Form 3160-4 (October 1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE See other in-STUCTORS OF

FOR APPROVED OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

ELL COMPLE			NANAGEMENT			SF-078200-	В
	TION OR R	ECOMPLET	ION REPO	RT AND	LOG*	6. IF INDIAN, ALLOT	TEE OR TRIBE NAME
TYPE OF WELL:	OIL	L GAS IVI		.5. 23 P.	2: 17		
			<u> </u>		<del>_</del>	7. UNIT AGREEMEN	IT NAME
TYPE OF COMPLETION	ON: WORK DEEP-	PLUG [ ]	oiff. 🗖 📆 🗓			8. FARM OR LEASE	NAME, WELL NO.
WEIT X	OVER EN	BACK F	RESVROther		<del></del>	Riddle B #2	2B
NAME OF OPERATOR						9. API WELL NO.	
BURLINGTO	RESOURCES OI	L & GAS COMPA	NY	70077	20	30-045-298	
ADDRESS AND TELE	PHONE NO.			35/25/2011	CB 2937	10. FIELD AND POO	
PO BOX 4289	, Farmington, NM	87499 (505)	326-9700 🦽	irements)*			OR BLOCK AND SURVEY
At surface 660	(Report location Gear )'FNL, 1835'FEL	ry and in accordance	( )	JAN	2000	OR AREA	
				PECS	(W -	Sec.23. T-	30-N, R-10-W
At top prod. interval re	ported below		iles:	CIL COA	DIV 5		
At total depth			. 3	Diet.	3 07		
		14	PERMIT NO.	DATE ISSUE		12. COUNTY OR	13. STATE
		13.	Y	1. M. M. 2.	- 11 6 3 ×	PARISH	New Mexico
		HZ DATE CORE	L. (Ready to prod.)	788	TO FLEVATIONS (DF	San Juan RKB, RT, BR, ETC.)*	19. ELEV. CASINGHEAD
· · · · · · · · · · · · · · · · · · ·	DATE T.D. REACHED 8-7-99	12-23-9			6389'GL/640		
8-1-99 ), TOTAL DEPTH, MD &T			22. IF MULTIPLE CO		23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
			HOW M/	ANY"	DRILLED BY	0-5655'	1
5655' PRODUCTION INTERV	5643	ETION-TOP, BOTTOM,	NAME (MD AND TVI			25. WAS DIE	
4. PRODUCTION INTERV	AL (S) OF THIS COM? L	211011 101 122 123	•			SURVE	Y MADE
4541-5543' Mesa			<del>_</del>			27. WAS WELL COR	ED
6. TYPE ELECTRIC AND	p/Array Induction/	Comp. Neutron Lit	ho Density			no	
8.			ASING RECORD (	Report all strings	s set in well) BENT, CEMENTING RE	CORD I	AMOUNT PULLED
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE 12 1/4"	TOP OF CEN	207 cu. ft.	SORB	AMOUNT COLUMN
	32.3#	237			1233 cu. ft.		
9 5/8"		3277'	8 3/4"		1233 CU. IL.		
7"	20-23#	3277'	8 3/4"		1233 Cu. II.		
7"	20-23#		8 3/4"	30.	1233 Cd. It.	TUBING REC	ORD
7" 9.	20-23# LINER RE		SCREEN (MD)	30. SIZE	DEPTH SE		ORD PACKER SET (MD)
7"	20-23# LINER RE	CORD					
9. SIZE TOP (MD 4 1/2" 3179'	20-23#  LINER RE BOTTOM (MD) 5646'	SACKS CEMENT* 363 CU. ft.	SCREEN (MD)	SIZE 2 3/8"	DEPTH SE 5497'	T (MD)	PACKER SET (MD)
9. SIZE TOP (MD 4 1/2" 3179' PERFORATION RECO	LINER RE BOTTOM (MD) 5646'	SACKS CEMENT* 363 cu. ft.	SCREEN (MD)	SIZE 2 3/8"	DEPTH SE 5497' ID, SHOT. FRACTUR	T (MD)	PACKER SET (MD)  ZE, ETC.  MATERIAL USED
9. SIZE TOP (MD 4 1/2" 3179'  PERFORATION RECC	20-23#  LINER RE BOTTOM (MD) 5646'  RD (Interval, size and miles) 49, 4644, 4670, 46	SACKS CEMENT* 363 cu. ft.    mber   74, 4680, 4694,	SCREEN (MD)	SIZE 2 3/8"  AC  RVAL (MD)	DEPTH SE 5497'	T (MD)	PACKER SET (MD)  ZE, ETC.  MATERIAL USED
