FORM 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* FORM APPROVED (See other in-structions ons reverse side)

OMB NO 1004-0137

Expires: February 28, 1995

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36 1 hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED High College Title Production Assistant DATE 1/31/2012	34. DISPOSITIO	N OF GAS	S (Sold, used	for fuel,	vented, etc.))					TEST WITNESSE	ED B	Y	
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ASSEPTED FOR RECORD

FEB 1 4 2012

FARMAGTON FIELD OFFICE

drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and 38. GEOLOGIC MARKERS recoveries); TOP воттом FORMATION DESCRIPTION, CONTENTS, ETC. TOP NAME TRUE MEAS. DEPTH San Jose Surface VERT. DEPTH 962' Nacimiento Ojo Alamo 1617' Kirtland-Fruitland 1830' Fruitland Coal 1977' **Pictured Cliffs** 2168' Lewis Shale 2267' **Huerfanito Bentonite** 2520' Chacra 2620' **Cliff House** 3682' Menefee 3742' **Point Lookout** 4354' Mancos 4558' Gallup 5425' Greenhorn 6353' Graneros 6415' Dakota 6450'

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all

FORM 3160-4 (July 1992)

(July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR SUBMIT IN DUPLICATE* FORM APPROVED

(See other in-(See other in-structions ons reverse side)

OMB NO 1004-013711 CONS. DIV. Expires February 28, 1993

5 LEASE DESIGNATION AND SERIAL NO. 1.

		BURE	AU OF	LAND	MANAGEM	ENT			BIA # 11			
WELL COMPLETION OR RECOMPLETION REPORT AND LOG*										EE OR TRIBE NAME		
1a. TYPE OF WORK		OIL]	GAS WELL	x DRY	E C Othe			N/A 7 UNIT AGREEMENT	NAME		
1b. TYPE OF WELL NEW WE									N/A 8 FARM OR LEASE NAME, WELL NO			
WELL O	VER 🔲	DEEPEN		BACK	. RESVR.	Other	r			D. 0. 17		
	ation C	- 110				JAN 31	2012		Jicarilla Apach	ie B a F		
Elm Ridge Explor 3 ADDRESS AND TELEPHO	NE NO	0. LLC			Fo				30-039-27726			
			505-63	32-347	ାପ - କେନ୍ଦେଖିଲ	rmington Fig	eld Office	}	10 FIELD AND POOL (OR WILDCAT		
Po Box 156 Bloom 4 LOCATION OF WELL	(Report loc	ations clearly an	d in accorda	ince with a	ny State requiremen	(U)Of Land (V	ianagemer	, 	WC Basin Ma	ncos		
At Surface					355' FNL x 1		a genie,		II SEC.T R. M OR OR AREA			
At top prod Interval reporte	ed below											
At total depth			_		<u> </u>				"F"Sec.20-T24N-R5W			
			14	PERMIT N	Ю	DATE ISSUED		- 1	12 COUNTY OR PARIS	H 13 STATE		
15 DATE SPUDDED 16 D. 6-13-05		EACHED '-05	17 DATE		teady to prod.) 5-10		DF. RKB, RT, GR. ET 40'	C)* GL		19 ELEV CASINGHEAD		
20 TOTAL DEPTH MD & T		21 PLUG BACK 6949' MI			22 IF MULTIPL HOW MANY		23 INTERVALS DRILLED BY	ROT.	ARY TOOLS	CABLE TOOLS		
24 PRODUCING INTERVAL										25 WAS DIRECTIONAL		
Gallup: 5426'-562	9'									SURVEY MADE		
26 TYPE ELECTRIC AND O	THER LOGS		Density	, high i	Resolution In	duction Log,	CBL LOG			27 WAS WELL CORED		
23				CASI	NG RECORD (Rep	oort all strings set in v	well)					
CASING SIZE/GRAD	ЭE	WEIGHT, LI	3/FT		SET (MD)	HOLE SIZE	TOP OF CEI		MENTING RECORD	AMOUNT PULLED		
8 5/8"		24#			380'		12 1/4"		ks	20 bb/s		
4 1/2"		10.5‡	-	6	992'	7 7/8"		2135	SKS	155 bbis		
							 			-		
29		LINER	RECORD				30		TUBING RECORD			
SIZE	TOP (M		воттом		SACKS CEMENT*	SCREEN (MD)	SIZE		EPTH SET (MD)	PACKER SET (MD)		
							2 3/8"		5517'			
31. PERFORATION RECO		, size and numbe				32			E, CEMENT SQUE			
INTER		SIZI	_	NUMBER		TERVAL (MD)		MOUNT AND KIND OF				
5426' -		38		330	5426	'-5629'		000 gals 7.5% MC/				
									1441 sks 16	7 CP 70Q Delta 140		
									1441 383 10	30 010		
33.*						PRODUCTION						
DATE FIRST PRODU 6-15-10	UCTION	PRODUCT	ION MET	THOD (F	Flowing, gas lift,		d type of pump)		L STA	TUS (Producing or sh Producing		
DATE OF TEST 6-15-10	НО	URS TESTE	CHOK 3/-		PROD'N, FOI TEST PERIO	OIL-BBLS.	GAS-MCF.		WATER-BBL.	GAS-OIL RATIO		
FLOW. TUBING PRESS CASING PRESS CA			LCALCU 24-HOU	JLATEI IR RAT	OIL-BBL.	GASMO	1 1			TER-BBL. OIL GRAVITY-API (CORR.		
110 34. DISPOSITION OF	F GAS (S	350 old, used for			30		211		TEST WITNESS	ED BY		
35. LIST OF ATTAC	HMENT	`S	·									
36 I hereby certify that the	foregoing a	and attached info	rmation is o	complete ar	nd correct as determ	uned from all available	e records	····				
SIGNED	lew	Lal	les		TITLE		duction Assis	tant		ATE 1/31/2012		
			U _{*(Se}	e Instruc	tions and Spaces	for Additional Data	on Reverse Side)					

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any talke, ticutious or fraudulent statements or representations as to any matter within its jurisdiction

ASSEPTED FOR RECORD FEB 0 1 2072 FARMAGTON FIELD OFFICE

MMOCD. ^{IV}

drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and 38. GEOLOGIC MARKERS FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC. TOP NAME TRUE MEAS. DEPTH San Jose Surface VERT. DEPTH Nacimiento 962' Ojo Alamo 1617' Kirtland-Fruitland 1830' Fruitland Coal 1977' **Pictured Cliffs** 2168' Lewis Shale 2267' **Huerfanito Bentonite** 2520' Chacra 2620' **Cliff House** 3682' 3742' Menefee Point Lookout 4354' Mancos 4558' Gallup 5425' Greenhorn 6353' Graneros 6415' Dakota 6450'

SUMMARY OF POROUS ZONES (Show all important zones of porosity and contents thereof, cored intervals, and all