Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

reverse side) **BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE* (See other In-structions on

FOR APPROVED OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO. SF-078508

	ETION OR	RECOMPL	ETION REP	ORT AND	LOG*	6. IF INDIAN, ALLOT	TEE OR TRIBE NAME			
TYPE OF WELL:	OIL WELL	GAS X	DRY Other							
TYPE OF COMPLET				(**		7. UNIT AGREEMEN	IT NAME			
NEW X		PLUG	DIFF.	ful e		8. FARM OR LEASE	NAME, WELL NO.			
WETT TY	OVER EN	BACK	RESVR Other			Nordhaus #	2B			
NAME OF OPERATO	OR .					9. API WELL NO.				
	N RESOURCES O	30-045-30097								
ADDRESS AND TEL	EPHONE NO.	10. FIELD AND POOL, OR WILDCAT								
PO BOX 428	9, Farmington, NM		Blanco Mesaverde							
LOCATION OF WEL At surface 20	L (Report location cle 180'FSL, 2440'FWL	11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA								
At top prod, interval r	eported below					K Sec.11, T-3	1-N, R-9-W			
At total depth					17					
		F	14. PERMIT NO.	DATE ISSUE	D	12. COUNTY OR	13. STATE			
				1		PARISH				
DATE PROPERTY TO	DATE TO DEACHE	<u></u>	COMPL. (Ready to prod.)	<u> </u>	19 ELEVATIONS (DE	San Juan	New Mexico			
DATE SPUDDED 16 6-20-00	. DATE T.D. REACHE 6-26-00	- 1	t-00. (Ready to prod.)	,	18. ELEVATIONS (DF, 6177'GL/618		19. ELEV. CASINGHEAD			
. TOTAL DEPTH, MD &			D 22. IF MULTIPLE C	OMPL.,	23. INTERVALS	ROTARY TOOLS	CABLE TOOLS			
			HOWN		DRILLED BY		ı			
5711'	5707				l	0-5711'	FOXIONAL .			
. PRODUCTION INTERV	/AL (S) OF THIS COMP	LETION-TOP, BOT	TOM, NAME (MD AND T	VU) ⁻		25. WAS DIR SURVEY				
4006-5668' Mesa	verde						No			
. TYPE ELECTRIC AND CBL/GR/CCL	OTHER LOGS RUN		,			27. WAS WELL CORE	No			
3.			CASING RECORD	(Report all string	s set in well)	<u> </u>				
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (M			MENT, CEMENTING REC	CORD	AMOUNT PULLED			
9 5/8	32.3#	238'	12 1/4		218 cu. ft.					
7	20-23#	3266'	8 3/4	<u> </u>	1284 cu. ft.					
		+								
		1								
	LINER R	ECORD		30.		TUBING RECO	RD			
		ECORD SACKS CEMEN	SCREEN (MD)	30. SIZE	DEPTH SET		RD PACKER SET (MD)			
).		·		 	DEPTH SET 5615					
SIZE TOP (MD 4 1/2 3157') BOTTOM (MD) 5710'	SACKS CEMEN 365 cu. fi		SIZE 2 3/8	5615'	(MD)	PACKER SET (MD)			
SIZE TOP (MC 4 1/2 3157' PERFORATION RECC	BOTTOM (MD) 5710' DRD (Interval, size and r	SACKS CEMEN 365 cu. ft	32.	SIZE 2 3/8	5615' ID, SHOT, FRACTURE	F (MD)	PACKER SET (MD) E, ETC.			
SIZE TOP (MC 4 1/2 3157' PERFORATION RECC 06, 4010, 4012, 4022	BOTTOM (MD) 5710' DRD (Interval, size and r 2, 4027, 4030, 4039,	SACKS CEMEN 365 CU. ft number) 4040, 4071, 407	32. 77, DEPTH INTE	SIZE 2 3/8 AC ERVAL (MD)	5615'	F (MD) E, CEMENT SQUEEZ DUNT AND KIND OF MA	PACKER SET (MD) E, ETC.			
