N.M. Oil Cons. DIV-Dist. 2 1301 W. Grand Avenue

UNITED STATESIA, NM 88210
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form 3160-4 (April 2004)

FORM SPPROVED OMB NO. 1004-0137 Expires: March 31, 2007

	WELL	COMP	LETION	OR R	ECOMPLET	ION R	EPOR	T AND I	LOG		NM	1-1047	erial No.	ૢૢૢૢૢૢૢૢૢૢ	-,
la. Type of		_	Gas		Dry Oth		Plug	. Book F	∃n:er	Resvr,	6	. If Indian	, Allottee	or Tribe Na	me
b. Type of	•	-	ther	" <u> </u>	WOLK OVER	Беереп		Back L		rcsvi, .	7	7 Unit or CA Agreement Name and No.			
	Operator Produ	ıcina	Compa	nv						٠	Si.	Lease N	ame and W	(ell No. Iera 1	#24
3. Address				797	02-7340	1 4	20 6	ne No. (inc	00	•	9	AFI We 0-015-	11 No.		
	BOX]				ordance with F	14 ederal req	uirement.	85-81 s)*	.00 0		10	. Field an	d Pool, or	Exploratory	
At surfa	ce 19	980'	FNL &	1980	' FEL		a FI	MIN	ALC V						re Wes
At top p	rod. interval	reported	below	same	cordance with F	MEI	11.00	•			1	Sec., T Survey		1810ck and 1245/3	
At total	denth Sõ	ame			(S. 1/2 . 2							County		I3. Star	te
4. Date Sp 05/1	F		15. Date 1	D. Reach	ned	16.	Date Co	mpleted (76/10	0/04	17	. Elevation			L)*
UD/ 1		825		25/04	lug Back T.D.:		<u>∟</u> 0& 817			o Prod. h Bridge		412 : MD			
a. Iouri	TVI		J	15.1		TVD	017					TVD			
21. Type El	ectric & O	her Mecl	nanical Log	Run (Su	ıbmit copy of ea	ch)		22		well cor		No No	Yes (Subr Yes (Subr	nit analysis)
	I/GR, I									ctional S	<u> </u>	No No	Yes (S	ubmit copy)
	and Liner	1			1	Stage Co	ementer	No. of	Sks. &	Slurr	Vol.		T	Amount	Pulled
Hole Size	Size/Grade			p (MD)	Bottom (MD)	Dep		Type of	Cement	(B	BL)	Cement	•	Allouit	· ·
1	8-5/8				680 4170			660 (1450					face face		
7-7/8	4-1/2	2 11.	6		8250			2130	С	ļ		2200			
24 Tubing Size		et (MD)	Packer Dep	th (MD)	Size	Depth S	Set (MD)	Packer De	epth (MI))	Size	Depth	Set (MD)	Packer D	Depth (MD)
2-3/8 25. Produc	7842					26. P	erforation	n Record		<u> </u>					
	Formation			ор	Bottom	Po	erforated	Interval		Size	1	Holes	1	Perf. Status	
A) [B))e1awa	re				8049	9-790	00 (0/	<u>4) </u>			28			
C)															
D) 27. Acid, F	racture, Trea	atment. Co	ement Squee	ze, etc.		J			i		<u>. </u>				
E	epth Interva	1			1000 -	7 . 7		Amount and		f Materia	1				
8049-	7900(JA)		dzw/	1800 ga										
	ction - Interv			Lau			Louis		1 7			14.4.			
Date First Produced 10/04	Test Date 06/13	Hours Tested 24	Test Production	оіі вві 85	Gas MCF 118	Water 3BL 141	Oil Gra Corr. A	. 1	Gas Grav	ity		n Method mping			
Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oi Ratio 1388		Well S	_{Status} rodu	cing				
28a. Produ	uction - Inte		T	Lou	IC 11	Vater	1000								
Produced	Test Date	Hours Tested	Test Production	Oil BBL		BBL	Oil Gr Coπ. A	avity API	Gas Gravity	,	Productio	ACC	EPTE	D FOF	RECO
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oi Ratio	i	Well S	tatus			1111	2 2	2004
*(See ins	tructions an	d spaces	for addition	al data on	page 2)						·		JUN	22	2004
															OBODA OBODA NGINEEF

	28b. Produ	iction - Inter	rvai C		*-						
-	Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
-	Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
•	28c. Prod	uction - Inte	erval D	·	 	†					
-	Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
•	Choke Size	Tog. Press. Flwg. Si	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
•	-	osition of C	ias (Sold, u	ised for fuel,	vented, et	c.)					
•			ous Zones	(Include Aq	uifers):				31 Forma	tion (Log) Markers	
	Show tests,	v all import	tant zones	of porosity	and conter	nts thereof: I, time tool o	Cored interv pen, flowing	als and all drill-ster and shut-in pressure	n	Non (Log) Markets	
	Fоrm	nation	Тор	Bottom		Desc	riptions, Con	tents, etc.	_	Name	Top Meas. Depth
Basala Delawa Bell (Cherry Brushy Bone S	are Li Canyon / Cany / Cany Spring	me on on	4045 4272 4301 5198 6453 8105		rocedure):						
	人 El 人 Su 34. I hero	ectrical/Me indry Notice eby certify t (please pri	chanical L e for plugg	ogs (1 full s	et req'd.) ent verifica uttached inf	ation (n the appropr Geologic Rep Core Analysis complete and	DST Report DST Report Dother:	ed from all avai	lable records (see attached insu	uctions)*

