# RECENCO

**UNITED STATES** DEPARTMENT OF THE INTERIOR

MAR 22 2010

FORM APPROVED

OMB No. 10	04-013
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(August 2007)		BL	JREAL	J OF L	AND N	IANAG	EMEN	IT.					Expires July 31		
								B	ureau of Las	nd Manag	m,5 Lea	se Designa	tion and Seria	i No	
	APPLI	CATIC	ON FO	)K PE	(MII I	O DKI	LL OF	KEE	NTER TOTAL	n Field Off	Ca Sifin	F 078988 dian, Allotte	e or Tribe Na	 me	
									····						
1a. Type of Work	$\boxtimes$	DR!	ILL			REENTE	R				f .		greement, Nai Blanco Unit		
1b Type of Well		Oil Wel	ı 🔀 G	ias Well		ner [	Single 2	Zone	Multiple Zo	one	1	se Name ar		Unit #26	1H
2. Name of Open											9. API	Well No.	725-17	77	
DEVON EN	ERGY	PROI	DUCT	ION C	OMPA	NY,L.P	•	NM O	GRID # 6137		<u> </u>	eld and Poo	, or Explorato	<u></u>	
3a. Address		21.1.5.		:h. OV	72102	)		ne Num	nber 2-7.802		<del></del>	osa Pictu		Survey or Area	
20 N. Broad							(400	) 332	-1.002		13	20., 1., IV., N	i., or bik. arto	Ourvey or Alex	
At surface: At proposed prod	Ù	Jnit A,	75' FN	VL, 810	)' FEL	Sec. 7			N R6W		A s	ec 7, T-3 <sup>-</sup>	I-N, R-6-W		
14. Distance in m	ites and d			est town o	r post offi	ce*				, ,	1 _	ounty or Par	ish,	13 State	_
15 Miles from			ot.					16 No	of Acres in lease			an Juan	dedicated to the	New Me	exico
<ol> <li>Distance from location to neares</li> </ol>		u-	75'						560	•	lats	:4 X			
propety or lease I								•	~ <del>96€</del>	PAP	4	W414 S	E1/4 SEC	c.6 //k	5.21 acr
(Also to nearest o	rlg. Unıt li	ne, if any	)						. ,	1241					
18. Distance from	ı propose		0.404				1		posed Depth		20	D. BLM/BIA	Bond No. on fi	le	
location to neares	t well		812'					M	D5461'						
21. Elevation (St	ow wheth	er DF, Ki	DB, RT, C	GL, etc.)				22. App	proximate date wo	ork will start	23. Estimated duration				
6363' Grou	nd Lev	el							6/1/11		15 days				
2. A Drilli 3. A Surfa SUPC	ice Use P			is on Natio		-	Lands,the	•	item 2 5. Operat 6. Such c	0 above). tor certification	ı.		OTL C	g bond on file (: ONS. DIT e required by the oregin of the	J.
							<del></del>		,						
On site BL Archy by L	-			-	n 4/1/09				`	S	EE A1	TAC	IED FO	R	
EA & TE by						SEE A	TTACH	ED AF	D INFORMA	TIOOON[	OITIC	VS OF	APPR	OVAL	
25 Signature			<del></del>	$\overline{\wedge}$				<u> </u>		nted/Typed)		<del></del>	Date	- V) Ling	
	11	Tik	lo t	S.	in			Mike Pippin			3/20/2010	)			
Title Pe	troleum	Engine	er	//											
Approved by (Sigi	áture)	XI	M	,	71				Name(Pri	nted/Typed)			Date	; /	
	Q	]][.	///	ml	20/1	12C	3						5/	3/2	8/(J
Title	6	7		4	15	U		7	Office	FFC			L.,	<del></del>	
Application approv	al does n	ot warrar	it or certif	y the appl	cant hold	s legal or e	equitable	title to th	nose rights in the	subject lease	which would	d entitle the	applicant to		
conduct operation	s thereon	).													
Conditions of appr Title 18 U.S.C. Se				C Santiar	1212	les it a sei		-			-			<del></del>	
United States any	false, fici	bcious, or	fraudule:	nt stateme	nts or rep	resentatio	ns as to a	y persor iny matt	i knowlingly and er within its lurisd	wilmully to mak liction.	te to any de	epartment or	agency of the	• •	_ ,
*(Instructions on r														<del>.</del>	
			N	OTI	FY /	AZI	EU	OC	D 24-1	7713.				~	, ·
			PI	3IOF	3TC	CA	IIZ	٧G	& CEN	15M	S APPR	OVAL (	OR ACCE	PTANCE	OF THIS
This action is subj	ect to te	chnical	1 3	•					1	ACTIO	IN DUI	SONUL	KELIE V	c incle	SOUTH WISE
procedural review	pursua: Ini to 43	nt to 43 3 CFR 3	CFR 311	65.3		Hold C1	MMC	CD	B	OPER	ATOR I	FROM C	BTAIN	NG ANY	OTHER PERATION
						,,,,,,	<b>基础表现的</b>	استنده	_	A T [TT]	いつひきかん	11 IN 12	HINKE	いっていたしげ	EKALIUN