SIZE TOP (MC 4 1/2 3157' PERFORATION RECC 06, 4010, 4012, 4022 79, 4109, 4140, 4185	DRD (Interval, size and r. 2, 4027, 4030, 4039, 5, 4186, 4191, 4195	365 cu. ft 365 cu. ft 369 cu. ft 369 cu. ft 369 cu. ft 369 cu. ft 369 cu. ft	32. 77, DEPTH INTE 08, 4006-450	SIZE 2 3/8 AC ERVAL (MD)	5615' ID, SHOT, FRACTURI AMC 15,000 gai 70 Q foan	F (MD) E, CEMENT SQUEEZ DUNT AND KIND OF MA	PACKER SET (MD) E, ETC. VERIAL USED # 20/40 Brady sd, 56,600 SCF N2			
SIZE TOP (MC 4 1/2 3157' PERFORATION RECC 06, 4010, 4012, 4022 79, 4109, 4140, 4185 14, 4221, 4224, 4235 17, 4318, 4319, 4336	DRD (Interval, size and r. 2, 4027, 4030, 4039, 5, 4186, 4191, 4195, 6, 4242, 4243, 4244, 6, 4382, 4397, 4424,	SACKS CEMEN 365 CU. ft number) 4040, 4071, 407 4204, 4205, 420 4245, 4246, 425 4444, 4461, 450	32. 77, DEPTH INTE 08, 4006-450 58, 4617-490 00, 5035-522	SIZE 2 3/8 AC ERVAL (MD) 00' 88' 27'	5615' ID, SHOT, FRACTURI AMC 15,000 gal 70 Q foan 6250 gal sik wtr pa 6250 gal sik wtr pa	E, CEMENT SQUEEZ DUNT AND KIND OF MA n 20# Inr gel, 200,000 d, 50,000# 20/40 Br d, 50,000# 20/40 Br	PACKER SET (MD) E, ETC. ITERIAL USED # 20/40 Brady sd, 56,600 SCF Norady sand. rady sand.			
SIZE TOP (MC 4 1/2 3157' PERFORATION RECC 96, 4010, 4012, 4022' 79, 4109, 4140, 4185' 14, 4221, 4224, 4235' 17, 4318, 4319, 4336' 17, 4619, 4650, 4674'	DRD (Interval, size and r. 2, 4027, 4030, 4039, 5, 4186, 4191, 4195, 5, 4242, 4243, 4244, 4, 4732, 4750, 4784,	SACKS CEMEN 365 CU. ft 20040, 4071, 407 4204, 4205, 420 4245, 4246, 425 4444, 4461, 450 4816, 4867, 487	32. 77, DEPTH INTE 08, 4006-450 58, 4617-490 00, 5035-527 74, 5292-543	SIZE 2 3/8 AC ERVAL (MD) 00' 88' 27' 59'	5615' ID, SHOT, FRACTURI AMC 15,000 gal 70 Q foan 6250 gal sik wtr pa 6250 gal sik wtr pa 8750 gal sik wtr pa	E, CEMENT SQUEEZ DUNT AND KIND OF MA n 20# Inr gel, 200,000 d, 50,000# 20/40 Br d, 50,000# 20/40 Br d, 70,000# 20/40 Br	PACKER SET (MD) E, ETC. TERIAL USED # 20/40 Brady sd, 56,600 SCF Norady sand. rady sand. rady sand. rady sand.			
SIZE TOP (MC 4 1/2 3157' PERFORATION RECC 06, 4010, 4012, 4022' 79, 4109, 4140, 4185' 14, 4221, 4224, 4235' 17, 4318, 4319, 4336' 17, 4619, 4650, 4674' 00, 4924, 4930, 4935'	DRD (Interval, size and r. 2, 4027, 4030, 4039, 5, 4186, 4191, 4195, 5, 4242, 4243, 4244, 4, 4732, 4750, 4784,	SACKS CEMEN 365 CU. ft 20040, 4071, 407 4204, 4205, 420 4245, 4246, 425 4444, 4461, 450 4816, 4867, 487	32. 77, DEPTH INTE 08, 4006-450 58, 4617-490 00, 5035-52 74, 5292-54 67, 5501-560	SIZE 2 3/8 AC ERVAL (MD) 00' 88' 27' 59'	5615' ID, SHOT, FRACTURI AMC 15,000 gal 70 Q foan 6250 gal sik wtr pa 6250 gal sik wtr pa 8750 gal sik wtr pa	E, CEMENT SQUEEZ DUNT AND KIND OF MA n 20# Inr gel, 200,000 d, 50,000# 20/40 Br d, 50,000# 20/40 Br	PACKER SET (MD) E, ETC. TERIAL USED # 20/40 Brady sd, 56,600 SCF Norady sand. rady sand. rady sand. rady sand.			
