. 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 Submit to appropriate District Office

☐ AMENDED REPORT

APPL	ICATI	ON FOR				ENTE	CR, DI	EEPEN	N, PLUGBA			
		Devon	Operator Name Energy Product 20 N. Broa	and Address	ny, L.P.				6137	² OGRID	Number	
			20 N. Broa Oklahoma City	• /				30 - 045	S. APIN	umber	-<-	
3 Prope	rty Code			,	³ Property	Name			130-04	عد عو	Wei	TNo
	19641				Northeast Bla	anco Unit					35	4
	⁹ Proposed Pool 1 Basın Dakota								¹⁰ Prop	osed Pool 2		
					⁷ Surface	Locati	ion					
UL or lot no	Section	Township	Range	Lot Idr		om the		outh line	Feet from the East/We		st line	County
J	32	31N	7W		1,6	590	So	uth	1,790	East		San Juan
			⁸ Propo	sed Botton	m Hole Loca	tion If I	Differer	t From S	Surface			
UL or lot no	Section	Township	Range	Lot Idr	n Feet fr	om the	North/S	outh line	Feet from the	East/Wes	st line	County
				Add	litional We	ell Info	rmatio	on		<u>L </u>	I	
	Type Code N		12 Well Type Coo G	de		e/Rotary otary		14	Lease Type Code State			nd Level Elevation 6,318'
	ultiple N		¹⁷ Proposed Dep	th		mation			19 Contractor			O Spud Date Unknown
Depth to Grou		100'	7,970'	Distance :	from nearest fre	kota sh water v	well >1,0	000'	Distance from	n nearest su	ırface wa	
<u>Pit</u> Liner	Synthetic	⊠ 12_m	ls thick Clay	Pit Vol	umebb	ls	Dı	ıllın <u>g Metl</u>	hod_			
Close	d-Loop Sys	stem 🔲					<u>Fr</u>	esh Water	⊠ Brine □ Die	esel/Oıl-bas	ed 🔲	Gas/Air 🛛
			21	Propose	ed Casing a	and Ce	ment	Progran	n			
Hole S	ıze		ng Size	Casing weight/foot		Setting Depth		Sacks of Cement			Estimated TOC	
12.1/			5/8"	32#		0-285'		200			Surface	
8 3/4		 	7"	23#			0-3.497'		575			Surface
6 1/4	,,	4	1/2"	11.6#		<u></u>	0-TD		700			Surface
		<u> </u>										
							e the dat	a on the pr	esent productive z	one and pro	posed r	new productive zone
Describe the	blowout pr	evention prog	ram, if any. Use	e additional	sheets if necess	ary						
							131		YAZIDI		٠	1.43 b 70
							۲Ħ	IUR	TO CAS	ING	& C	EMENT
²³ I hereby cer	tify that the	e information	given above is t	rue and com	iplete to the			OIL C	ONSERVAT	TION D	IVISI	ON
			tner certity tha guidelines 🔯, a			Approv	ved by					
an (attached) alternative OCD-approved plan .												
Sign:							Δ		1		•	
Printed name Melisa Castro						Title "	DEPUT	Y OIL &	CAS INSTECTO	0, DE	/** SPOP A.A.	AD 0 4 3040
Title Senior						Approv	val Date:	MAR 2	2 4 2009 E	xpiration I	Date M	AR 2 4 2010
E-mail Addres												
Date 3-/3-08 Phone 405-552-7917					Conditions of Approval Attached							

*Ďistrict I¹
PO Box 1980, Hobbs NM 88241-1980
District II

PO Drawer KK, Artesia, NM 87211-0719 District III 1000 Rto Brazos Rd , Aztec, NM 87410

District IV PO Box 2088, Santa Fe, NM 87504-2088 State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 21, 1994 Instructions on back Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

