Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side) FOR APPROVED OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

ELL C						·	1 1	M2F-01902		
CLL L'	OMPLE	TION OR F	ECOMPL	ETION REP	ORT AND	LOG*	6. IF IN	DIAN, ALLOTTE	E OR TRIBE NAME	
TYPE OF		OIL	GAS 🗸	DRY Other			1			
		METT [WELL	5 L				AGREEMENT	-	
TYPE OF	COMPLETIC							San Juan 28		
	NEW X	WORK DEFP- OVER: EN	PLUG BACK	DIFF. RESVROther		A COMPANY OF THE PARTY OF THE P	8. FAR	M OR LEASE N	AME, WELL NO.	
		·							-6 Unit #147N	
	OPERATO					4	.1	WELL NO.		
		RESOURCES C	IL & GAS COM	IPANY		UN 2000		30-039-2625 LD AND POOL		
		PHONE NO.	D7400 (E0E	:\ 226.0700	A Par	ON 2002	Α.	Blanco MV/E		
PO	N OF WELL	Farmington, NM	arv and in accor	5) 326-9700 dance with any State	requirements		13		R BLOCK AND SURVEY	
At surface	•	1265'FSL, 2270'	FÉL	•	16		4.1	R AREA		
						'सर, ≨	1			
At top pro	xd. interval re	ported below								
At total de	eoth			DHC-655az				Sec. 29, T-2	8-N, R-6-W	
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			[14. PERMIT NO.	DATÉ ISSUE	D	1	XUNTY OR	13. STATE	
			ļ					arish Rio Arriba	New Mexico	
DATE SPU	IDDED 116	DATE T.D. REACHED	17. DATE C	OMPL. (Ready to prod.)	18. ELEVATIONS (DF, F			19. ELEV. CASINGHEAD	
3-19-02		3-28-02		5-28-02		6247' GR, 6			1	
	PTH, MD &TVE		ACK T.D., MD &TVD		•	23. INTERVALS	ROTARY	TOOLS	CABLE TOOLS	
		1		HOW	MANY*	DRILLED BY	0-748	5'	1	
7485'	ION INTERVAL	7483		A, NAME (MD AND TVD)		<u> </u>		25. WAS DIRE	CTIONAL	
FRUDUCI	IOI4 II41 EKAMI	L (O) OF THIS COMPLE					İ	SURVEY N		
	555' Mesave		mingled w/Dak	ota			107 14/45	WELL CORED	· · · · · · · · · · · · · · · · · · ·	
CBL-CC		THER LOGS RUN						No	•	
	/L-O11			CASING RECORE	(Report all string	s set in well)				
CASING SIZ	E/GRADE T	WEIGHT, LB./FT.	DEPTH SET (M			MENT, CEMENTING REC	ORD	i	AMOUNT PULLED	
9 5/8"		32.3#	228'	12 1/4"						
7"		20#	3256'	8 3/4"	1110 cu.ft.					
					 					
