casing program will be as follows:

ŤMD	TVD	Hole Size	Size	Grade	Weight	Thread	Condition
0-285'	0-285'	12-1/4"	9-5/8"	H-40	32#	STC	New
0-4550'	0-3721'	8-3/4"	7"	K-55	23#	LTC	New
0- TD	0- TD	6-1/4"	4-1/2"	J-55	11.6#	LTC	New

The 9-5/8" surface pipe will be tested to 750 psi. All casing strings below the surface shoe shall be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi, whichever is greater, but not to exceed 70% minimum internal yield. <

<u>Surface</u>: The bottom three joints of the surface casing will have a minimum of one centralizer per joint and one centralizer every joint thereafter (Total 5 centralizers estimated)

<u>Intermediate</u>: The bottom three joints of the 7" casing will have a minimum of one centralizer per joint and one centralizer every fifth joint thereafter to above Ojo Alamo with turbolizers below and throughout the Ojo Alamo. (Total 12 centralizers, 3 turbolizers estimated).

<u>Production</u>: The bottom three joints will have a minimum of one centralizer per joint and one centralizer every fifth joint to 3500' (estimated 25 centralizers used). Centralizers will be open bow spring or basket bow spring type.

B. The proposed cementing program will be as follows:

Surface String:

Cement will be circulated to surface.

Lead: 200 sx Class "B" with 100% Standard Cement, 2.00% CaCl2, .25 #/sx Flocele. Density: 15.6 lb/gal; Yield: 1.18 cuft/sx; Water: 5.24 gal/sx

* Minor variations possible due to existing conditions

Intermediate String:

Cement will be circulated to surface.

Lead: 500 sx 50/50 Poz, Yd-1.45, Water Gal/sx 6.8, Mixed @ 13ppg Foamed W/ N2 Down To 9.0# Additives 2% Gel, 0.2% Versaset, 0.1% Diacel Lwl.

Tail: 75 sx 50/50 Poz, Yd-1.45, Water Gal/Sk 6.8, Additives 2% Gel, 0.2% Versaset, 0.1% Diacel Lwl.

* Minor variations possible due to existing conditions /

If hole conditions dictate, an alternate, cement design will be used:

Lead: 575 sx 50/50 Poz with 50% Class B Cement, 50% San Juan Poz, .4% Halad-344, .1% CFR-3, 3% Bentonite, 5#/sx Gilsonite, .25#/sx Flocele. Density: 13.0 lb/gal; Yield: 1.46 cuft/sx; Water: 6.42 gal/sx

Tail: 75 sx 50/50 Poz with 94#/sx Standard Cement, 0.3% Halad-344, .25 #/sx Flocele. Density: 15.6 lb/gal; Yield: 1.18 cuft/sx; Water: 5.23 gal/sx

* Minor variations possible due to existing conditions

Production String:

TOC designed to circulate 1000' into intermediate string, cement will tie into the intermediate casing as a minimum. Volumes may vary with actual well characteristics.

Lead: 250 sx 50/50 Poz with 2% Gel, 0.2% Halad, 0.1% CFR-3, 5 #/sx Gilsonite, 0.25 #/sx Flocele. Mixed at 13 ppg, 1.47 ft 3/sx foamed to 9 ppg, 2.18 ft 3/sx.

Tail: 450 sx 50/50 Poz with 50% Standard Cement, 50% San Juan Poz, 3% Bentonite, 1.40% Halad-9, .10% CFR-3, .10% HR-5, 5 #/sx Gilsonite, 0.25 #/sx Flocele. Density: 13.0 lb/gal; Yield: 1.47 cuft/sx; Water: 6.35 gal/sx *

* Minor variations possible due to existing conditions

Actual volumes will be calculated and adjusted with caliper log prior to cementing.

4. DRILLING FLUIDS PROGRAM:

TMD Interval	TVD Interval	Type	Weight (ppg)	Viscosity	рН	Water Loss	Remarks
0-285'	0-285'	Spud- foam	8.4-9.0	29-70	8.0	NC	FW gel, LSND or stiff foam
285'-4550'	285'-3,721'	Air				NC	
4550' - TD	3,721' - TD	Air/N2 or Mud	8.5-9.0*	30-50	8.0-10.0	8-810cc @ TD	Low solids- non-dispersed. * min Wt. to control formation pressure

NC = no control

Sufficient quantities of mud material will be maintained on site or be readily accessible for the purpose of assuring well control. SPR will be recorded on daily drilling report after mudding up. Visual mud monitoring will be conducted during operations.

