Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other Instructions on

FOR APPROVED OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

								10101 -0730-43					
WELL (COMPL	ETION OR F	RECOMPLE	TION REP	ORT AND	KOG*	1Q 6. IF I	NDIAN, ALLOTTE	E OR TRIBE NAME				
1a. TYPE Of	WELL:	OIL WELL	GAS WELL X	DRY Other	LED CO	10:0	~~						
							7. UN	IT AGREEMENT	NAME				
D. TYPE O	F COMPLET			DIFF.	RECE		San J	uan 28-6 Un RM OR LEASE N	" NMNM 78413				
	WELL X	WORK DEEP- OVER EN	PLUG BACK	RESVROther()	70 FARIU	<u>ngT</u> ON l	8. FA	RM OR LEASE N	AME, WELL NO.				
							#170N						
	F OPERATO				678	Calle	9. AP	WELL NO.					
		N RESOURCES O	DIL & GAS COMP	ANY LP	25010	<u> </u>		30-039-2957					
		EPHONE NO.		<u>Á</u>		(2)A	10, FI	ELD AND POOL,					
P() Box 4289	, Farmington, NM	87499 (505)	326-9700 /) 55	<u>6 172</u>	14 6	Blanco MV/	R BLOCK AND SURVEY				
At surface	e :e	L (Report location cle	earry and in accorda	ice with any State	OCCEPTARA	, , ,	[A].	EC., 1., N., M., OF OR AREA	N BLOCK AIND SURVET				
711 00.100	Unit P	(SESE), 180' FS	L & 80' FEL			15/1	23						
At top pr	od. interval i	reported below			6:	<u> </u>							
444-4-1	SAME			700		, ,	∄ }	See E TOTAL DELLE MARDES					
At total o	SAME			\{Z	25	0,70	7	Sec. 5, T27N, R6W, NMPM					
	JAME		14.	PERMIT NO.	DATE ISSUE	D 3 (39)	12. C	OUNTY OR	13. STATE				
			\		1 52 S			PARISH					
					<u> </u>	·		Rio Arriba	New Mexico				
15. DATE SP	JDDED 16.	DATE T.D. REACHED	i	PL. (Ready to prod.)		1	S (DF, RKB, RT, E	R, ETC.)*	19. ELEV. CASINGHEAD				
11/18/0		11/26/05	2/7/06			KB-6219' G			<u> </u>				
20. TOTAL DE	PTH, MD &TV	/D 21. PLUG, E	SACK T.D., MD &TVD	22. IF MULTIPLE CO		23. INTERVALS DRILLED B		YTOOLS	CABLE TOOLS				
7362'		7360) ,	2	Out (DRILLED	` 1	х	1				
	TION INTERVA	AL (S) OF THIS COMPLE						25. WAS DIREC	TIONAL				
		_ (0,0)						SURVEY M					
	Dakota- 71	08' - 7344'						<u> </u>	Yes				
26. LOGS	0	1001 1	Daniel an				27. WA	WELL CORED					
	Gamma Ray	/CCL Acoustic Cement						No					
28.		T 1		ASING RECORD	<u> </u>			,					
CASING SU		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE		TOP OF CEMENT, CEMENTING RECOI			MOUNT PULLED				
9-5/8" H-40 7" J-55		20#	3128'	8-3/4"	TOC- SURF' ; 252 sx TOC- SURF' ; 451 sx			18 bbis					
4-1/2" J-55		11.6# & 10.5#	7361	6-1/4"	TOC (1100')- SURF' ; 444 sx*			0 bbls					
			1	 	*Includes Squeeze								
				<u> </u>	i	'							
29.		LINER RI	ECORD		30.		TU	BING RECOR	0				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE		TH SET (MD)	Р	PACKER SET (MD)				
					2-3/8" 4.7# J	-55 7390'							
	<u> </u>		<u> </u>		<u> </u>								
		RD (Interval, size and nun	nber)	32.		D, SHOT, FRA							
.32' diam. 7344' to 72:		= 39 holes		DEPTH INTE	RVAL (MD)	SEE ATTAC		OUNT AND KIND OF MATERIAL USED					
7240' - 7108				7240' to 7108'		SEE ATTAC	neb						
2-0 - 7 100	7 - 1 Spi -	07 110103		7240 10 7 100		 							
						 							
33.					RODUCTION								
DATE FIRST PE	RODUCTION	PRODUC	CTION METHOD (Flowin	ig, gas litt, pumping-si:	ze and type of pum	9)		1	Producing or shut-in)				
SI		Viadas sesses	Pump					SI					
DATE OF TEST		HOURS TESTED		DON FOR OIL-B	BL	GAS-MCF	WATE	R-BBL	GAS-OIL RATIO				
2/8/06		1 hr	2"	- LINOS	0	819 MCF	i		1				
LOW. TUBING	PRESS.	CASING PRESSURE	CALCULATED C	ILBBL	GAS-MCF		TER-BBL		OIL GRAVITY-API (CORR.)				
n. B.co.#		61 7004	24-HOUR RATE	_		1	_	/IUGE	+				
Si - 846 #	ION OF CAC	SI- 792#		0	34 MCF/D		0		Tarabas San				
34, DISPOSIT	IUN OF GAS (Sold, used for fuel, vente	ea, etc.)					TEST WITNESSI	ED BY				
35. LIST OF A	TYACULICAT	To be sold		 				LI MA	R A 2 200c				
		s singled well per or	der DUC 107747					1	W 0 2 2000				
		lingled well per or		d correct as determined	from all available	records		BY BARMINGTON FIELD OFFICE					
-3a.aay 0	11	1 / 2	2/					EN CONFICE					
NONES /	VIn Ar	41111/	11111111	Doguleton, 4 -	agaigts "		B	2127100					
SIGNED //	word	WW 1/ //	1 COV UNITE	Regulatory As	SOCIATE II		DATE	2/27/06					

FORMATION

P

ВОТТОМ

DESCRIPTION, CONTENTS, ETC.

NAME

MEAS. DEPTH

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):

38. GEOLOGIC MARKERS

TOP

ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	Graneros	Greenhorn	Gallup	Mancos		Point Lookout	Menefee		Cliff House		Chacra	Huerfanito Bentonite* 3434'	Lewis	Pictured Cliffs	Fruitland	Kirtland	Ojo Alamo
	7106′	7074' 7106	7014' 7074	6265'	55351		5054	46461		4420'		3841'	* 3434 '	30501	2879'	2667'	2264 1	2212'
		7106'	7074'	7014′	6265'		5535'	50541		4507'		4420'	3841'	3434'	3050'	28791	2667'	2264'
	Lt to dk gry foss carb sl calc sl silty	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.	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-Gry, fine grn, tight ss.	Dk gry-gry carb sh, coal, grn silts, light-	Gry sh interbedded w/tight, gry, fine-gr ss.	White, cr-gr ss.
	Dakota	Graneros	Greenhorn	Gallup	Mancos		Pt.Lookout	Menefee	M. Cliff House	U.Cliff House		Chacra	Huerfanito Bent.	Lewis	Pictured Cliffs	Fruitland	Kirtland	Ojo Alamo
	7106'	7074'	7014'	62651	5535'		5054'	4646'	4507′	4420'		3841'	3434'	3050'	2879′	2667′	2264 '	2212'

Dakota: 2003 BBLS 60% Slickwater N2 40,000# 20/40 TLC SAND

10 BBLS 15% HCL Acid

2553 BBLS 2% KCL

CHEMICALS:

82 GAL FRICTION REDUCER. 40 GAL SURFACTANT

2% KCL WATER