		LINER R	ECORD.	!	30.		TI	BING RECO	RD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMEN	IT* SCREEN (MD)	SIZE	DEPTH SE			PACKER SET (MD)	
4 1/2"	1995'	7483'	624 cu.ft		2 3/8"	7310'				
	1					(SN @ 730				
		D (Interval, size and num		32.		ID, SHOT, FRACTUR				
3, 3641, 3	3644, 3680, 3	689, 3692, 3788, 37	794, 3806, 3859,	3919 DEPTH IN	TERVAL (MD)	712 bbl 20 # linea		D KIND OF MA		
3, 3965, 3	3967, 3973, 3	3991, 3993, 3999, 40)45, 4047, 4070, .	41193633-4405'		2290 bbl slk wtr,				
1, 4134, 4	139, 4147, 4 1325, 4349, 4	1149, 4180, 4211, 42 1382, 4405, 4572, 4	413, 4232, 4235, 590 4645 4663	4670 5095-5555'		2317 bbl sik wtr,				
2 4244 4	,525, 4340, 4 171 <i>0</i> , 4735, <i>1</i>	1730 4750 4775 4	785, 4797, 4887.	4891 Perforations	cont'd on back				·	
2, 4314, 4 8, 4683, 4					PRODUCTION			IWEIT STATIT	S (Producing or shul-in)	
8, 4683, 4				laurian ann la	size and has of	10)		177LLL 01/10	C to control or allutate)	
8, 4683, 4	RODUCTION		CTION METHOD (F	lowing, gas lift pumping-	-size and type of pun	OP)		1		
78, 4683, 4 i. TE FIRST PF	RODUCTION	PRODU	CTION METHOD (FI	owing	-size and type of pun BBL	GAS-MCF	WAT	SI ERBBL	GAS-OIL RATIO	
8, 4683, 4 E FIRST PF	RODUCTION		CTION METHOD (FIG FIG CHOKE SIZE	owing		GAS-MCF	1	SI ERBBL	GAS-OIL RATIO	
8, 4683, 4 E FIRST PF E OF TEST 5-26-02	RODUCTION	PRODU HOURS TESTED	CTION METHOD (FIGURE SIZE 2"	DWING PROD'N FOR OIL TEST PERIOD	B8L	GAS-MCF 1543 MCF/D Pito	t Gauge	SI ERBBL		
8, 4683, 4 E FIRST PF E OF TEST 5-26-02	RODUCTION	PRODU HOURS TESTED	CTION METHOD (FIGURE SIZE 2" CALCULATED	DWING PROD'N FOR OIL		GAS-MCF	t Gauge	SI ERBBL		
8, 4683, 4 E FIRST PF E OF TEST 5-26-02 W. TUBING	RODUCTION 2 3 PRESS.	HOURS TESTED 1 CASING PRESSURE SI 831	CTION METHOD (F) Flo CHOKE SIZE 2" CALCULATED 24-HOUR RATE	DWING PROD'N FOR OIL TEST PERIOD	B8L	GAS-MCF 1543 MCF/D Pito WATER-	t Gauge	SI ERBBL	OIL GRAVITY-API (CORR.)	
8, 4683, 4 E FIRST PF E OF TEST 5-26-02 W. TUBING	RODUCTION 2 3 PRESS.	PRODU HOURS TESTED 1 CASING PRESSURE	CTION METHOD (F) Flo CHOKE SIZE 2" CALCULATED 24-HOUR RATE	DWING PROD'N FOR OIL TEST PERIOD	-BBL GAS-MCF	GAS-MCF 1543 MCF/D Pito WATER-	t Gauge	SI ERBBL	OIL GRAVITY-API (CORR.)	
8, 4683, 4 E FIRST PF E OF TEST 5-26-02 W. TUBING SI 865	2 S PRESS.	HOURS TESTED 1 CASING PRESSURE SI 831 Sold, used for fuel, veni To be sold	CTION METHOD (F) Flo CHOKE SIZE 2" CALCULATED 24-HOUR RATE	DWING PROD'N FOR OIL TEST PERIOD	-BBL GAS-MCF	GAS-MCF 1543 MCF/D Pito WATER-	t Gauge	SI ERBBL	OIL GRAVITY-API (CORR.)	
8, 4683, 4 E FIRST PF E OF TEST 5-26-02 W. TUBING SI 865	RODUCTION 2 3 PRESS.	PRODU 1 CASING PRESSURE SI 831 Sold, used for fuel, veni To be sold	CTION METHOD (F) Flo CHOKE SIZE 2" CALCULATED 24-HOUR RATE	DWING PROD'N FOR OIL TEST PERIOD	-BBL GAS-MCF	GAS-MCF 1543 MCF/D Pito WATER-	t Gauge	SI ERBBL	OIL GRAVITY-API (CORR.)	
18, 4683, 4 TE FIRST PF 5-26-02 TUBING SI 865 TUBING SI 865 TUBING SI LIST OF /	2 E PRESS. TION OF GAS (PRODU 1 CASING PRESSURE SI 831 Sold, used for fuel, veni To be sold S None	CTION METHOD (F) CHOKE SIZE 2" CALCULATED 24-HOUR RATE ed, etc.)	Owing PROD'N FOR OIL TEST PERIOD OIL-BBL	GAS-MCF/L	GAS-MCF 1543 MCF/D Pitc WATER-	t Gauge	SI ER-BBL	OIL GRAVITY-API (CORR.)	
78, 4683, 4 3. TE FIRST PF TE OF TEST 5-26-02 DW. TUBING SI 865 4. DISPOSIT	2 E PRESS. TION OF GAS (PRODU 1 CASING PRESSURE SI 831 Sold, used for fuel, veni To be sold S None	CTION METHOD (F) CHOKE SIZE 2" CALCULATED 24-HOUR RATE ed, etc.)	DWING PROD'N FOR OIL TEST PERIOD	GAS-MCF/L	GAS-MCF 1543 MCF/D Pitc WATER-	t Gauge	SI ER-BBL	OIL GRAVITY-API (CORR.) SSED BY	
(8, 4683, 4). TE FIRST PF TE OF TEST 5-26-02 W. TUBING SI 865 4. DISPOSII 5. LIST OF /	2 E PRESS. TION OF GAS (PRODU 1 CASING PRESSURE SI 831 Sold, used for fuel, veni To be sold S None	CTION METHOD (F) Flo CHOKE SIZE 2" CALCULATED 24-HOUR RATE ed, etc.)	PROD'N FOR: OIL TEST PERIOD OIL—BBL te and correct as determ	GAS-MCF/D	GAS-MCF 1543 MCF/D Pitc WATER-	t Gauge BBL	SI ER-BBL	OIL GRAVITY-API (CORR.) SSED BY	
18, 4683, 4 TE FIRST PF 5-26-02 TUBING SI 865 TUBING SI 865 TUBING SI LIST OF /	2 E PRESS. TION OF GAS (HOURS TESTED 1 CASING PRESSURE SI 831 Sold, used for fuel, veni To be sold S None oregoing and attachedin	CTION METHOD (F) CHOKE SIZE 2" CALCULATED 24-HOUR RATE ed, etc.)	PROD'N FOR: OIL TEST PERIOD OIL-BBL te and correct as determined.	GAS-MCF/L 1543 MCF/L ined from all available	GAS-MCF 1543 MCF/D Pito WATER-	ot Gauge BBL	SI ER-BBL TEST WITNE ACI 5-29-02	OIL GRAVITY-API (CORR.) SSED BY CEPTED FOR RECC	
8, 4683, 4 E FIRST PF E OF TEST 5-26-02 W. TUBING SI 865 I. DISPOSITI	2 E PRESS. TION OF GAS (ATTACHMENT)	PRODU HOURS TESTED 1 CASING PRESSURE SI 831 Sold, üsed for fuel, veni To be sold None oregoing and attachedir	CTION METHOD (F) CHOKE SIZE 2" CALCULATED 24-HOUR RATE ed, etc.)	PROD'N FOR OIL TEST PERIOD OIL-BBL te and correct as determine The Regulatory Sons and Spaces	GAS-MCF/L 1543 MCF/L ined from all available	GAS-MCF 1543 MCF/D Pito WATER- Perecords al Data on Reve	DATE	SI ER-BBL TEST WITNE ACI 5-29-02	OIL GRAVITY-API (CORR.) SSED BY CEPTED FOR RECC MAY 3 1 2002	
E FIRST PF E OF TEST 5-26-02 W. TUBING SI 865 DISPOSITION LIST OF /	2 E PRESS. TION OF GAS (ATTACHMENT) Secretly that the fi	PRODU HOURS TESTED 1 CASING PRESSURE SI 831 Sold, used for fuel, veni To be sold S None oregoing and attacheding *(S) 1 1001, makes it as	CHOKE SIZE 2" CALCULATED 24-HOUR RATE ed, etc.) Information is comple	PROD'N FOR OIL TEST PERIOD OIL—BBL OIL—BBL TE And Correct as determined to the second secon	GAS-MCF/E 1543 MCF/E ined from all available Supervisor for Addition and willfully to m	GAS-MCF 1543 MCF/D Pito WATER-	DATE DATE DATE	SI ER-BBL TEST WITNE 5-29-02	OIL GRAVITY-API (CORR.) SSED BY CEPTED FOR RECC MAY 3 1 2002	

