Form 3160-4 (October 1990)

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

SUBMIT IN DUPLICATE\* .See other in-

FOR APPROVED OMB NO. 1004-0137

Expires: December 31, 1991 5. LEASE DESIGNATION AND SERIAL NO

			BUNEA	O OF EAR	DINANAGEMEN	•	114	<b>i</b> :		SF-078507	- · · · · · · · · · · · · · · · · · · ·	
WELL C	OMPL	ETION OF	REC	OMPLE	TION REP			Q*: 11: 5	B. IF	INDIAN, ALLOTT	EE OR TRIBE NAME	
1a. TYPE OF	WELL:	Oli WE	LL W	VELL X	DRY Other	<u> 99 ku:</u>			L_			
b. TYPE OF	COMPLETI	ON <sup>,</sup>	_	_	_		. energe	earrai 1	\7 Ui	NIT AGREEMENT		
= 01	NEW 🔽	WORK DE	EP- P	LUG 🗍	DIFF. Other	070 F	4, 4, 44	haron, t	8. FA	San Juan 32-		
	WELL [	OVER EN	L. B	ACK	RESVROther			and the second second		San Juan 32-	0 t Init #QA	
2. NAME OF	OPERATO	R	· · · · ·	<del></del>		F7 6	160	W E	9. AF	WELL NO.	9 01111 #37	
		RESOURCES	OIL & GA	AS COMPA	NY	1117	545		200.5	30-045-29736		
3. ADDRESS		EPHONE NO. , Farmington, N	NA 87400	/505	326-9700	ini "		8 1999 <sup>11</sup>	)0. F	Blanco Mesav		
					ice with any State re	bullements 10	<del>-</del>	D 1930	11. S		R BLOCK AND SURVEY	
At surface	167	'0'FNL, 920'FW	L			_	·~r	illa rv	17.	OR AREA		
At top proc	d. interval re	ported below						No Da	סש	Sec.25, T-32-	N, R-10-W	
********	- 41-						DUS	J. 3				
At total de	ptn					'			İ			
				14.	PERMIT NO.	DATE ISSUE	D	***		OUNTY OR	13. STATE	
					,	a comment	•			PARISH	New Mexico	
5. DATE SPUI	DDED 16.	DATE T.D. REAC	HED 1	7. DATE CO	MPL. (Ready to prod.	}	18. EL	EVATIONS (DF, F	RKB, RT.	San Juan BR, ETC.)*	19. ELEV. CASINGHEAD	
6-17-99		6-25-99			-22-99			66 <b>67</b> 'GL / 667				
0. TOTAL DEF	PTH, MD &T\	/D  21. PLU	G, BACK T.	D., MD &TVD	22. IF MULTIPLE C			RILLED BY	ROTAR	Y TOOLS	CABLE TOOLS	
6210'			6200'						1	0-6210'	1	
4. PRODUCTI	ON INTERV	AL (S) OF THIS CO	MPLETION-	TOP, BOTTO	M, NAME (MD AND T	NAME (MD AND TVD)*				25. WAS DIRECT		
	2' Mesave									no		
		THER LOGS RUN P/GR/CBL/CCL							27. WA	S WELL CORED		
8.					CASING RECORD	(Report all string	s set in	well)	1			
CASING SIZE	/GRADE	WEIGHT, LB./FT		H SET (MD)	HOLE SIZE		MENT, C	EMENTING REC	ORD	AA	OUNT PULLED	
9 5/8		32.3#	472*		12 1/4"		437 cu ft 1124 cu ft					
7		20-23#		3731'	8 3/4"		1124	cu it				
<del></del>											·	
9.	TOD (140)		RECORD	S CEMENT	L SCREEN (MD)	30. SIZE		DERTHOLT		BING RECORD		
4 1/2	TOP (MD)	6203'		3 cu ft	SCREEN (MD)	2-3/8"		6090'	(MD)	PA	CKER SET (MD)	
		D (Interval, size ar 297, 4306, 4435,		4443 4446	32.		D, SHO	T, FRACTURE				
		373, 4674, 4680,	•						200,000# 20/40 Brady snd, 1,031,000 SCF N2			
75, 4786, 47	87, 4806, 48	307, 4811, 48 <b>25</b> ,	4827, 4844	, 4846, 4871								
		)76, 5078, 5182, 159, 5497, 5499,			5076-5757' 2456			456 bbl slk wtr, 100,000# 20/40 Brady snd				
					5808-6102' 24			2467 bbl slk wtr, 100,000# 20/40 Brady snd				
543, 5648, 5660, 5705, 5718, 5721, 5732, 5737, 5743, 5752, 5757, 308, 5810, 5814, 5819, 5828, 5833, 5838, 5839, 5843, 5847, 5849,												
355, 5867, 58 347, 6060, 610		398, 5912, 5913,	5938, 5987	, 5995, 6035	i					<del></del>		
3.						RODUCTION	1					
ATE FIRST PR	ODUCTION	PRO	DUCTION	ETHOD (Flow	ving, gas lift, pumping- Flowing	-size and type of p	ump)				Producing or shut-in)	
ATE OF TEST		HOURS TESTED	CHOKE	SIZE PR	Flowing OD'N FOR OIL	BBL BBL	GAS-	MCF	WATE	SI R-BBL	GAS-OIL RATIO	
				TE	ST PERIOD		2085 Pitot gauge		1			
10-22-99 OW. TUBING		CASING PRESSU	RE CALCUI	LATED (	OIL-8BL	GAS-MCF	12000	WATER-BI	J BL		OIL GRAVITY-API (CORR.)	
SI 551		SI 559	24-HOU	IR RATE								
	ON OF GAS	(Sold, used for fuel	, vented, etc.	.}		!				TEST WITNESS	L D BY	
		To be sold										
35. LIST OF AT	TACHMENT							·				
36 Thereby ce	ryfy that the f	None oregoing and attac	ned informati	on is complete	e and correct as deter	mined from all ava	ilable rec	ords				
	1	10		•								
GNED	acin	Cale		TITLE	Regulatory Adm	ninistrator			DATE	11-2-99	CEPTED FOR RE	
	, <del>, , , , , , , , , , , , , , , , , , </del>	*	See Inst	tructions	and Spaces fo	or Additiona	Data	on Reverse	Side		VLI ILD I J.	
			(							,		