SIZE TOP (MD 4 1/2 3157' PERFORATION RECC 06, 4010, 4012, 4022 79, 4109, 4140, 4185 14, 4221, 4224, 4235 17, 4318, 4319, 4336 17, 4619, 4650, 4674 00, 4924, 4930, 4936	DRD (Interval, size and r. 2, 4027, 4030, 4039, 5, 4186, 4191, 4195, 6, 4242, 4243, 4244, 4, 4732, 4750, 4784, 5, 4941, 4949, 4950,	SACKS CEMEN 365 CU. ft number) 4040, 4071, 407 4204, 4205, 420 4245, 4246, 429 4444, 4461, 450 4816, 4867, 481 4956, 4963, 496	32. 77, DEPTH INTE 08, 4006-450 58, 4617-490 00, 5035-52 74, 5292-54 67, 5501-560	SIZE 2 3/8 AC ERVAL (MD) 00' 88' 27' 59' 68' RODUCTION	5615' ID, SHOT, FRACTURI AM 15,000 gal 70 Q foan 6250 gal sik wtr pa 6250 gal sik wtr pa 8750 gal sik wtr pa	E, CEMENT SQUEEZ DUNT AND KIND OF MAIN 20% Inr gel, 200,000; d, 50,000# 20/40 Brid, 50,000# 20/40 Brid, 70,000# 20/40 Brid, 30,000# 20/40 Brid, 30,000# 20/40 Brid, 30,000# 20/40 Brid, 30,000# 20/40 Bridger Status	PACKER SET (MD) E, ETC. TERIAL USED # 20/40 Brady sd, 56,600 SCF Norady sand. rady sand. rady sand. rady sand.			
SIZE TOP (MC 4 1/2 3157' PERFORATION RECC 06, 4010, 4012, 4022 79, 4109, 4140, 4185 14, 4221, 4224, 4235 17, 4318, 4319, 4336 17, 4619, 4650, 4674 00, 4924, 4930, 4931 3 TE FIRST PRODUCTION	DRD (Interval, size and r 2, 4027, 4030, 4039, 5, 4186, 4191, 4195, 5, 4242, 4243, 4244, 6, 4382, 4397, 4424, 1, 4732, 4750, 4784, 5, 4941, 4949, 4950,	SACKS CEMEN 365 CU. fi 4040, 4071, 407 4204, 4205, 420 4245, 4246, 429 4444, 4461, 450 4816, 4867, 487 4956, 4963, 490	32. 77, DEPTH INTE 88, 4006-45 88, 4617-49 90, 5035-52 74, 5292-54 67, 5501-56 Fill	SIZE 2 3/8 AC ERVAL (MD) 00' 88' 27' 59' 68' RODUCTION -size and type of j	5615' ID, SHOT, FRACTURI AMM 15,000 gal 70 0 foan 6250 gal sik wtr pa 6250 gal sik wtr pa 8750 gal sik wtr pa 6000 gal sik wtr pa	E, CEMENT SQUEEZ DUNT AND KIND OF MAN n 20# Inr gel, 200,000 d, 50,000# 20/40 Br d, 50,000# 20/40 Br d, 70,000# 20/40 Br d, 30,000# 20/40 Br WELL STATU	PACKER SET (MD) E, ETC. ITERIAL USED # 20/40 Brady sd, 56,600 SCF N; rady sand. rady sand. rady sand. rady sand. rady sand.			