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS".

Hold C1MM01
for Directional Survey and "As Drilled" plat Hold C104

for Directional Survey and "As Drilled" plat

ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER **AUTHORIZATION REQUIRED FOR OPERATIONS** ON FEDERAL AND INDIAN LANDS

MAY 1 3 2010 A

1625 N French Dr., Hobbs NM 88240

1301 W. Grand Avenue, Artesia, NM 87210

1000 Rio Brazos Rd., Aziec, NM 87410

District IV

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

Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

State of New Mexico

1220 South St. Francis Dr.

Santa Fe, NM 87504-2088

Submit to Appropriate District Office State Lease - 4 Copies

Revised October 12, 2005

Fee Lease - 3 Copies

SAN JUAN

Form C-102

Guidau of Land Rangus III WAMENDED REPORT Fermisiantilon

Feet from the

1930

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

30.045.3	5127 9617	75 ROSA; PICTU	RED GLIFFS				
Property Code 19641	NEBU	3 Property Name					
OGRID No.		* Operator Name	<sup>9</sup> Elevation				
6137	<b>Devon Energy</b>	on Energy Production Company, L.P.					

<sup>10</sup> Surface Location

UL or Lor No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	7	31 N	6 W		75	NORTH	810	EAST	SAN JUAN

North/South line

SOUTH

"Bottom Hole Location If Different From Surface

3/23/10 <sup>7</sup> UL or lor no Feet from the 6 W 6 31 N 2211 Ţ Consolidation Code Dedicated Acres Joint or Infitt 14

Township

Range

178 SE/4 NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

\$ LOTS 8+9 OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION Lot 11 Lot 10 Lot 9 Bottom Hole Location 2211' F/SL 1930' F/EL 2953'(R) Azimuth # 333°55' 1689 Entry Point 2 00' F/SL 1190' F/EL zimuth - 333°55' 866, 2645'dM) 810

#### OPERATOR CERTIFICATION

East/West line

EAST

I bereby certify that the information contained herein is true and complete to

correct to the best of my behef

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

Restaked: March 16, 2009 Date of Survey

Signature and Seal of Professional Surveyor MESSIONA

7016 Certificate Number

(R) - GLO Record (M) - Measured

## **NEBU #261H**

From the town of Arboles, CO, take State HWY 151 to CR 330 and go south to CR 4020 for a total of 3.9 miles. Travel south 3.5 miles to then turn left (east) onto location road well site.

- 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 300 psi.

#### 3. Casing & Cementing Program:

A. The proposed casing program will be as follows:

TVD	Hole Size	Size	Grade	Weight	Thread	Condition
0-285	12-1/4"	9-5/8"	H-40	32#	STC	New
0-3114	8-3/4"	7"	J-55	23#	LTC	New
0- TD	6-1/4"	5-1/2**	J-55	15.5#	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
5 ½"	4040 psi	4810 psi	248K 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>7" Casing</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).

B. The proposed cementing program will be as follows:

Surface String:

9-5/8" Surface cemented in a 12-1/4" hole at 285'.

32.3# H-40 ST&C 8 Rnd Saw tooth guide shoe

Cemented with 200 sacks Class B mixed at 15.6 ppg w/.25 pps

Celloflake, 2% calcium chloride. Yeild 1.19 ft3/sx ,cement Designed to circulate to surface.

**Production String:** 

7" Production casing cemented in an 8-3/4" hole

23# J-55 LT&C 8 Rnd

Float collar

**Joint** 

Float Shoe

Cement with 500 sacks Class B 50/50 POZ, 3% gel, 5# gilsonite,

1/4"# Flocele, .1% CFR 3, .2% Halad 344, yield 1.47 ft3/sx. \*

Cement designed to circulate to surface.