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.

NOV 0 5 1999.



	MOTTON TOP BOTTON	37. SIJMMARY OF POROUS ZONES: (Show all being different tests, including depth interval test recoveries):
	DESCRIPTION, CONTINUES, ETC.	37. SIJMMARY OF POROUS ZONES: (Show all beportant somes 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 38.
MEAS, DEPTH VERT, DEPTH	ANA	GEOLOGIC MARKERS

Henefee Point Lookout	chacra cliff House	Hum famito Bentonite* 4214' 4655'	t/wis	Pictured Cliffs	Fruitland	Ojo Alamo Firtland
5463' <b>5811'</b>	4655'	4214'	3631'	3504'	2718'	1882' 2030'
5463' 5811' 5811' 6210'	4655' 5065' 5065' 5463'	4655'	3631' 4214'	3504' 3631'	2718' 3504'	1882' 2030' 2030' 2718'
Med-dark gry, fine gr ss, carb sh & coal med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Gry fn grn silty, glauconitic sd stone w/drk gry shale ss. Gry, fine-grn, dense sil ss.	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 ss.  Gry sh interbedded w/tight, gry, fine-gr ss.
	Point Lookout	Menefee	Cliffhouse	Lewis Huerfanito Bent	Fruitland Pictured Cliffs	Ojo Alamo Kirtland
	5811	54631	5065'	3631' 4214' 4655'	2718' 3504'	1882'

· Huerfanito Bentonite is the legal top of Mesaverde in New Mexico (north of Chacra line).