SIZE TOP (MD 4 1/2 3157' PERFORATION RECC 06, 4010, 4012, 4022 79, 4109, 4140, 4185 14, 4221, 4224, 4235 17, 4318, 4319, 4336 17, 4619, 4650, 4674 00, 4924, 4930, 4936 3	DRD (Interval, size and r. 2, 4027, 4030, 4039, 5, 4186, 4191, 4195, 6, 4242, 4243, 4244, 4, 4732, 4750, 4784, 5, 4941, 4949, 4950,	SACKS CEMEN 365 CU. ft number) 4040, 4071, 407 4204, 4205, 420 4245, 4246, 429 4444, 4461, 450 4816, 4867, 481 4956, 4963, 496	32. 77, DEPTH INTE 08, 4006-450 68, 4617-499 00, 5035-52; 74, 5292-549 67, 5501-560 Processing gas lift, pumping Flowing PROD'N FOR OIL-	SIZE 2 3/8 AC ERVAL (MD) 00' 88' 27' 59' 68' RODUCTION -size and type of j	5615' ID, SHOT, FRACTURI AM 15,000 gal 70 Q foan 6250 gal sik wtr pa 6250 gal sik wtr pa 8750 gal sik wtr pa	E, CEMENT SQUEEZ DUNT AND KIND OF MAIN 20% Inr gel, 200,000; d, 50,000# 20/40 Brid, 50,000# 20/40 Brid, 70,000# 20/40 Brid, 30,000# 20/40 Brid, 30,000# 20/40 Brid, 30,000# 20/40 Brid, 30,000# 20/40 Bridger Status	PACKER SET (MD) E, ETC. TERIAL USED 20/40 Brady \$d, 56,600 SCF Norady sand. rady sand. rady sand. rady sand. rady sand. rady sand.			
SIZE TOP (MD 4 1/2 3157' PERFORATION RECC 06, 4010, 4012, 4022 79, 4109, 4140, 4185 14, 4221, 4224, 4235 17, 4318, 4319, 4336 17, 4619, 4650, 4674 00, 4924, 4930, 4936 3 TE FIRST PRODUCTION) BOTTOM (MD) 5710' 2, 4027, 4030, 4039, 5, 4186, 4191, 4195, 6, 4242, 4243, 4244, 4, 4732, 4750, 4784, 6, 4941, 4949, 4950, 4784, 6, 4941, 4949, 4950, 4784, 4784, 4784, 4784, 4784, 4784, 4784, 4784, 4849, 48	SACKS CEMEN 365 CU. fi 4040, 4071, 407 4204, 4205, 420 4245, 4246, 429 4444, 4461, 450 4816, 4867, 487 4956, 4963, 490 CCHOKE SIZE	32. 77, DEPTH INTE 08, 4006-450 58, 4617-490 00, 5035-52; 74, 5292-54: 57, 5501-560 Flowing, gas lift, pumping Flowing PROD'N FOR OIL- TEST PERIOD	SIZE 2 3/8 AC ERVAL (MD) 00' 88' 27' 59' RODUCTION —size and type of j	JO, SHOT, FRACTURI AMC 15,000 gal 70 Q foan 6250 gal sik wtr pa 6250 gal sik wtr pa 8750 gal sik wtr pa 6000 gal sik wtr pa 6000 gal sik wtr pa	E, CEMENT SQUEEZ DUNT AND KIND OF MA n 20# Inr gel, 200,000 d, 50,000# 20/40 Bi d, 50,000# 20/40 Bi d, 70,000# 20/40 Bi d, 30,000# 20/40 Bi WELL STATE SI WATER-BBL	PACKER SET (MD) E, ETC. ITERIAL USED # 20/40 Brady sd, 56,600 SCF Norady sand. rady sand. rady sand. rady sand. rady sand. IS (Producing or shut-in)			
SIZE TOP (MC 4 1/2 3157' PERFORATION RECC 26, 4010, 4012, 4022' 79, 4109, 4140, 4185' 14, 4221, 4224, 4231' 17, 4318, 4319, 4336' 17, 4619, 4650, 4674' 20, 4924, 4930, 4935' TE FIRST PRODUCTION TE OF TEST 10-4-00	DRD (Interval, size and r 2, 4027, 4030, 4039, 5, 4186, 4191, 4195, 5, 4242, 4243, 4244, 6, 4382, 4397, 4424, 1, 4732, 4750, 4784, 5, 4941, 4949, 4950,	SACKS CEMEN 365 CU. ft 2040, 4071, 407 4204, 4205, 420 4245, 4246, 425 4444, 4461, 450 4816, 4867, 487 4956, 4963, 496 CHOKE SIZE	32. 