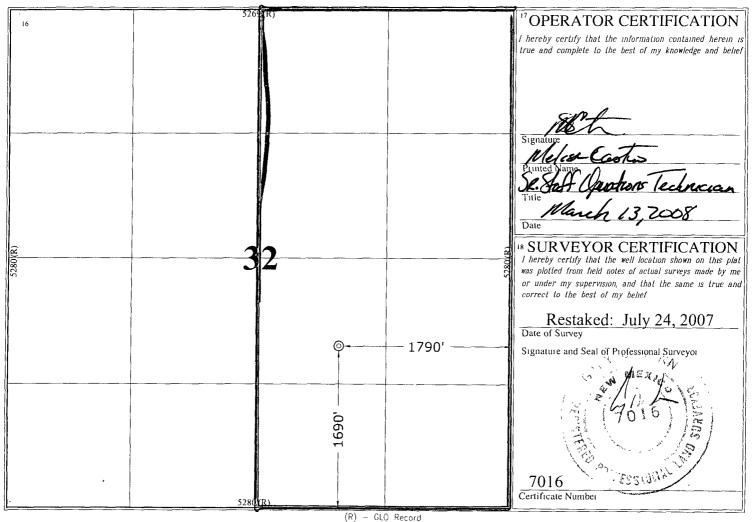
WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		² Pool Code	¹ Pool Na	me
30-045-34	658	71599	Basin Dakota	
Property Code			5 Property Name	⁶ Well Number
19641	NEI	BU		# 354
OGRID No	·		⁸ Operator Name	9 Elevation
6137	Devon Energy Production Company, L.P.			6318

Surface Location

UL or Lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	32	31 N	7 W		1690	SOUTH	1790	EAST	SAN JUAN
			" Bott	om Hole	Location If	Different From	n Surface		
⁷ UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	s ¹³ Join	t or Infill 14	Consolidatio	n Code 15	Order No			<u> </u>	
% - 320									

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



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

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 For drilling and production facilities, submit to appropriate NMOCD District Office.

For downstream facilities, submit to Santa Fe

Form C-144

June 1, 2004

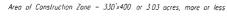
Pit or Below-Grade Tank Registration or Closure Is pit or below-grade tank covered by a "general plan"? Yes No

Type of action Registration of a pit of	r below-grade tank 🛛 Closure of a pit or below-gr	rade tank
Operator:Devon Energy Production Company, L.PTelephon Address:20 N Broadway, Oklahoma City, OK 73102	e:(405) 552-7917e-mail address	melisa.castro@dvn.com
Facility or well nameNEBU 354API #: 3	5.045.311.58 H/ 04/04 I	C 22 T 21N D 7W
County. San Juan Latitu	ide36 85347 Longitude	107 59125 NAD 1927 🔲 1983 🔲
Surface Owner: Federal State Private Indian		
<u>Pit</u>	Below-grade tank	
Type: Drilling ☑ Production ☐ Disposal ☐	Volumebbl Type of fluid	
Workover ☐ Emergency ☐	Construction material	
Lined 🛛 Unlined 🗌	Double-walled, with leak detection? Yes If no	ot, explain why not.
Liner type: Synthetic X Thickness 12 mil Clay		
Pit Volumebbl		
	Less than 50 feet	(20 points)
Depth to ground water (vertical distance from bottom of pit to seasonal		· -
high water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points)
	√ 100 feet or more	(0 points)
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)
•	√ No	(0 points)
water source, or less than 1000 feet from all other water sources.)		` .
Distance to surface water (horizontal distance to all wetlands, playas,	Less than 200 feet	(20 points)
irrigation canals, ditches, and perennial and ephemeral watercourses)	200 feet or more, but less than 1000 feet	(10 points)
irrigation canais, ditches, and perennial and epitemetal watercourses)	√ 1000 feet or more	(0 points)
	Panking Saara (Total Points)	
	Ranking Score (Total Points)	
If this is a pit closure: (1) Attach a diagram of the facility showing the pit's	relationship to other equipment and tanks (2) Indi-	cate disposal location: (check the onsite box if
your are burying in place) onsite 🔲 offsite 🔲 If offsite, name of facility	. (3) Attach a general	description of remedial action taken including
remediation start date and end date. (4) Groundwater encountered. No 🔲 Y		
(5) Attach soil sample results and a diagram of sample locations and excavati		
Additional Comments:	Olis.	
Auditorial Comments.	100 W 44 400	
I hereby certify that the information above is true and complete to the best of has been/will be constructed or closed according to NMOCD guidelines		
Date 3-13-08		
Printed Name/TitleMelisa Castro, Senior Staff Operations Technician	Signature // // Signature	
Your certification and NMOCD approval of this application/closure does not otherwise endanger public health or the environment. Nor does it relieve the regulations		
Approval: Jeputy Oil & Gas Inspector,	4.	MAR 2 4 2008
Printed Name/Title District #3	Signature	Date.