9. SIZE TOP (MD 4 1/2" 3179'  PERFORATION RECC 541, 4622, 4627, 46: 705, 4712, 4722, 47: 2005, 4910, 4953, 49:	LINER RE  BOTTOM (MD)  5646'  RD (Interval, size and miles) 39, 4644, 4670, 46 32, 4756, 4770, 47 33, 5001, 5005, 50	SACKS CEMENT* 363 cu. ft.  Jimber) 74, 4680, 4694, 76, 4848, 4891, 81, 5087, 5128,	32. DEPTH INTE	SIZE 2 3/8" AC RVAL (MD) 28'	DEPTH SE 5497' ID, SHOT. FRACTUR AM 2103 bbi 2% KCL	T (MD)  E, CEMENT SQUEE OUNT AND KIND OF M., sik wtr. 100,000#	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  20/40 Brady snd
9.  SIZE TOP (MD 4 1/2" 3179'  PERFORATION RECC 541, 4622, 4627, 46: 705, 4712, 4722, 47: 905, 4910, 4953, 49: 242, 5257, 5265, 52	LINER RE DESCRIPTION (MD) DESCRIPTION (M	SACKS CEMENT* 363 cu. ft.    mber   74, 4680, 4694, 76, 4848, 4891, 81, 5087, 5128, 06, 5311, 5317,	SCREEN (MD)  32.  DEPTH INTE	SIZE 2 3/8" AC RVAL (MD) 28'	DEPTH SE 5497' ID, SHOT. FRACTUR AM 2103 bbi 2% KCL	T (MD)	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  20/40 Brady snd
9.  SIZE TOP (MD 4 1/2" 3179'  PERFORATION RECC 541, 4622, 4627, 46: 705, 4712, 4722, 47: 905, 4910, 4953, 49: 242, 5257, 5265, 52: 325, 5343, 5348, 53	LINER RE DESCRIPTION (MD) DESCRIPTION (M	SACKS CEMENT* 363 cu. ft.  363 cu. ft.  74, 4680, 4694, 76, 4848, 4891, 81, 5087, 5128, 06, 5311, 5317, 83, 5424, 5434,	32. DEPTH INTE 4541-51.	SIZE 2 3/8"  AC  RVAL (MD) 28' 43'	DEPTH SE 5497' ID, SHOT. FRACTUR AM 2103 bbi 2% KCL	T (MD)  E, CEMENT SQUEE OUNT AND KIND OF M., sik wtr. 100,000#	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  20/40 Brady snd
9.  SIZE TOP (MD 4 1/2" 3179'  PERFORATION RECC 541, 4622, 4627, 46: 705, 4712, 4722, 47: 905, 4910, 4953, 49: 242, 5257, 5265, 52: 325, 5343, 5348, 53: 441, 5460, 5480, 54: 33.	LINER RE DESCRIPTION (MD) DESCRIPTION (M	SACKS CEMENT*  363 cu. ft.  174, 4680, 4694, 76, 4848, 4891, 81, 5087, 5128, 06, 5311, 5317, 83, 5424, 5434, 17, 5543	32.  DEPTH INTE  4541-51:  5242-55	SIZE 2 3/8"  AC  RVAL (MD) 28"  43'	DEPTH SE 5497' ID, SHOT. FRACTUR AM 2103 bbi 2% KCL 2152 bbi 2% KCL	E, CEMENT SQUEE OUNT AND KIND OF N . SIK wtr, 100,000#	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  20/40 Brady snd
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9.  SIZE TOP (MD 4 1/2" 3179'  PERFORATION RECC 541, 4622, 4627, 46; 705, 4712, 4722, 47; 905, 4910, 4953, 49; 242, 5257, 5265, 52; 325, 5343, 5348, 53; 441, 5460, 5480, 54; 33. ATE FIRST PRODUCTION	LINER RE BOTTOM (MD) 5646'  RD (Interval, size and no. 39, 4644, 4670, 46. 32, 4756, 4770, 47. 33, 5001, 5005, 50. 71, 5277, 5285, 53. 555, 5362, 5367, 53. 89, 5503, 5508, 55.	SACKS CEMENT* 363 Cu. ft.  363 Cu. ft.  74, 4680, 4694, 76, 4848, 4891, 81, 5087, 5128, 06, 5311, 5317, 83, 5424, 5434, 17, 5543  CITON METHOD (Flow	SCREEN (MD)  32.  DEPTH INTE  4541-51:  5242-55  Ping, gas in, pumping Flowing	SIZE 2 3/8"  AC RVAL (MD) 28'  43'  RODUCTION SIZE and type of p	DEPTH SE 5497'  ID, SHOT. FRACTUR AM 2103 bbl 2% KCL 2152 bbl 2% KCL  Gump)  GAS-MCF 950 Pitot gauge	E, CEMENT SQUEE OUNT AND KIND OF N SIK Wtr, 100,000#  SIK Wtr, 100,000#  WELL STA SI WATER-BBL	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  20/40 Brady snd  20/40 Brady snd  TUS (Producing or snut-in)  GAS-OIL RATIO