77, DEPTH INTE 08, 4006-450 68, 4617-499 00, 5035-52; 74, 5292-549 67, 5501-560 Processing gas lift, pumping Flowing PROD'N FOR OIL-	SIZE 2 3/8 AC ERVAL (MD) 00' 88' 27' 59' 68' RODUCTION -size and type of j	JO, SHOT, FRACTURI AMC 15,000 gal 70 Q foan 6250 gal sik wtr pa 6250 gal sik wtr pa 8750 gal sik wtr pa 6000 gal sik wtr pa 6000 gal sik wtr pa	E, CEMENT SQUEEZ DUNT AND KIND OF MA n 20# Inr gel, 200,000 d, 50,000# 20/40 Bi d, 50,000# 20/40 Bi d, 70,000# 20/40 Bi d, 30,000# 20/40 Bi WELL STATE SI WATER-BBL	PACKER SET (MD) E, ETC. ITERIAL USED # 20/40 Brady sd, 56,600 SCF N; rady sand. rady sand. rady sand. rady sand. rady sand.			
SIZE TOP (MD 4 1/2 3157' PERFORATION RECC 06, 4010, 4012, 4022 79, 4109, 4140, 4185 14, 4221, 4224, 4235 17, 4318, 4319, 4336 17, 4619, 4650, 4674 00, 4924, 4930, 4936 3 TE FIRST PRODUCTION TE OF TEST 10-4-00 TOWN TUBING PRESS.	BOTTOM (MD) 5710' 2, 4027, 4030, 4039, 4191, 4195, 4242, 4243, 4244, 4244, 4244, 4244, 4949, 4950, 4941, 4941, 49	SACKS CEMEN 365 CU. fi 4040, 4071, 407 4204, 4205, 420 4245, 4246, 429 4444, 4461, 450 4816, 4867, 487 4956, 4963, 490 CCHOKE SIZE	32. 77, DEPTH INTE 08, 4006-450 58, 4617-490 00, 5035-52; 74, 5292-54: 57, 5501-560 Flowing, gas lift, pumping Flowing PROD'N FOR OIL- TEST PERIOD	SIZE 2 3/8 AC ERVAL (MD) 00' 88' 27' 59' 68' RODUCTION —size and type of j	5615' ID, SHOT, FRACTURI AMM 15,000 gal 70 0 foan 6250 gal sik wtr pa 6250 gal sik wtr pa 8750 gal sik wtr pa 6000 gal sik wtr pa 6000 gal sik wtr pa 6000 gal sik wtr pa	E, CEMENT SQUEEZ DUNT AND KIND OF MA n 20# Inr gel, 200,000 d, 50,000# 20/40 Bi d, 50,000# 20/40 Bi d, 70,000# 20/40 Bi d, 30,000# 20/40 Bi WELL STATE SI WATER-BBL	PACKER SET (MD) E, ETC. ITERIAL USED # 20/40 Brady sd, 56,600 SCF Norady sand. rady sand. rady sand. rady sand. rady sand. IS (Producing or shut-in)			
SIZE TOP (MD 4 1/2 3157' PERFORATION RECC 06, 4010, 4012, 402; 79, 4109, 4140, 418; 14, 4221, 4224, 423; 17, 4318, 4319, 433; 17, 4619, 4650, 4674 00, 4924, 4930, 493; 3 TE FIRST PRODUCTION TE OF TEST 10-4-00 DW. TUBING PRESS. SI 430	DRD (Interval, size and no. 2, 4027, 4030, 4039, 5, 4186, 4191, 4195, 5, 4242, 4243, 4244, 4732, 4750, 4784, 5, 4941, 4949, 4950, 4 PRODU	SACKS CEMEN 365 CU. fi 4040, 4071, 407 4204, 4205, 420 4245, 4246, 421 4444, 4461, 450 4816, 4867, 487 4956, 4963, 496 CTION METHOD (A	32. 77, DEPTH INTE 08, 4006-450 58, 4617-490 00, 5035-52; 74, 5292-54: 57, 5501-560 Flowing, gas lift, pumping Flowing PROD'N FOR OIL- TEST PERIOD	SIZE 2 3/8 AC ERVAL (MD) 00' 88' 27' 59' RODUCTION —size and type of j	5615' ID, SHOT, FRACTURI AMM 15,000 gal 70 0 foan 6250 gal sik wtr pa 6250 gal sik wtr pa 8750 gal sik wtr pa 6000 gal sik wtr pa 6000 gal sik wtr pa 6000 gal sik wtr pa	E, CEMENT SQUEEZ DUNT AND KIND OF MA n 20# Inr gel, 200,000 d, 50,000# 20/40 Bi d, 50,000# 20/40 Bi d, 70,000# 20/40 Bi d, 30,000# 20/40 Bi WELL STATE SI WATER-BBL	PACKER SET (MD) E, ETC. ITERIAL USED 20/40 Brady sd, 56,600 SCF Norady sand. rady sand. rady sand. IS (Producing of shuffin) GAS-OIL RATIO OIL GRAVITY-API (CORR.)			