37. SUMMARY OF PORC	OUS ZONES: (Si	how all important terval tested, cu	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	38. GEOL	GEOLOGIC MARKERS	
recoveries):			DESCRIPTION, CONTENTS, ETC.		TOP	
FORMATION	TOP	MOLLOR	L BOURT . F. T. S.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2210'	2210' 2346'	White, cr-gr ss.			
Kirtland	2346'	2346' 2610'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	2610'	2610' 3020'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo Kirtland	2210' 2346'	
Pictured Cliffs	30201	30204 3122'	Bn-Gry, fine grn, tight ss.	Fruitland Pictured Cliffs	2610' Es 3020'	

Dakota	Graneros	Greenhorn	Gallup	Mancos	Point Lookout	Menefee	Cliff House	Chacra	Huerfanito Bentonite* 3574'	Lewis	Pictured Cliffs	Fruitland	Kirtland
7382'	7226'	7163'	6430'	56951	5178'	4804'	4562	3960'	e* 35741	3122'	30204	2610'	2346'
7485'	7382'	7226'	7163′	6430'	5695'	5178'	4804'	4562'	3960'	3574'	3122'	30201	2610'
Lt to dk gry foss carb sl calc sl silty 5270, 5308, 5312, 5430, ss w/pyrite incl thin sh bands clay & shale breaks 5474, 5515, 5517, 5555,	Dk gry shale, fossil & carb w/pyrite incl.	Highly calc gry sh w/thin lmst.	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.	Gry fn grn silty, glauconitic sd stone w/drk gry shale	White, waxy chalky bentonite	Shale w/siltstone stringers	Bn-Gry, fine grn, tight ss.	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Gry sh interbedded w/tight, gry, fine-gr ss.
5270, 5308, 5312, ks 5474, 5515, 5517,	5163, 5167, 5193, 5216, 5218, 5233,	4991, 5125,	Perforations continued: 4905, 4911, 4925, 4931,		Graneros Dakota	Gallup Greenhorn	Mancos	Cliff House Menefee	Chacra	Lewis Huerfanito Bent.	Fruitland Pictured Cliffs	Ojo Alamo Kirtland	
5430, 5445, 5555'	5196, 5211, 5247, 5261,				7226' 7382'	6430' 7163'	5695'	4804	3600	3122'	2610' 3020'	2210' 2346'	

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