Form 3160-4 (October 1990)

## **UNITED STATES DEPARTMENT OF THE INTERIOR**

SUBMIT IN DUPLICATE	FOR APPROVED
(See other in- structions on	OMB NO. 1004-0137
reverse side)	Expires: December 31, 1991

		В	SUREAU OF LAN	D MANAGEMEN	IT	Mt	CUEIVE	_   )	ON AND SERIAL NO.	
WELL	OMDI	ETION OR F	PECOMPLE	TION PED	OPT AND	LOG	* 6	NMNM0420	TEE OR TRIBE NAME	
1a. TYPE OF		-ETION OK F			OKI AND	LUG	<del></del>	1: 58		
Id. TTPE OF	WELL.	WELL	WELL X	DRY Other		<del></del>		7. UNIT AGREEMEN	T NAME	
b. TYPE OF	COMPLE					)70 F	arminatik	Allison Unit		
	NEW X	WORK DEEP- OVER EN	PLUG BACK	DIFF. RESVR Other	dhc1296az	// O 1 :	arring was	FARM OR LEASE	NAME, WELL NO.	
								Allison Unit	:#38N	
2. NAME O								9. API WELL NO.		
		ON RESOURCES C LEPHONE NO.	OIL & GAS COMP	ANY				30-045-309 10. FIELD AND POO		
	• • • • • • • •	89, Farmington, NM	187499 (505	) 326-9700	James James	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7000	Blanco MV		
		LL (Report location cle			requirements)*	A	<del>300 1</del>		OR BLOCK AND SURVEY	
At surfac	e 1	745'FNL, 2450'FEL			e professioner de la companya de la La companya de la co			OR AREA		
					$\mathcal{E}_{ij} = \mathcal{S} \mathcal{E}_{ij}$	o 2000	, (a)	Sec. 17, T-	32-N, R-6-W	
At top pro	od. interval	reported below		· \$		4000	· 🔛			
At total d	enth					1.5				
, it total d	Орил				<u>. 1</u> 4		w. M			
			14.	PERMIT NO.	DATE ISSUE	D	× 7	12. COUNTY OR	13. STATE	
					1366		647 L	PARISH San Juan	New Mexico	
15. DATE SPU	JDDED 16	DATE T.D. REACHED	17. DATE COM	IPL. (Ready to prod.	) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		ATIONS (DF, RKB,	RT, BR, ETC.)*	19. ELEV. CASINGHEAD	
7/11/20		7/18/2003	9/3/20		-13_			75 <b>'</b> KB		
20. TOTAL DE	:PTH, MD &1	VD 21. PLUG, E	BACK T.D., MD &TVD	22. IF MULTIPLE C	MANY*	23. INTEI DRIL	LED BY	OTARY TOOLS	CABLE TOOLS	
7979'		7961	<u>''</u>	2			ye	es	<u> </u>	
24. PRODUCT	TION INTERV	/AL (S) OF THIS COMPLE	ETION-TOP, BOTTOM,	NAME (MD AND TVD	)*			25. WAS DIRE SURVEY		
7843-79	920' Dako	ota						351.721	No	
26. TYPE ELE	CTRIC AND	OTHER LOGS RUN	` ` `				27	WAS WELL CORE	D	
CBL/GF	RVCCL	<u></u>							No	
28.				CASING RECORD						
9 5/8	H-40	WEIGHT, LB./FT.	DEPTH SET (MD) 318'	HOLE SIZE 12 1/4	TOP OF CER	300 cu.	MENTING RECORD	<del>'  </del>	AMOUNT PULLED	
7	J-55	20#	3589'	8 3/4		1127 c				
4 1/2	J-55	10.5-11.6#	7963'	6 1/4		537 cu.	. ft.			
29.		LINER RI	ECOPD		30.			TUBING RECO	BD.	
SIZE	TOP (ME		SACKS CEMENT*	SCREEN (MD)	SIZE	—т	DEPTH SET (ME		PACKER SET (MD)	
					2 3/8	J-55 7		SN @ 786		
DEDEOD	710110500	IDD (Internal pine and a								
31 PERFORA	ATION RECO	RD (Interval, size and nur.	noer)	32.	ERVAL (MD)	D, SHOT		EMENT SQUEEZE		
7843-7853', 7886-7920' w/46 0.33" diameter holes								AMOUNT AND KIND OF MATERIAL USED water, & 40,000# TLC 20/40 sand		
									<del></del>	
				<del> </del>		<del> </del>				
33.	NODI ICTIC:	1 BOZVINI	CTION METHOD (Flow		PRODUCTION					
DATE FIRST PE	KUDUCTION	PRODU	CHOM WEITION (MOW	ng, gas iitt, pumping Flowing	are and type of pum	ν)		SI	S (Producing or shut-in)	
DATE OF TEST		HOURS TESTED		OD'N FOR OIL-	BBL	GASM	CF	WATER-BBL	GAS-OIL RATIO	
	_		TE	ST PERIOD		i				
9/3/200 FLOW, TUBING		CASING PRESSURE	CALCULATED C	DIL-BBL	GASMCF		WATERBBL	<del></del>	OIL GRAVITY ADVICEDS:	
. LOVE TUBING		SAGING! NEGOCINE	24-HOUR RATE	-UDL	GAS-WICE	l	**AICKBBL		OIL GRAVITY-API (CORR.)	
SI 655		SI 552	<b></b>		751 Pitot gau	ge				
34. DISPOSIT	ION OF GAS	(Sold, used for fuel, vento	ed, ētc.)					TEST WITNES	SSED BY	
35. LIST OF A	TTACHMEN	To be sold		· · · · ·						
		None						ACCEPTE	D FOR RECORL	
36. I hereby c	ertify that the	foregoing and attached in	formation is complete a	nd correct as determine	ned from all available	records				
	<u> </u>		<del></del>					ATE 9/18/2003	2 3 2003	
SIGNED _	1 om	rus Wims	TITLE	Regulatory Sp	ecialist		D.	ATE 9/18/2003	~ a r003	

