									,			
							SUE	SMIT IN D	UPLICATE*		FOR APP	PROVED
Form 3160-4				UNITED ST	ATES						OMB NO.	1004-0137
October 1990)				TMENT OF T	HF INTE	RIO	R				Expires: Dece	
									Γ			AND SERIAL NO.
				EAU OF LAND M		- 1	RECEIV:				F-080430	OR TRIDE NAME
			AU UL	CUMPLET	ION RE	PO	RT AND	LOG'	١ ١	6. IF INDL	AN, ALLO I ILE	OR TRIBE NAME
MELL CC	MPLE	ION	OK KE	CONTINUE	1 1				$\overline{}$			_
1a. TYPE OF W	ELL:		WELL	WELL X DF	SA Copper	7 #	JH 20 PM	-4 : 2	.U	7. UNIT A	GREEMENT NA	ME
)	100	J,, C -		Ì		n Juan 28-6	
b. TYPE OF CO			DEEP-	PLUG DI	FF.			ani h	M	8. FARM	OR LEASE NAM	ME, WELL NO.
		VER	EN	BACK R	ESVR L)70 -	Firm Will	ا والمنت	113	Sa	ın Juan 28-6	U #165M
										9. APIW	ELL NO.	
2. NAME OF C	PERATOR			A CAS COMPAN	v						-039-25624	
BUR	LINGTON F	RESOUR	RCES OIL	& GAS COMPAN	<u> </u>						D AND POOL, C	
3. ADDRESS	AND TELEPH	IONE NO	i. Ioo NM 87	ر (505) (م	326-9700					В	anco MV/Ba	SIN DK BLOCK AND SURVEY
PO E	3OX 4289, I	arming	OTI, INIVI O	and in accordance w	ith any State	requir	ements)*			l		BLOCK WAD SOLAE!
4. LOCATION At surface	OF WELL (K	ероп юс	suon deally							UR	AREA	
At sulless		1645'FS	L, 990'FEI	-						1		
At top prod	interval repo	rted belov	~							l _		N D 0 W
					DHC-	-1470	1			I	ec. 30, T-28	-M, K-D-44
At total dep	th			_						12 CO	JNTY OR	13. STATE
				14. F	PERMIT NO.	1	DATE ISSUED				RISH	
				ļ		- 1					Rio Arriba	New Mexico
			DEACHED	17. DATE COMP	L. (Ready to p	2/Od.)			ATIONS (DF, I		R, ETC.)*	19. ELEV. CASINGHEAD
15. DATE SPUE	DDED 16.	4-15-97	REACHED	5-22-97					551 GR, 66		-0010	CABLE TOOLS
4-9-97 20. TOTAL DEF	THE NO STYLE		1 PLUG. BA	CK T.D., MD &TVD	22. IF MULTIP			23. INTER	RVALS LED BY	ROTARY	TOOLS	CABLE 100LD
20. TOTAL DEF	TH, MD at 40				Н Н	OW MA		DRIC	LED O.	1 (-7860	
7860					LANG (MD ANI		<u>2</u>			- 1	5. WAS DIREC	
24. PRODUCT	ON INTERVAL	(S) OF Th	HIS COMPLE	TION-TOP, BOTTOM, I							SURVEY M	ADE
7676 70	48 Dakota			Сог	nmingled w	/Mesa	averde			127 10/45	WELL CORED	
26. TYPE ELEC	CTRIC AND OT	HER LOG	S RUN								No	_
CNL, CE	L-CCL-GR						O all strings	eat in w	eii)	•		
28.					HOLE SI		Report all strings	ENT CE	MENTING RE	CORD	A	MOUNT PULLED
CASING SIZ	E/GRADE	WEIGHT	, LB./FT.	DEPTH SET (MD)	12 1		219 cu.ft.				0 5	
9 5/8		32.3#		3601	8 3/	14	9 46 cu.ft.					Simu o mana
7		20#									NUL BU	
							1			TI	BING RECOR	
-29	'		LINER RE				30.		DEPTH SI		Orig F	ACKER SET (MD)
SIZE	TOP (MD)	вот	TOM (MD)	SACKS CEMENT [®]	SCREEN	(MD)	SIZE		OEI TITO	· · · · · · · · · · · · · · · · · · ·		GUING WHVG
				212 #	 		2 3/8		7784			6.300g 4 0
4 1/2	2225		7859	646 cu.ft.	32.		AC	ID, SHO	T, FRACTU	RE, CEME	NT SQUEEZE	Etc: Dao D
31 PERFOR	ATION RECOR	D (Interva	, size and nui 711 7763	7769, 7788,		TH INT	ERVAL (MD)	1	Α	MOUNT AN	D KIND OF MAI	ERIAL USED
7676, 7	681, 7688,	7827 7	831 7838.	7844, 7848	7676-784	8		82,00	0# 20/40 s	1, 940 bb	1 30# x-link g	ei
7796, 7	804, 7022,	1021, 1	001, 1000									
								+				
						- 0	RODUCTION	ــــــــــــــــــــــــــــــــــــــ				
33.			I DOOD!	CTION METHOD (Flow	ving, gas lift, ρυ			ump)			i	S (Producing or shut-in)
DATE FIRST F			FRODU	Flowing	'				1.00	· · · · · ·	SI ER-88L	GAS-OIL RATIO
5-22-9 DATE OF TES		HOURS	TESTED	CHOKE SIZE PE	ROD'N FOR	OIL-	-BBL	GAS-	MCF	WA I	EK-ODL	
DATE OF 1E3	•			TE TE	ST PERIOD	1		1103	Pitot Gaug	je	_	