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7"  SIZE TOP (MD 4 1/2" 3179'  PERFORATION RECC 541, 4622, 4627, 46: 705, 4712, 4722, 47: 905, 4910, 4953, 49: 242, 5257, 5265, 52: 325, 5343, 5348, 53: 441, 5460, 5480, 54  33. ATE FIRST PRODUCTION  IL-23-99  ILOW, TUBING PRESS. SI 146 34. DISPOSITION OF GA	20-23#  LINER RE BOTTOM (MD) 5646'  RD (Interval. size and rick 39, 4644, 4670, 46 32, 4756, 4770, 47 33, 5001, 5005, 50 71, 5277, 5285, 53 55, 5362, 5367, 53 89, 5503, 5508, 55  HOURS TESTED  CASING PRESSURE SI 332 S (Solid. used for fuer, vel. To be sold NTS None e foregoing any aftached	SACKS CEMENT*  363 GU. ft.  363 GU. ft.  74, 4680, 4694, 76, 4848, 4891, 81, 5087, 5128, 06, 5311, 5317, 83, 5424, 5434, 17, 5543  CHOKE SIZE PROTECTION METHOD (Flow  CALCULATED CALCULATE	SCREEN (MD)  32.  DEPTH INTE  4541-51.  5242-55  Flowing DIN FOR DIL-BBL  Streen (MD)  OIL-BBL	SIZE  2 3/8"  AC  RVAL (MD)  28'  43'  RODUCTION  SIZE and type or the state of the	DEPTH SE 5497'  ID, SHOT. FRACTUR  AM 2103 bbl 2% KCL  2152 bbl 2% KCL  GAS—MCF  950 Pitot gauge  WATER	E, CEMENT SQUEE OUNT AND KIND OF M. SIK WIT, 100,000#  WELL STA SI WATER-BBL  -BBL	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  20/40 Brady snd  20/40 Brady snd  TOS (Producing or snut-in)  GAS-OIL RATIO  OIL GRAVITY-API (COR
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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): FORMATION TOP MOLLOR DESCRIPTION, CONTESTS, RTC. 38. NAME GEOLOGIC MARKERS MEAS, DEPTH TOP TRUE VERT. DEPTH

Point Lookout	Menefee	Cliff House	Chacra	Huerfanito Bentonite* 3738' 4007'	Lewis		Pictured Cliffs			Fruitland	Witcheller	Virt land	Oio Alamo
5235 '	4780'	4506	4007'	37381	31491		2995	2		2424		1829'	1733'
5655'	4780' 5235'	4506' 4780'	4506'	4007'	3149' 3738'		2995. 3149.			2995'	!	2424'	1829'
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	w/drk gry shale ss. Gry, fine-grn, dense sil ss.	Gry fn grn silty, glauconitic sd stone	White, waxy chalky bentonite	Shale w/siltstone stringers		BIL Orly, trust Stril Castle Castle	Bn-Gry fine orn tight ss.	med gry, tight, fine gr ss.	Dk gry-gry carb sh, coal, grn silts, light-	•	Gry sh interbedded w/tight, gry, fine-gr ss.	White, cr-gr ss.
			Point Lookout	Menefee	Cliffhouse	Chacra	Huerfanito Bent	Lewis	Pictured Cliffs	Fruitland	Kirtland		Ojo Alamo
			5235'	4780'	4506'	4007'	3738'	3149'	2995'	2424'	1829'		1733'

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

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