\*(See Instructions and Spaces for Additional Data on Reverse Side) FARMING OWN FIELD UFFICE

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37.	SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and
	recoveries);

38. GEOLOGIC MARKERS

	FORMATION TOP		воттом	DESCRIPTION OF STR. ETC.		ТОР		
				3.00	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	
	'	ı						
	Ojo Alamo	2208'	2330'	White, cr-gr ss.	Ojo Alamo	2208	1	
	Kirtland	2330'	2850'	Gry sh interbedded w/tight, gry, fine-gr ss.				
					Kirtland	2330	1	
	Fruitland	2850'	3084'	Dk gry-gry carb sh, coal, grn silts, light- med gry, tight, fine gr ss.	Fruitland	2850	1	
					Pictured Cl:	lffs 3084	T	
	Pictured Cliffs	3084'	3454'	Bn-Gry, fine grn, tight ss.	Lewis	3454	t	
					Huerfanito H	Bent 4153	r	
					Chacra	4631	Ī	
	Lewis	3454 '	4153'	Shale w/siltstone stringers	Cliffhouse	5038	1	
	Huerfanito Bentonite*	4153'	4631'	White, waxy chalky bentonite			<b>6</b> 5 126 1	
•				· · · · · · · · · · · · · · · · · · ·	Menefee	5418		
	Chacra	4631'	5038'	Gry fn grn silty, glauconitic sd stone	Point Lookou		, i	
	Citatia	1031	3030	w/drk gry shale	Mancos	6092	₹.	
	Cliff House	50381	5418'	ss. Gry, fine-grn, dense sil ss.	Gallup	6960		
	CITIE HOUDE			22. cli, line 510, dense 221 22.	Greenhorn	7676		
	Menefee	54181	5584'	Med-dark gry, fine gr ss, carb sh & coal	Graneros	7723		
	Melleree	3410	3304	ned dark gry, rine gr bb, carb bit a cour	Dakota	7840		
	Point Lookout	55941	6092'	Med-light gry, very fine gr ss w/frequent	Dakota	7040	/	
	POTITE EGOROGE	3364	6092	sh breaks in lower part of formation			/	
				sh breaks in lower part of formation			/	
	Mancos	6092'	6960'	Dark gry carb sh.				
	Gallup	6960'	7676'	Lt gry to brn calc carb micac glauc			ą.	
				silts & very fine gr gry ss w/irreg.interbed sh			* *	
						• • •	ė,	
	Greenhorn	76761	7723'	Highly calc gry sh w/thin lmst.				
				•			*	
	Graneros	7723'	7840'	Dk gry shale, fossil & carb w/pyrite incl.			*	
	Dakota	7840'	7979'	Lt to dk gry foss carb sl calc sl silty			¥ 2.	
			-	ss w/pyrite incl thin sh bands clay & shale breaks	3		; ;	

<sup>\*</sup> Huerfanito Bentonite is the legal top of Mesaverde in New Mexico (North of Chacra line)