1103 Pitot Gauge OIL GRAVITY-API (CORR.) 5-22-97 CALCULATED FLOW. TUBING PRESS 24-HOUR RATE SI 1120 TEST WITNESSED BY SI 1120 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold 35. LIST OF ATTACHMENTS None

Wheeld TITLE Regulatory Administrator *(See Instructions and Spaces for Additional Data on Reverse Side)

DATE 6/18/97

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 JUN 2.3 1997 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROL dill-stem, tests, incl. recoveries):	US ZONES: uding depth	(Show all important interval tested, cu	SUNNARY OF POROUS ZONES: (Shew 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):	34. GEOL	GEOLOGIC MARKERS
FORMATION	TOP	MOLLOR	DESCRIPTION, CONTENTS, ETC.	**	TOP
				NAMA	MEAS. DEPTH VERT. DEPTH
Ojo Alamo	2516'	2583'	White, cr-gr ss.		
Kirtland	2583'	3042'	Gry sh interbedded w/tight, gry, fine-gr ss.		
Fruitland	3042'	3396'	Dk gry-gry carb sh, coal, grn silts, light- med gry, tight, fine gr ss.	Ojo Alamo	2516'
Pictured Cliffs	3396'	3540'	~	Fruitland	3042'
			rine gin,	Pic.Cliffs	3396'
Lewis	3540′	4153′	Shale w/siltstone stringers	Lewis Huerfanito Bent.	3540' . 4153'
Huerfanito Bentonite+	te* 4153'	4341'	White, waxy chalky bentonite	Chacra	4341'
Chacra	4341'	4940'		Cliff House	4940'
Cliff House	4940'	5135'	ss. Gry, fine-grn, dense sil ss.	Menefee	51351
				Pt.Lookout	5575 '
Menefee	5135'	5575'	Med-dark gry, fine gr ss, carb sh & coal	Mancos Gallup	5940' 6875'
Point Lookout	5575'	5940'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Greenhorn Graneros	7515' 7670'
Mancos	5940'	6875'	Dark gry carb sh.	Dakota	7758'
Gallup	6875'	7515'	Lt gry to brn calc carb micac glauc silts & very fine gr gry as w/irreg.interbed sh		
Greenhorn	7515'	7670'	Highly calc gry sh w/thin lmst.		
Graneros	7670'	7758'	Dk gry shale, fossil & carb w/pyrite incl.		er ; may
Dakota	7758'	7860'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Ga .	æer æ∕ by. s

 $z_{\mu}=\sqrt{2}$

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

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE^a

See other instructions on reverse side)

