Form 3160-4 (October 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE®

(See other instructions on reverse side) FOR APPROVED OMB NO. 1004-9137

Expires: December 31, 1991

		DEP	AKIMENIO	I I I I I I I I I I I I I I I I I I I	IUK	reverse side)		<u> </u>	cember 31, 1991				
		Bl	5. LEASE DESIGNATION AND SERIAL NO.										
			NMSF078147										
MELL C	OMDLE	TION OR R	6. IF INDIAN, ALLOTTEE OR TRIBE NAME										
					OICI AIID		i						
1a. TYPE OF	WELL:	OIL WELL	GAS WELL X	DRY Other									
h TV0E 05	COMPLETIO	381.	7. UNIT AGREEMENT NAME										
b. TYPE OF	NEW T	JN: WORK DEEP-[PLUG	DIFF.	dhc574az		. FADA	OR LEASE NA	ME WELL NO				
	WELL X	OVER EN	O. FARM	I OR LEASE IVA	ME, WELLING.								
				alsant #1B									
2. NAME OF						1 5 2 mg	1	VELL NO.					
		RESOURCES O	IL & GAS COM	PANY	3.	10,000	<u> </u>	0-045-30547					
3. ADDRESS				5) 326-9700 🖟	FE		i .	LD AND POOL, (
		, Farmington, NM			verde/Basin Dak								
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) 11. SEC., T., R., M., OR BLOCK AND SUR													
At surface	161	10'FSL, 1835'FEL		.	Tage To	*	I ∽	AREA					
				*	• 67.4								
At top pre	d, interval re	ported below		30					Sec.24, T-32-N, R-12-W				
*****					* _*								
At total de	epon .				1 N 1 N 1 1		1						
			1	4. PERMIT NO.	DATE ISSUE	D	12. CO	UNTY ØR	13. STATE				
					1		P/	ARISH					
					<u> </u>			San Juan	New Mexico				
15. DATE SPU	DDED 16.	DATE T.D. REACHED	1 .	OMPL. (Ready to prod.)		18. ELEVATIONS (DF, F		R, ETC.)*	19. ELEV. CASING	HEAD			
11/24/20		12/4/2001		2002		6535'GL, 654							
20. TOTAL DE	PTH, MD &TV(21. PLUG, B.	ACK T.D., MD &TVD	22. IF MULTIPLE C		23. INTERVALS DRILLED BY	ROTARY	TOOLS	CABLE TOOLS				
7800'		7794	•	2			10-7800	•	1				
	ION INTERVA	L (S) OF THIS COMPLE		I. NAME (MD AND TVD)	AME (MD AND TVD)*			25. WAS DIRECTIONAL					
24		_ (0, 0					1	SURVEY MA					
	60' Dakota						100 1110		No				
		THER LOGS RUN					27. WAS	WELL CORED					
TMDL, C	CBL/GR/CC	JL							No				
28.				CASING RECORD									
CASING SIZ	E/GRADE	WEIGHT, LB./FT.	DEPTH SET (MI	<u> </u>	TOP OF CE	MENT, CEMENTING REC	ORD	A	MOUNT PULLED				
9 5/8		32.3#	359' 5148'	12 1/4 8 3/4		324 cu. Ft. 1052 cu. Ft.							
7		23#	3140	0 3/4	+	1002 Cd. Ft.							
					-								
29.		LINER RE	CORD	· <u>-</u>	30.				D				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMEN	SCREEN (MD)	SIZE	DEPTH SET							
4 1/2	4075'	7796'	410 cu. Ft.		2 3/8 7711'				SN @ 7710'				
U 1		D (Interval, size and nur	•	32.					E, CEMENT SQUEEZE, ETC.				
		7709', 7720-7725'	, 7740-77 44 ',						NOUNT AND KIND OF MATERIAL USED VATER PAID, 40,000# 20/40 TVC sand				
7757-77	/60			7592	7594-7760 30,000 gai slick w				ater pau, 40,000# 20/40 TVC sain				
													