5. EVALUATION PROGRAM:

Logs: Cased hole Pulsed Neutron-Density

Survey: MWD surveys will be taken from 350' to intermediate TD of the 8 3/4" hole.

> Deviation surveys will be taken every 500' from intermediate casing-TD if mud is being used or only at TD if the hole is air drilled. We will attempt to drill the hole with air from the intermediate casing point to TD. The equipment used in this type of operation will not allow for single shot surveys without considerable operational delays. A survey will be taken at TD. Similar wells in this area have

not shown significant deviation in this section of the hole.

Cores: None anticipated.

DST's: None anticipated.

6. ABNORMAL CONDITIONS:

The Fruitland Coal will be encountered in the 8-3/4" hole. Estimated formation pressure is 300 psi. No other abnormal pressures and/or temperatures are expected. No hydrogen sulfide should be present.

7. OTHER INFORMATION:

The anticipated starting date and duration of the operation will be as follows:

Starting Date:

Upon Approval

Duration:

20 days

If the well is completed as a dry hole or as a producer, Well Completion or Recompletion Report and Log (Form 3160-4) will be submitted within 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3160. Copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample descriptions, daily drilling reports, daily completion reports, and all other surveys or data obtained and compiled during the drilling, completion, and/or workover operations, will be submitted directly to the Authorized Officer or filed with Form 3160-4.



Job Number:

Company: Devon Energy

Lease/Well: NEBU 351

Location: San Juan County

Rig Name:

RKB:

G.L. or M.S.L.:

State/Country: New Mexico

Declination:

Grid:

File name: P:\SURVEYS\DEVON\NEBU351.SVY

Date/Time: 10-Mar-09 / 08:16 Curve Name: NEBU 351

Inwell, Inc

WINSERVE PROPOSAL REPORT

Minimum Curvature Method
Vertical Section Plane 337.45
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Dogleg Severity Deg/100
KOP-> 350' MI	D/TVD Begin Build	@ 6.00°/ 100'					
350.00	.00	.00	350.00	.00	.00	.00	.00
450.00	6.00	337.45	449.82	4.83	-2.01	5.23	6.00
550.00	12.00	337.45	548.54	19.27	-8.00	20.87	6.00
650.00	18.00	337.45	645.09	43.16	-17.92	46.74	6.00
750.00	24.00	337.45	738.40	76.25	-31.66	82.56	6.00
850.00	30.00	337.45	827.46	118.15	-49.06	127.94	6.00
950.00	36.00	337.45	911.29	168.43	-69.94	182.38	6.00
1050.00	42.00	337.45	988.97	226.53	-94.06	245.28	6.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Dogleg Severity Deg/100
1129' MD/1045	' TVDBegin Hold @	46.76°, 337.45° Azm					
1129.25	46.76	337.45	1045.60	277.70	-115.31	300.69	6.00
2129.25	46.76	337.45	1730.72	950.44	-394.66	1029.12	.00
OJO ALAMO 2	731' MD/2143' TVD						
2731.02	46.76	337.45	2143.00	1355.27	-562.76	1467.47	.00
KIRTLAND 304	15' MD/2358' TVD						
3044.83	46.76	337.45	2358.00	1566.39	-650.42	1696.06	.00
3129.25	46.76	337.45	2415.84	1623.18	-674.00	1757.55	.00
3179' MD/2450	' TVDBegin Drop @	-5.00°/ 100'					
3179.52	46.76	337.45	2450.28	1657.00	-688.05	1794.17	.00
3279.52	41.76	337.45	2521.88	1721.43	-714.80	1863.94	5.00
3379.52	36.76	337.45	2599.29	1779.85	-739.06	1927.19	5.00
3479.52	31.76	337.45	2681.92	1831.82	- 760.64	1983.46	5.00
3579.52	26.76	337.45	2769.13	1876.94	-779.37	2032.32	5.00
FRUITLAND 36	603' MD/2790' TVD				- Var. 		
3602.77	25.59	337.45	2790.00	1886.41	-783.31	2042.57	5.00
3679.52	21.76	337.45	2860.28	1914.86	-795.12	2073.38	5.00
1ST FRUITLAN	ND COAL 3751' MD/	2928' TVD			.		
3751.58	18.15	337.45	2928.00	1937.57	-804.55	2097.97	5.00
3779.52	16.76	337.45	2954.65	1945.31	-807.76	2106.35	5.00
3879.52	11.76	337.45	3051.54	1968.04	-817.20	2130.97	5.00
3979.52	6.76	337.45	3150.21	1982.89	-823.37	2147.05	5.00
UPPER PC TO	NGUE 3993' MD/316	64' TVD					[
3993.40	6.06	337.45	3164.00	1984.32	-823.96	2148.59	5.00
PICTURED CL	IFFS 4040' MD/3211	' TVD					1
4040.57	3.70	337.45	3211.00	1988.03	-825.50	2152.61	5.00