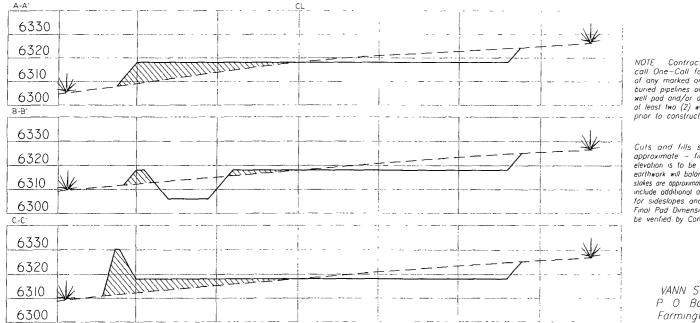
PAD LAYOUT PLAN & PROFILE DEVON ENERGY PRODUCTION COMPANY, L.P.

Nebu #354 1690' F/SL 1790' F/EL SEC. 32, T31N, R7W, N.M.P.M.

36.85347° (83) 107.59125° (83) Lat: Long: SAN JUAN COUNTY, NEW MEXICO C (5) F 9 <u>6</u> F 6 F 6' PROPOSED FLARE PIT PROPOSED 09 RESERVE PIT 00 Mud Tonks (4) C O 1 ELEV. 6318 S 26° E 1C0 ہل<u>ر Rig</u> Draw Works Motors 150 LAYDOWN RESTAKED SCALE 30 30' 230 Proposed Access Road ③ C 6' @ C7' 150 150 300 Α, В NOTES Reserve Pit Dike - Should be 8' above Deep side (overflow - 3' wide & 1' above shallow side)
Flare Pit - Overflow pipe should be halfway between (op and bottom and extend over plastic liner and into flare pit -400'-CONSTRUCTION ZONE



SCALE I"=60 -HORIZ I"=40'-VERT



NOTE Contractor should call One—Call for location of any marked or unmarked buried pipelines or cables on well pod and/or access road at least two (2) working days prior to construction

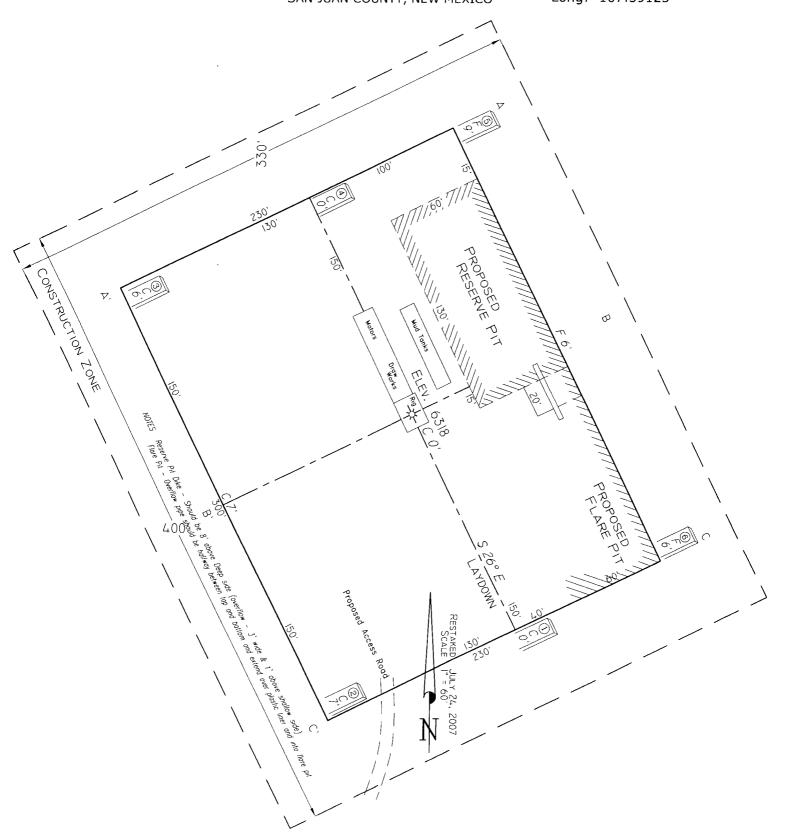
Cuts and fills shown are approximate — final finished elevation is to be adjusted so earthwork will balance. Corner stakes are approximate and do not include additional areas needed for sideslopes and drainages Final Pad Dimensions are to be verified by Contractor