FOR APPROVED OMB NO. 1004-0137

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

SF-080430

VELL CO	OMPLE	TION OR R	ECOMPLET	ION REF	ORT AND	LOC	6. IF	NDIAN, ALLOTTE	E OR TRIBE NAME
1a. TYPE OF V		OIL	I GAS IVI	RY Other			*,		
		MELT [· -	7. UN	IT AGREEMENT	
b. TYPE OF C	COMPLETION	N:						San Juan 28-	
		WORK DEEP.		ESVR Other			8. FA	RM OR LEASE NA	AMIE, YYELL NO.
	WELL	OVER EN] BACK [- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				San Juan 28-	6 U #165M
2. NAME OF	OPERATOR						9. AF	PI WELL NO.	
BUF	RLINGTON	RESOURCES OIL	& GAS COMPAN	IY				30-039-2562	
3. ADDRESS							10. F	IELD AND POOL.	
PO	BOX 4289	Farmington, NM 8	7499 (5 05) 3	326-9700				Blanco MV/B	R BLOCK AND SURVEY
4. LOCATION	OF WELL (Report location clearly	and in accordance v	vith any State re-	quirements)*		ı	DR AREA	C BLOCK AIRD SUITE
At surface								UK AKEA	
		1645'FSL, 990'FE	L				1		
At top proc	i. interval rep	orted below							
At total day	oth			DHC-14	\$ 70		II	Sec. 30, T-2	8-N, R-6-W
At total de	ptii								
			14. F	PERMIT NO.	DATE ISSUE)	12.	COUNTY OR	13. STATE
					ŀ		1	PARISH Dio Arriba	New Mexico
						10 515	VATIONS (DF, RKB, RT	Rio Arriba	19. ELEV. CASINGHEAD
15. DATE SPU	DDED 16.	DATE T.D. REACHED	i	PL. (Ready to prod	r.)		651 GR, 6663 KB		
4-9-97		4-15-97	5-22-97	22. IF MULTIPLE	COMPI	23. INTE		RY TOOLS	CABLE TOOLS
20. TOTAL DE	PTH, MD &TV	D 21. PLUG. BA	CK T.D., MD &TVD		MANY*		LLED BY		
7000					2		_	0-7860	
7860	ION INTERVA	L (S) OF THIS COMPLE	TION-TOP, BOTTOM,	NAME (MD AND T				25. WAS DIRE	
∠4. PRUDUCI	ION IN I ERVA	2 (0) 0						SURVEY N	IAUE
	38 Mesave			Commingled	w/Dakota		127 14	AS WELL CORED	
26. TYPE ELE	CTRIC AND O	THER LOGS RUN					21.4	No	
CNL, CE	BL-CCL-GR	<u></u>			D / Danam att att a	n not i= :	l		- where he are his formal family
28.					D (Report all string		EMENTING RECORD	TE E	AMOUNT PULLED
CASING SIZ	E/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE 12 1/4	219 cu.ft.	HEITT. OF	- INCINION COOK		UEU V COM
9 5/8		32.3#	226 3601	8 3/4	946 cu.ft.	_		1 Int	1 0 5 1007
7		20#	3001	0.0/7				100 101	1 2 5 1337
				 					