33.					PRODUCTION								
DATE FIRST PR	RODUCTION	PRODU	CTION METHOD (FA	owing, gas lift, pumping-	-size and type of pui	nρ)			(Producing or shut-in	,			
		I velipe Tratto	TOUCKE CITE	Flowing PROD'N FOR OIL-	-BBL	GASMCF		SI R-BBL	IGAS-OIL RATIO				
DATE OF TEST		HOURS TESTED		TEST PERIOD	-000		1	IV-BOL	GAS-OIL IVATIO				
1/31/02	,	ļ					İ						
FLOW, TUBING		CASING PRESSURE	CALCULATED	OIL-BBL	GÁŠMCF	WATER	BBL		OIL GRAVITY-API	(CORR.)			
			24-HOUR RATE										
SI 390		SI 505	──		858 Pitot ga	uge							
34. DISPOSIT	TION OF GAS	(Sold, used for fuel, veni	ed, etc.)					TEST WITNESS	SED BY				
		To be sold							717 . 1 137 . 1				
35. LIST OF A	ATTACHMENT	S					ACC	EPTED FO	R RECORD	l			
		None				la enganda			T				
36. I hereby o	certify that the f	oregoing and attached in	πormation is complet	e and correct as determ	wed from all availab	18 18COTO5			Non-	ĺ			
(A. a.	1 / 1/2	DATE	FEB 2 2	2002								
THE THE PARTY AND THE PARTY AN													
	1	*19	ee Instructio	ns and Spaces	for Addition	al Data on Rever	se 5/8	INGTON F	IELD OFFICE				
Title 1911 S	(S.C. Section	ر) n 1001 makes it a	crime for any n	erson knowingly a	ind willfully to n	nake to any departn	nent of a	nency of the	14//				
United State	es anv fals	e. fictitious or frau	dulent statemer	nts or representation	ons as to any r	natter within its juris	sdiction.		/-//				
Otal		_,		,									

	FORMATION TOP BOTTOM	recoverles):	37. SUMMARY OF POROUS ZONES: (Show all important zones of poresity and contents thereof; cored intervals drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressu	
	DESCRIPTION OF STREET STREET		poresity and contents thereof; cored intervals; and all id, time tool open, flowing and shut-in pressures, and 38.	
	MAN			
VBX1. C0710	MEAS DEPTH	105	GEOLOGIC MARKERS	

Dakota	Graneros	Greenhorn	Gallup	Mancos	Point Lookout	Menefee	Cliff House	Chacra	Huerfanito Bentonite* 3766'	Lewis	Pictured Cliffs	Fruitland	Ojo Alamo Kirtland
7670'	7528'	7470'	68281	5737'	5373 '	50061	4616'	4228	e* 3766′	32451	3086'	2424'	1068' 1155'
7800	7670'	7528'	7470'	6828'	5737'	5373'	5006'	4616'	4228'	3766'	32451	3086'	1155'
Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dk gry shale, fossil & carb w/pyrite incl.	Highly calc gry sh w/thin lmst.	It gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Dark gry carb sh.	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Med-dark gry, fine gr ss, carb sh & coal	ss. Gry, fine-grn, dense sil ss.	<pre>Gry fn grn silty, glauconitic sd stone w/drk gry shale</pre>	White, waxy chalky bentonite	Shale w/siltstone stringers	Bn-Gry, fine grn, tight 88.	Dk gry-gry carb sh, coal, grn silts, light- med gry, tight, fine gr ss.	White, cr-gr 88. Gry sh interbedded w/tight, gry, fine-gr 88.
ceaks			F			Graneros Dakota	Greenhorn	Point Lookout Mancos	Menefee	Cliffhouse	Lewis Huerfanito Bent Chacra	Fruitland Pictured Cliffs	Ojo Alamo Kirtland
			18 No. 19 No.	ele in i	e e de la companya d	7670'	7470'	5737'	5006'	4616'	3766 · 4228 ·	3086	1155

^{*} Huerfanito Bentonite is the legal top of Mesaverde in New Mexico (North of Chacra line)