> VANN SURVEYS P 0 Box 1306 Farmington, NM

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

Nebu # 354 1690' F/SL 1790' F/EL SEC. 32, T31N, R7W, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO

Lat: 36.85347° (83) Long: 107.59125° (83)



NEBU 354 SL: 1,690' FSL & 1,790' FEL, Unit J 32-31N-7W BHL: Same San Juan Co., NM

DRILLING PLAN

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

Formation	TMD (ft)	Hydrocarbon/Water Bearing Zones
San Jose	Surface	
Ojo Alamo	2152	Aquifer
Kirtland	2264	
Fruitland	2741	Gas
Fruitland 1 st Coal	2910	Gas
Pictured Cliffs Tongue	3136	Gas
Pictured Cliffs Main	3226	Gas
Lewis	3362	Gas
Intermediate TD	3497	
Huefanito Bentonite	3953	Gas
Chacra / Otera	4454	Gas
Cliff House	5114	Gas
Menefee	5200	Gas
Point Lookout	5450	Gas
Mancos	5860	Gas
Gallup	6825	Gas
Greenhorn	7522	
Graneros	7583	Gas
Paguate	7714	
Cubero	7727	
Oak Canyon	7798	

Encinal Canyon	7814	
Burro Canyon	7895	
Morrison	7910	
TD	7970	

^{*}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 #1 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.

2000# BOP With Pipe Rams and 2000# 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:

ŢMD	TVD	Hole Size	Size	Grade	Weight	Thread	Condition
0-285'	0-285'	12- 1/4"	9-5/8"	H-40	32#	STC	New
0-3497	0-3497	8-3/4"	7"	K-55	23#	LTC	New

0- TD 0- T	D 6-1/4"	4-1/2"	J-55	11.6#	LTC	New

Casing Size	Collapse Resistance	Internal Yield	Body Yield
9 5/8"	1400 psi	2270 psi	254K psi
7"	3270 psi	4360 psi	366K psi
4 1/2"	4960 psi	5350 psi	184K psi

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). In some situations an ACP and DV tool may be run.

<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. In some situations an ACP and DV tool may be run.

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	Туре	Weight (ppg)	Viscosity	pН	Water Loss	Remarks
0-285'	Spud- foam	8.4-9.0	29-70	8.0	NC	FW gel, LSND or stiff foam
285'-3,497'	Water/ Mud	8.4-9.0	29-70	8.0	NC	
3,497' - 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:

Density

Neutron Induction

In the event open hole logs are not run in the well, a cased hole evaluation log will Be run.

Survey:

Deviation surveys will be taken every 500' from 0-TD or first succeeding bit change. The hole will be air drilled from intermediate casing point to TD. The equipment used in this type of operation will not allow for single shot surveys

without considerable operational delays therefore 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.

Well Control Equipment 2,000 psi Configuration