Page 2
NEBU 351 File: P:\SURVEYS\DEVON\NEBU351.SVY

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Dogleg Severity Deg/100		
4079.52	1.76	337.45	3249.90	1989.74	-826.21	2154.46	5.00		
LEWIS 4114'	LEWIS 4114' MD/3285' TVD								
4114.62	.00	337.45	3285.00	1990.24	-826.42	2155.00	5.00		
4115' MD/3286	S' TVD Begin Hold @	② .00°, 337.45° Azm							
4115.62	.00	337.45	3286.00	1990.24	-826.42	2155.00	.00		
INTERMEDIAT	E CASING 4550' ME)/3721' TVD							
4550.62	.00	337.45	3721.00	1990.24	826.42	2155.00	.00		
MESAVERDE	4703' MD/3873' TVD								
4703.00	.00	337.45	3873.38	1990.24	-826.42	2155.00	.00		
CHACRA \ OT	ERO 5093' MD/4263'	TVD							
5093.00	.00	337.45	4263.38	1990.24	-826.42	2155.00	.00		
5114.62	.00	337.45	4285.00	1990.24	-826.42	2155.00	.00		
CLIFF HOUSE	5843' MD/5014								
5843.62	.00	337.45	5014.00	1990.24	-826.42	2155.00	.00		
MENEFEE 592	1' MD/5091' TVD				***************************************				
5921.00	.00	337.45	5091.38	1990.24	-826.42	2155.00	.00		
6114.62	.00	337.45	5285.00	1990.24	-826.42	2155.00	.00		
POINT LOOK	OUT 6199' MD/5370'	TVD					,		
6199.62	.00	337.45	5370.00	1990.24	-826.42	2155.00	.00		
MANCOS 661	1' MD/5781' TVD								
6611.00	.00	337.45	5781.38	1990.24	-826.42	2155.00	.00		
7114.62	.00	337.45	6285.00	1990.24	-826.42	2155.00	.00		
GALLUP 7616	' MD/6787' TVD								
7616.62	.00	337.45	6787.00	1990.24	-826.42	2155.00	.00		

Page 3
NEBU 351 File: P:\SURVEYS\DEVON\NEBU351.SVY

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Dogleg Severity Deg/100
8114.62	.00	337.45	7285.00	1990.24	-826.42	2155.00	.00
GREENHORN 8319' MD/7490' TVD							
8319.62	.00	337.45	7490.00	1990.24	-826.42	2155.00	.00
GRANEROS 8381' MD/7552' TVD							
8381.62	.00	337.45	7552.00	1990.24	-826.42	2155.00	.00
TWO WELLS 8456' MD/7627' TVD							
8456.62	.00	337.45	7627.00	1990.24	-826.42	2155.00	.00
DAKOTA (X MARKER) 8506' MD/7677' TVD							
8506.62	.00	337.45	7677.00	1990.24	-826.42	2155.00	.00
PAGUATE 8513' MD/7684' TVD							
8513.62	.00	337.45	7684.00	1990.24	-826.42	2155.00	.00
CUBERO 8531' MD/7702' TVD							
8531.62	.00	337.45	7702.00	1990.24	-826.42	2155.00	.00
LOWER CUBERO 8572' MD/7743' TVD							
8572.62	.00	337.45	7743.00	1990.24	-826.42	2155.00	.00
OAK CANYON 8616' MD/7787' TVD							
8616.62	.00	337.45	7787.00	1990,24	-826.42	2155.00	.00
ENCINAL CANYON 8631' MD/7802' TVD							
8631.62	.00	337.45	7802.00	1990.24	-826.42	2155.00	.00
LOWER ENCINAL CANYON 8664' MD/7835' TVD							
8664.62	.00	337.45	7835.00	1990.24	-826.42	2155.00	.00
PBHL @ 8699' MD/7870' TVD							
8699.62	.00	337.45	7870.00	1990.24	-826.42	2155.00	.00

Page 4
NEBU 351 File: P:\SURVEYS\DEVON\NEBU351.SVY

Company: Devon Energy Lease/Well: NEBU 351 Location: San Juan County State/Country: New Mexico