Pending hole conditions, cement baskets may be installed above

TD

\* Minor variations possible due to existing hole conditions.

Liner:

5-1/2" liner\*

15.5# J-55 LT&C 8 Rnd

Shoe

Not Cemented

\* May not be run pending hole conditions.

If well does not respond to proposed to completion, the 5 ½ "
liner will be cemented using class B 50/50 POZ, 3% gel, 5#
gilsonite, ¼"# Flocele, .1% CFR 3, .2% Halad 344, yield 1.47
ft3/sx. \*\*

#### 4. DRILLING FLUIDS PROGRAM:

TVD	Type	Weight (ppg)	Viscosity	рН	Water Loss	Remarks
0-285	Spud	8.4-9.0	29-70	8.0	NC	FW gel,
285-3114	LSND	8.4-9.0	29-70	8.0	10-12	LCM as needed
2871 - TD	Air					Foam as needed

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:

Wireline Logs:

None

Mud Logs: mud logging in Fruitland Coal & PC.

<sup>\*\*</sup> Minor variations possible due to existing hole conditions

Survey: Deviation surveys will be taken every 500' from 0-TD of 8 3/4" hole or first

succeeding bit change.

Cores: None anticipated.

**DST's:** None anticipated.

#### 6. ABNORMAL CONDITIONS:

The Fruitland Coal will be encountered within the 8 ¾" 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** 

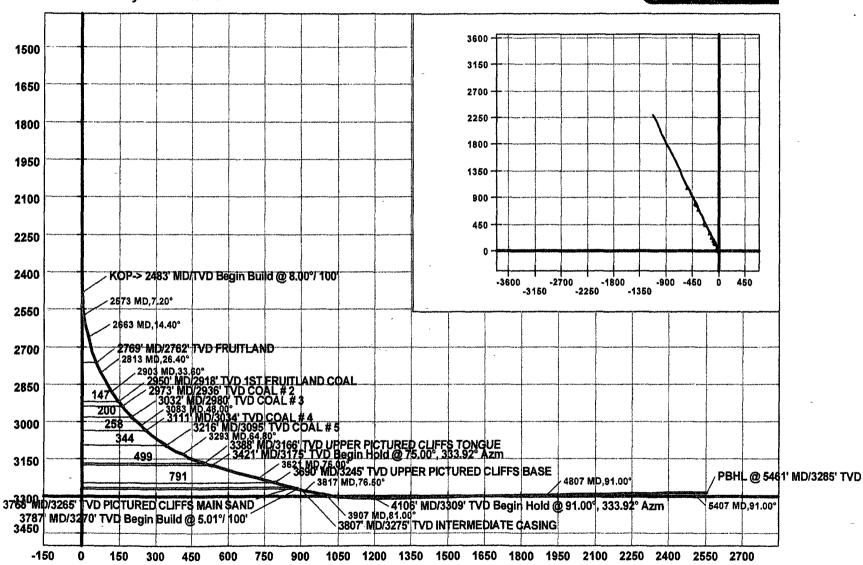
Duration:

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.

Company: Devon Energy Lease/Well: NEBU #261H Location: San Juan County State/Country: New Mexico





## **DRILLING CONDITIONS OF APPROVAL**

**Operator:** 

**Devon Energy** 

Lease No.:

NMSF-078988

Well Name:

Northeast Blanco Unit #261H

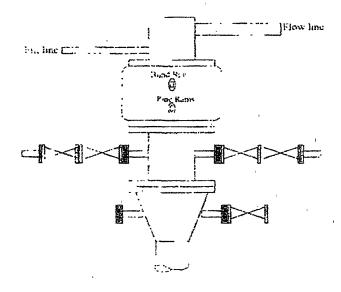
Well Location: Sec.7, T31N, R6W; 75' FNL & 810' FEL

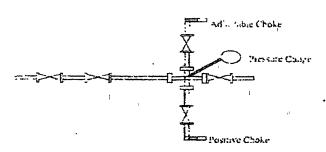
2) Pressure test each casing string to a minimum of 30 minutes with no more than a 10% pressure decline.



After hour contact: Troy Salyers 505-360-9815

# Well Control Equipment 2,000 psi Configuration





All well control equipment designed to meet or exceed the Onshote Oil and this Order No. 2, 10 M 43 CHR 3, 60 requirement, 167 2M systems.