Form 3160-5 (June 1990)

DEPARTMENT OF THE INTEROF W. Grand BUREAU OF LAND MANAGEME

FORM: APPROVED Budget Bureau No. 1004-0135

5. Lease Designation

NM-104730

6. If Indian, Allottee or Trib

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals

	40
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
SUBMIT IN TRIPLICATE 1. Type of Well Oil Well Other 2. Name of Operator	8. Well Name and No. Sundance Federal #24
Pogo Producing Company	9. API Well No. 30-105-33385
3. Address and Telephone No. P. 0. Box 10340, Midland, TX 79702-7340 432-685-8100 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	10. Field and Pool, or Exploratory Area Sand Dunes Delaware W.
1980' FNL & 1980' FEL, Section 4, T24S, R31E	11. County or Parish, State Eddy County, NM
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
Notice of Intent ACCEPTED FOR RECORD Abandonment Recompletion	Change of Plans New Construction
Subsequent Report JUN 2 2 2004 Plugging Back Casing Repair	Non-Routine Fracturing Water Shut-Off
Final Abandonment Notice Altering Casing	Conversion to Injection
ALEXIS C. SWOBODA (X) Other Drlg operations PETROLEUM ENGINEER	Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

directionally drilled, give subsurface locations and measured and true vertical depths for all markders and zones pertinent to this work.)*

Intermediate Csg - Drld 11" hole to 4170'. TD reached @ 02:00 hrs 05/18/04. Ran 96 jts 8-5/8" 32# J-55 ST&C csg. Cmt'd w/ 1250 sks Lite @ 12.8 ppg followed by 200 sks Cl "C" + 2% CaCl2 @ 14.8 ppg. Circ 110 sks to surface. WOC 18 hrs. Make cut-off. Install WH. NU BOP's & test ok.

TD & Prod Csg - Drld 7-7/8" hole to 8250'. TD reached @ 06:30 hrs 05/25/04. Logged well w/ Schlumberger. Ran 183 its 4-1/2" 11.6# J-55 & N-80 LT&C csg. Cmt'd 1st stage w/ 880 sks Cl "H" + additives @ 15.7 ppg. Cmt'd 2nd stage w/ 800 sks Cl "C" + additives @ 14.1 ppg. Circ 3rd stage w/ 250 sks Cl "C" + additives @ 12.4 ppg followed by 200 sks Cl "C" + additives @ 14.8 ppg. CBL ran 05/31/04. TOC @ 2200'.

14. I hereby certify that the foregoing is true and correct Signed	Title	Sr. Operation Tech	Date	06/14/04
(This space for Federal of State office use)			<u>-</u>	
Approved by	Title		Date	

Title 18 U.S.C. Section 1001, makes 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.

N.M. Oil Cons. DIV-Dist. 2

AMEND POTENTIAL 301 W. Grand Avenue

Artesia, NM 88210

Form 3160-4 (April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FÖRM APPROVED OMB NO. 1004-0137 Expites: March 31, 200

