FORM 3160-4 (July 1992) **UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT** WELL COMPLETION OR RECOMPLETION REPOR GAS WELL X 1a. TYPE OF WORK

1b. TYPE OF WELL

NEW X

Elm Ridge Resources

At top prod. Interval reported below

15. DATE SPUDDED 16. DATE T.D. REACHED

(6642' - 6708')

26. TYPE ELECTRIC AND OTHER LOGS RUN

CASING SIZE/GRADE

8 5/8"

4 1/2"

2. NAME OF OPERATOR

At total depth

9-22-04

Dakota

23

29.

SIZE

33.*
DATE FIRST PRODUCTION

DATE OF TEST

6-23-05

6-23-05

50

35. LIST OF ATTACHMENTS

36. I hereby certify tha

SIGNED

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

FLOW, TUBING PRESS

20. TOTAL DEPTH, MD & TVD

WORK

PO Box 156, Bloomfield, NM 87413

DEEPEN

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requi

10-9-04

TVD 6922'

TOP (MD)

24

250

CASING PRESSURE

31. PERFORATION RECORD (Interval, size and number) INTERVAL

6642' - 6708'

1085' FSL X 1260' FEL

21. PLUG BACK T.D., MD & TVD

WEIGHT, LB./FT.

24# 10.5#

LINER RECORD

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pu

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

			i	1					
UNITED STATES ARTMENT OF THE INTERIOR				SUBMIT IN DUPLICATE* (See other instructions ons reverse side)		FORM APPROVED OMB NO. 1004-0137 Expires: February 28, 1995 5. LEASE DESIGNATION AND SERIAL NO.			
N OR	RECOM	IPLETION	REPORT	AND LOG*	ļ. (6. IF INDIAN,	Jicar		
L []	GAS WELL			QEIVED		7. UNIT AGRI			
LL []	WELL			MILGION I	. 771				
EN	PLUG BACK	DIFF RESVR.	Oth	Other		8. FARM OR LEASE NAME, WELL NO.			
			ANT 113	177		Jicarilla A	Apache No.	B -10-E	
			- 1 CON	30-039-29285 10. FIELD AND POOL OR V			VII DCAT		
87413 learly and in accordance with any State requirements.*)				Allo Sune Sol			HIC Bosin &		
FSL X 12		f: 1	-1	7		/-	d Basin Dakota		
FOL A IA	200 FEL		1 3 - Aria, , , 123	and the S			11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA		
			Q11.			Sec,20-T24N-R5W			
	14. PERMIT	NO.	DATE ISSUE	DY L. L.		12. COUNTY (13. STATE	
1,2,5		n		(DD DVD DE CO DE		Rio .	Arriba	NM	
17. D/		Ready to prod.) 2 3- 05	l l	(DF, RKB, RT, GR, ETC 655	c.)• <i>GL</i>			19. ELEV. CASINGHEAD	
BACK T.D., MI		22. IF MULTIPLE	COMPL.,	23. INTERVALS		TARY TOOLS		CABLE TOOLS	
MD		HOW MANY	, 2	DRILLED BY	X				
ETIONTOP, B	OTTOM, NAM	IE (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE NA	
Spectral Density, High Resolution Induction log.								27. WAS WELL CORED NA	
	CASI	NG RECORD (Rep	ort all strings set i						
		TH SET (MD)	9,1,3,5		MENT, CEMENTING RECORD		AMOUNT PULLED		
24#		374'	12-1/4"			dard cement to surfaces cement to surface			
0.5#	 	6988'	7 7/8"	2135 SKS	s ceme	ent to sur	race		
	 								
LINER REC	ORD			30.		TUBING RE	CORD		
ВОТТОМ (МД)		SACKS CEMENT*	SCREEN (MD)) SIZE	1	DEPTH SET (MD)		PACKER SET (MD)	
				2 3/8"		6842'		NA	
,				A GIP GEOGRA	D 4 6755				
number) SIZE NUMBER			32. DEPTH II	32. ACID, SHOT, FRACTI			JRE, CEMENT SQUEEZE, ETC. AMOUNT AND KIND OF MATERIAL USED		
.38		176				500 gal. 7 1/2% HCL w/ additives			
		770	- 3012			106,257 gal. Delta 200 foamed			
						1452 sks of 20/40 Brady Sand			
CTION METHO	D (Floring as	s lift, pumpingsize and	PRODUCTION				WELL STA		
OTION METHO	Uriowing, ga						TUS (Producing or shut-in) Producing		
ED CHO	KE SIZE	PROD'N. FOR	OWING OILBBLS.	GASMCF.		WATERBBL		GAS-OIL RATIO	
	3/4"	TEST PERIOD	0	950		0		o	
	CULATED	OIL-BBL.	GASMCI		WATER		OIL GRAVI	TY-API (CORR.)	
24-H	OUR RATE	0		950		0			
ed, etc.)						TEST WITNE			
FIO	wed to a	tmoshpere	····			L	Johnny	Angel	

Production Technician TITLE

e Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001,

mation is complete and correct as determined from all available records

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palyman in this second

DATE

7/15/2005

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 ξQΤ BOTTOM DESCRIPTION, CONTENTS, ETC. Gallup 38. Dakota Graneros Greenhorn Mancos Point Lookout Mesaverde **Huerfanito Bentonite** Fruitland Kirtland Ojo Alamo **Nacimiento** San Jose **Pictured Cliffs** Lewis Shale NAME GEOLOGIC MARKERS MEAS, DEPTH Surface 2120^o 2289^o 2374^o 2374^o 2628^o 3783^o 4400^o 4750^o 5485^o 6503' 6445 1942' 1784 1204' VERT. DEPTH TRUE