SIZE TOP (MD 4 1/2 3157' PERFORATION RECC 06, 4010, 4012, 4022 79, 4109, 4140, 4185 14, 4221, 4224, 4235 17, 4318, 4319, 4336 17, 4619, 4650, 4674 00, 4924, 4930, 4935 3 TE FIRST PRODUCTION TE OF TEST 10-4-00 OW. TUBING PRESS. SI 430 4. DISPOSITION OF GA	DRD (Interval, size and r. 2, 4027, 4030, 4039, 5, 4186, 4191, 4195, 5, 4242, 4243, 4244, 4332, 4750, 4784, 5, 4941, 4949, 4950, 4 PRODU	SACKS CEMEN 365 CU. fi 4040, 4071, 407 4204, 4205, 420 4245, 4246, 421 4444, 4461, 450 4816, 4867, 487 4956, 4963, 496 CTION METHOD (A	32. 77, DEPTH INTE 08, 4006-450 58, 4617-490 00, 5035-52; 74, 5292-54: 57, 5501-560 Flowing, gas lift, pumping Flowing PROD'N FOR OIL- TEST PERIOD	SIZE 2 3/8 AC ERVAL (MD) 00' 88' 27' 59' 68' RODUCTION —size and type of j	5615' ID, SHOT, FRACTURI AMM 15,000 gal 70 0 foan 6250 gal sik wtr pa 6250 gal sik wtr pa 8750 gal sik wtr pa 6000 gal sik wtr pa 6000 gal sik wtr pa 6000 gal sik wtr pa	E, CEMENT SQUEEZ DUNT AND KIND OF MA 20# Inr gel, 200,000 d, 50,000# 20/40 Br d, 70,000# 20/40 Br d, 70,000# 20/40 Br WELL STATU SI WATER-BBL	PACKER SET (MD) E, ETC. ITERIAL USED 20/40 Brady sd, 56,600 SCF Norady sand. rady sand. rady sand. IS (Producing of shuffin) GAS-OIL RATIO OIL GRAVITY-API (CORR.)			