												INM	-1047	<u>30`</u> ₹≎	<u> </u>	
la. Type of V	Vell 🔯	Oil Well		Gas Well		Dry Othe	r					6.	lf Indian,	Allottee or	r Tribe Name	
b. Type of C	Completion:]New	Well	□ w	ork Over 🔲	Осереп 🗀]Plug E	Back _	Diff. I	lesvr, .	<u> </u>	41 55 6	34.4		
		Oti	1CT									7	Unit or C	A Agreeme	ent Name and	No.
2. Name of			_									_ 8.	Lease No	ame and We	eli Na	
	Produ	<u>cing</u>	Con	ıpany	, ,	n 7780					4.	Su	ndanc	e Fed	erål #2	24
3. Address	Box 1	U31 U	Mi			2-7340 TX			No. (inci 35–81		a code)	30	AFI Wel -015-	33385	SI	
						rdance with Fe				<u> </u>					xploratory	
	1.0	80' F		•			acran roquire								elaware	e We
At surfac	e 13	.00 1	116	u 13	,00	1	00	N I E	יחרוי	F Lede	i s i	11.	Sec., T.,	R., M., on	Block and	
At top pr	od. interval	reported b	tlow	Sa	ıme			NF	IDE	NI					245/31	=
At total o	lenth S.A	me							e agree assume		1 1 1		County		IX State	
14. Date Spu	F		15 D	ate T.D. 1	Reache	d	16 D	ate Con	npleted	16/10	1/04		Idy Co		KB, RT, GL)*	
05/1	0704		0!	5/25/	04	•]D & A	X	Ready	o Prod.		12	(21,12	,,	
18. Total De	pth: MD	8250)		19. Plu	g Back T.D.:	MD	817	3 20). Dep	h Bridge	Plug Set	: MD			
	TVE)				•	TVD						TVD			
21 Type El	ectric & Ot	her Mech	nical	Logs Ru	n (Sub	mit copy of ea	ch)		22	2. Was	well core	xd? X	No 🗌	Yes (Subm	nit analysis)	
LUDCH	/GR, I	L /MCI	51								DST run		No 🗌	Yes (Subrr	nit report)	
						ut in wall)				Dire	ctional St	rvey?	∐No	<u> </u>	ubmit copy)	
	and Liner	1					Stage Ceme	enter	No. of	Sks. &	Slurry	/ Vol.	C	T	Amount Pul	led
	Size/Grade	1 '	/IL)	Top (M	(u)	Bottom (MD)	Depth	_	Type of	Cement	(B	BL)	Cement			
17-1/2	13-3/8		_			680	ļ		660 (face		
7-7/8	8-5/8 4-1/3	3 32	-			4170 8250			<u>1450</u> 2130				220	face		
1-1/0	4-1/	-	-			0230	 		2130	<u> </u>	1		- ~~	U		
								1								
											<u></u>		<u> </u>			
24 Tubing							T	0 (D) [n 1 n	4.01	5\I	0'	In. 4	C+0.60	I Date - Day	LOG
Size	7842	et (MD)	Packer	r Depth (1	MD)	Size	Depth Set	(MD)	Packer D	epun (M	- (1	Size	Depui	Set (MD)	Packer Dep	ш (ми
25. Produc		<u></u>			1		26. Peri	foration	Record				i		l	
	Formation			Тор		Bottom	. 1		Interval		Size	1	Holes		Perf. Status	
	<u>)elawa</u>	re					8049-	-7 <u>90</u>	0 (0	<u>A) </u>			28	<u> </u>		
B)												ACC	FFIF	11-0	R RECC	חשו
D)			\dashv		\dashv							1			- TILOC	71 (U
27. Acid, F	Fracture, Tre	atment, Ce	ment S	Squeeze,	etc.								- ***	<u> </u>		
	Depth Interv								mount an		of Materi	al	بأوانه حد	122	2004	
8049-	-7900(UA)				1800 g					_					1
				Frac	W/_	77,000	#_ILC_:	t 44	₽,000	#51	4		ALCVIO	C C)A	OBODA ADOBOV	/
												Р	ETROL	EUM E	NGINEER	
28. Produ	iction - Inter		- ·	1 0			···	010		Gas						
Produced	Date	Hours Tested	Test Produ	iction B	il IBL	Gas MCF	Water BBL	Oil Gr.	API		vity		on Method			
/10/04 Choke		19			35	118 Gas	141	40 Gas/0		11/2/1	Status	<u>P</u>	umpino	1		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr Rate		107	MCF 149	Water BBL 178	Ratio		- 1			_			
20. 5	SI			→]	10/	149	1/0	1388	5;1		rodu	icing	J			
Date First	luction - Inte	Hours	Test	To	Oil	Gas	Water	Oil Gr	ravity	Gas		Product	ion Method			
Produced	Date	Tested	Produ		BBL	MCF	BBL	Corr.	API'	Grav	ity					
Chala	l		-			1_		Corto		- 1		1				

Water BBL GAS MCF Ratio

*(See instructions and spaces for additional data on page 2)

28b. Produ	ction - Inte	val C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
			>							
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
28c. Prod	uction - Int	erval D		 	_					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. Si	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		·
29. Disp	osition of (Gas (Sold,	used for fuel,	vented, e	uc.)					
	Sold									
		rous Zones	(Include Aq	uifers):				31. Forma	ation (Log) Markers	
Shortests	w all impor	tant zones	of porosity	and conte	ents thereof: ad, time tool	Cored inter- open, flowing	vals and all drill-ste and shut-in pressur	em		
		Тор	Botton		Dec	criptions, Cor	itents etc		Name	Тор
	mation	·~							t voil Fo	Meas. Depth
salsAhhyd aware Li I Canyor erry Cany	ime n	4045 4272 4301 5198	!							
shy Cany	on/	6453	3							}
e Spring]	8105	5							ļ
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		1								
		<u> </u>								
32. Add	litional rem	arks (inclu	ide plugging	procedure	:):					
22 Ind	ionta subiob	itmer bev	a baan attach	ad by pla	aina a abaal	c in the appro	neiata bayan:			
			Logs (1 full		•	T Geologic Re		port Direc	tional Sugrey	
			gging and ce		_	Core Analy	· —	port Cloud	ctional Sui vey	
						·				
34. I h	ereby certify	that the f	oregoing and	attached	information	is complete a	nd correct as determ	nined from all a	vailable records (see attached	instructions)*
Nan	n c (please	orini) _	Cathy	Wrig	iht -	-	Title _	Sr. Ope	eration Tech	
Sig	gnature	(184	high	M	St		Date _	June 14	, 2004	
			\mathcal{L}							