20		LINER RE	CORD	<u> </u>	30.			TUBING REPOR	MAN DIM
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD) SIZE		DEPTH SET (MD)	<u> याए</u>	NEKER SET (MD)
SIZE	TOP (WD)	301101111111111111111111111111111111111	<u> </u>						
4 1/2	2225	7859	646 cu.ft.		2 3/8		7784		570
31 PERFORA	ATION RECOF	RD (interval, size and nui	mber)	32.		CID, SHO	OT, FRACTURE, CEN		
4948, 4964,	4991, 5029	9, 5044, 5059, 506	6, 5075, 5091,		NTERVAL (MD)	105.00		AND KIND OF MA	IERIAL USED
5096, 5105.	5114, 513	4, 5144, 5153, 516	6, 5183, 5264.	4948-5390		95,00	0# 20/40 sd. 1851	אונ זווע Wti	
5317 5323.	5331, 534	1, 53 44 , 5366, 537	2, 5390, 5510,	EE10 5020		2285	bbl slk wtr. 105.00	0# 20/40 sd	
5514, 5546.	5561, 558	2, 5594, 5611, 562	7, 5635, 5645,	5510-5938 Perfs Contin	ued on back	2203	201 3IK #U, 103,00		
	5678, 568	7, 5694, 5722, 573	8, 5/8/, 5/96,	Frens Contin	PRODUCTION				
DATE FIRST P	BODITON	PRODU	CTION METHOD (Flow)	ng, gas lift, pumpil		итр)		WELL STATU	S (Producing or shut-in)
5-22-97		,555	Flowing					SI	- 12/2 2/2 2/2 2/2
DATE OF TEST		HOURS TESTED	CHOKE SIZE PRO		L-BBL	GAS-	MCF W	ATER-BBL	GAS-OIL RATIO
]	TES	ST PERIOD		1630	Pitot Gauge		
5-22-97		DESCRIPTION OF THE PROPERTY OF	CALCULATED	DIL-BBL	GAS-MCF		WATERBBL	L	OIL GRAVITY-API (CORR.)
FLOW. TUBING	3 PRESS.	CASING PRESSURE	24-HOUR RATE	/IL-00L	1				
SI 1120	n	SI 1120					<u> </u>	17505	CEED BY
34. DISPOSI	TION OF GAS	(Sold, used for fuel, ven	ted. etc.)					TEST WITHE	ספרת מו
		To be sold							
35. LIST OF	ATTACHMEN	rs			-				
		Mone				able roca	rde		
36 Lhereby	certify that the	foregoing and attached	nformation is complete	and correct as det	ermined from all avail	anie teco	:u3		
	K	()	- 1					6/49/07	
SIGNED /	189/11	MAAR	uld TITLE	Regulatory	Administrator		DA	TE 6/18/97	LOR RECORD
	markens		on Instructions	and Space	s for Addition	al Dat	a on Reverse S		
(~(3	ee marricuons	and Space			any department of	anency of the	•

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.

 SUMMARY OF POROUS ZONES: (Show all important sones of pordult'-stem, tests, including depth interval tested, cushion used, recoveries): 	JUS ZONES: (S	Show all important nterval tested, cu	SUMMARY OF POROUS ZONES: (Shew all important mones of porosity and contents thereof; cored intervals; and all dril'-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	34. GEOL	GEOLOGIC MARKERS	
FORMATION	TOP	MOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP	
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alam o	2516	2583	White, cr-gr ss.			
Kirtland	2583'	3042'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	3042'	3396'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo Kirtland	2516' 2583'	
Pictured Cliffs	33961	3540'	Bn Gry, fine grn, tight ss.	Fruitland Pic.Cliffs	3042' 3396'	
Lewis	3540′	4153′	Shale w/siltstone stringers	Lewis Huerfanito Bent.	3540' 1t. 4153'	
Huerfani to Ben ton	Bentonite* 4153'	4341'	White, waxy chalky bentonite	Chacra	4341'	
Chacra	4341'	4940'	Gry fn grn silty, glauconitic sd stone	Cliff House	4940'	
Cliff House	4940'	5135'	ss. Gry, fine-grn, dense mil sm.	Menefee Pt.Lookout	5135' 5575'	
Menefee	5135'	5575†	Med-dark gry, fine gr ss, carb sh & coal	Mancos Gallup	5940' 6875'	
Point Lookout	5575'	5940'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Graneros	7670'	
Mancos	5940'	6875'	Dark gry carb sh.	Dakota	7758'	
Gallup	6875'	7515'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Perforations Continued:	ontinued:	
Greenhorn	7515'	7670'	Highly calc gry sh w/thin lmst.	5808, 5820, 5899, 5938	99, 5938	. '
Glaneros	7670'	7758'	Dk gry shale, fossil & carb w/pyrite incl.			

Dakota

7758' 7860'

ss w/pyrite incl thin sh bands clay & shale breaks

Lt to dk gry foss carb sl calc sl silty

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