9. SIZE TOP (MC 4 1/2 3157' PERFORATION RECC 206, 4010, 4012, 4022 2079, 4109, 4140, 4186 214, 4221, 4224, 4236 317, 4318, 4319, 4336 317, 4619, 4650, 4674 300, 4924, 4930, 4938 33. ATE FIRST PRODUCTION ATE OF TEST 10-4-00 .OW. TUBING PRESS. SI 430 34. DISPOSITION OF GA 35. LIST OF ATTACHMEN	DRD (Interval, size and r. 2, 4027, 4030, 4039, 5, 4186, 4191, 4195, 5, 4242, 4243, 4244, 6, 4382, 4397, 4424, 4732, 4750, 4784, 5, 4941, 4949, 4950, 4784, 4784, 4784, 4785, 4941, 4849, 4950, 4841, 4849, 4850, 4841,	SACKS CEMEN 365 CU. fi 4040, 4071, 407 4204, 4205, 426 4245, 4246, 425 4816, 4867, 487 4956, 4963, 496 CTION METHOD (7 CHOKE SIZE CALCULATED 24-HOUR RATE	32. 77, DEPTH INTE 08, 4006-45(58, 4617-49(00, 5035-52(74, 5292-54(67, 5501-56(75, 7501-56(76, 7501-56(77, 7501-56(77, 7501-56(78, 7501-56(SIZE 2 3/8 AC ERVAL (MD) 00' 88' 27' 59' 68' RODUCTION size and type of j BBL GASMCF	5615' ID, SHOT, FRACTURI AMC 15,000 gal 70 Q foan 6250 gal sik wtr pa 6250 gal sik wtr pa 6750 gal sik wtr pa 6000 gal sik wtr pa	E, CEMENT SQUEEZ DUNT AND KIND OF MA 20# Inr gel, 200,000 d, 50,000# 20/40 Br d, 70,000# 20/40 Br d, 70,000# 20/40 Br WELL STATU SI WATER-BBL	PACKER SET (MD) E, ETC. ITERIAL USED 20/40 Brady sd, 56,600 SCF Norady sand. rady sand. rady sand. IS (Producing of shuffin) GAS-OIL RATIO OIL GRAVITY-API (CORR.)			
9. SIZE TOP (MC 4 1/2 3157' PERFORATION RECC 006, 4010, 4012, 4022 079, 4109, 4140, 4185 214, 4221, 4224, 4235 317, 4318, 4319, 4336 617, 4619, 4650, 4674 000, 4924, 4930, 4935 33. ATE FIRST PRODUCTION ATE OF TEST 10-4-00 .OW. TUBING PRESS. SI 430 34. DISPOSITION OF GA	DRD (Interval, size and r. 2, 4027, 4030, 4039, 5, 4186, 4191, 4195, 5, 4242, 4243, 4244, 6, 4382, 4397, 4424, 4732, 4750, 4784, 5, 4941, 4949, 4950, 4784, 4784, 4784, 4785, 4941, 4849, 4950, 4841, 4849, 4850, 4841,	SACKS CEMEN 365 CU. fi 4040, 4071, 407 4204, 4205, 426 4245, 4246, 425 4816, 4867, 487 4956, 4963, 496 CTION METHOD (7 CHOKE SIZE CALCULATED 24-HOUR RATE	32. 77, DEPTH INTE 08, 4006-45(58, 4617-49(00, 5035-52(74, 5292-54(67, 5501-56(75, 7501-56(76, 7501-56(77, 7501-56(77, 7501-56(78, 7501-56(SIZE 2 3/8 AC ERVAL (MD) 00' 88' 27' 59' 68' RODUCTION size and type of j BBL GASMCF	5615' ID, SHOT, FRACTURI AMC 15,000 gal 70 Q foan 6250 gal sik wtr pa 6250 gal sik wtr pa 6750 gal sik wtr pa 6000 gal sik wtr pa	E, CEMENT SQUEEZ DUNT AND KIND OF MA 20# Inr gel, 200,000 d, 50,000# 20/40 Br d, 70,000# 20/40 Br d, 70,000# 20/40 Br WELL STATU SI WATER-BBL	PACKER SET (MD) E, ETC. ITERIAL USED 20/40 Brady sd, 56,600 SCF Norady sand. rady sand. rady sand. rady sand. IS (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR.) ESSED BY			
9. SIZE TOP (MC 4 1/2 3157' PERFORATION RECC 06, 4010, 4012, 4022 179, 4109, 4140, 4185 114, 4221, 4224, 4235 117, 4619, 4650, 4674 100, 4924, 4930, 4935 3 ITE FIRST PRODUCTION INTERIOR TEST 10-4-00 OW. TUBING PRESS. SI 430 4. DISPOSITION OF GA 15. LIST OF ATTACHMEN	DRD (Interval, size and r. 2, 4027, 4030, 4039, 5, 4186, 4191, 4195, 5, 4242, 4243, 4244, 6, 4382, 4397, 4424, 4732, 4750, 4784, 5, 4941, 4949, 4950, 4784, 4784, 4784, 4785, 4941, 4849, 4950, 4841, 4849, 4850, 4841,	SACKS CEMEN 365 CU. fi 4040, 4071, 407 4204, 4205, 426 4245, 4246, 425 4816, 4867, 487 4956, 4963, 496 CTION METHOD (7 CHOKE SIZE CALCULATED 24-HOUR RATE	32. 77, DEPTH INTE 18, 4006-45 18, 4617-49 100, 5035-52 174, 5292-54 167, 5501-56 175 180-180-180 180-180-180 180-180-180 180-180-180 180-180-180 180-180-180 180-180-180 180-180-180 180-180	SIZE 2 3/8 AC ERVAL (MD) 00' 88' 27' 59' 68' RODUCTION —size and type of y BBL 1236 Pitot ga	5615' ID, SHOT, FRACTURI AMC 15,000 gal 70 Q foan 6250 gal sik wtr pa 6250 gal sik wtr pa 6750 gal sik wtr pa 6000 gal sik wtr pa	E, CEMENT SQUEEZ DUNT AND KIND OF MA 20# Inr gel, 200,000 d, 50,000# 20/40 Br d, 70,000# 20/40 Br d, 70,000# 20/40 Br WELL STATU SI WATER-BBL	PACKER SET (MD) E, ETC. ITERIAL USED 20/40 Brady sd, 56,600 SCF Norady sand. rady sand. rady sand. IS (Producing of shuffin) GAS-OIL RATIO OIL GRAVITY-API (CORR.)			

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

_		FORMATION TOP BOTTOM	37. SU.:MARY OF POROUS ZONES: (Show all importer drill-stem, tests, including depth interval tested, crecoveries):
	Company of the Compan	DESCRIPTION, CONTEMPS, STC.	37. SU.:IMARY 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):
	7 X K R		
	MEAS. DEPTH	71	GEOLOGIC MARKERS
	TRUE VERT. DEPTH	TOP	

				* Huerfanito Rentoni					Point Lookout	Menefee	***************************************	Cliff House		Chacra	nder raminco pemcomino	Unerfanito Bentonite* 3768' 4181'	Lewis		בוכנמופת נוווים	Diational Cliffs		Fruitland	Kirtland	Ojo Alamo	
			i i					,	5310'	4990'	,	4602'		4181'		* 3768 -	3183'		((2025		24061	1/55	1710'	
				he legal					5711'	5310'	,	4990'		4602'	1	4181	3768'			ז 1 א 1 א 1 י		3035'	2406.	1755	
			**************************************	Huarfanito Rentonite is the legal top of Mesaverde in New Mexico (north of Chacra line).				sh breaks in lower part of formation	Med-light gry, very fine gr ss w/frequent	Med-dark gry, fine gr ss, carb sh & coal		ss. Gry, fine-grn, dense sil ss.	w/drk gry shale	Gry fn grn silty, glauconitic sd stone		White, waxy chalky bentonite	Shale w/siltstone stringers			Bn-Grv. fine grn, tight ss.	med gry, tight, fine gr ss.	Dk gry-gry carb sh, coal, grn silts, light-	ath an interpendent altraser, 2-1, 2	White, cr-gr ss.	
5664, 5666, 5668.	5578, 5586, 5607,	5521, 5531, 5549,	5447, 5459, 5501,	5400, 5421, 5423,	5353, 5354, 5373,	5338, 5345, 5346,	5315, 5321, 5322,	5215, 5225, 5227,	5167, 5172, 5196,	5067, 5092, 5094,	4978, 4987, 4988,	Perfs Continued:		Point Lookout	Menefee		Cliffhouse	Chacra	Huerfanito Bent	Lewis	Pictured Cliffs	Fruitland	Kirtland		Oio Alamo
	5640, 5657,	5563, 5568,	5504, 5516,	5434, 5439,	5379, 5395,	5350, 5351,	5328, 5333,	5292, 5305,	5204, 5213,	•	5035, 5055,	4973, 4974,		5310'	4990'		4602'	4181'	3768'	3183'	3035'	2406'	1755'		1710'