FORM 3160-4 (July 1992)

SUBMIT IN DUPLICATE* FORM APPROVED

(See other in-structions ons reverse side)

OMB NO. 1004-0137

Expires: February 28, 1995

UNITED STATES									
EPARTMENT OF THE INTERIOR									
DUDEAU OF LAND MANAGEMENT									

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT								5 LEASE DESIGNATION AND SERIAL NO. NM-51013		
a. TYPE OF WORI	ĸ	OIL WELL	GAS WELI	X DRY	Other		أ	7. UNIT AGR		CVD DEC 14'0
b. TYPE OF WELL	Ĺ							N/A	· P	(OAD DEATH A
NEW X	WORK [DEEPEN	PLUC		JEO EN)	8 FARM OR	LEASE NAME	E, WELL NO
. NAME OF OPERATO	OVER {		BACI	RESVRICE	代 ご に Moner	/4/ land Free				OIL CONS. DIV
								Bisti Coa		
Elm Ridge Ex					DEC 11	2007				DIST. 3
			_				. F	30-045-3		VILDCAT
Po Box 156 B	loomfie	eld NM 8741	and in accordance w	rith any State requirem	and jand	Manageme	m			
	EFF (Keh	on locations clearly	and in accordance w	F	armington F	iela Omce	-	Basin Fruitland Coal		
At Surface				1857' FSL x 1	920' FWL		- (II. SEC, T, R	R, M., OR BLC	OCK AND SURVEY
at top prod. Interval i	reported be	elow					l	OR AREA		
							l	k 000 20	D TOEN	D10\N
t total depth			14. PERMI	T NO	DATE ISSUED			k sec. 28		13 STATE
			14.1 CAM		J IGGGED	DATE ISSUED		12 COUNTY OR PARISH San Juan		NM
5. DATE SPUDDED	16 DATE 1	D REACHED	17. DATE COMPL	(Ready to prod.)	18 ELEVATIONS (F	of, RKB, RT, GR, ETG	L c.)•	Curi		19 ELEV. CASINGHEAD
11-02-02	l .	11-05-02		2-6-07	63.		GL)	
0 TOTAL DEPTH, ME	D & TVD	21. PLUG BACK	T D., MD & TVD	22. IF MULTIPL	E COMPL.,	23 INTERVALS	ROT	ARY TOOLS	L	CABLE TOOLS
1279' мр		TVD 1235' N	ID .	HOW MANY	•	DRILLED BY	$ _{x}$			
4 PRODUCING INTE										25. WAS DIRECTIONAL
4 TRODUCING IIVIE	K 171L(3), C	i ins compens	1-101, BOTTOM, 10						[SURVEY MADE
	1082	' - 1122' Fruit	land Coal							
									1	
6 TYPE ELECTRIC A	NDOTHER	LOGS RUN								27. WAS WELL CORED
6 TYPE ELECTRIC A	NDOTHER		Density, higi	h Resolution In	duction Log,	CBL LOG			ľ	27. WAS WELL CORED
	ND OTHER			Resolution In						27. WAS WELL CORED
			CAS			vell)	MENT, CEN	MENTING REG		
3.	/GRADE	Spectral	CAS	SING RECORD (Rep	ort all strings set in v	TOP OF CE	 	MENTING REG		27. WAS WELL CORED AMOUNT PULLED
	/grade 1-55	Spectral weight, i	CAS B./FT. DEI	SING RECORD (Rep PTH SET (MD)	ort all strings set in P HOLE SIZE	TOP OF CE	0 sks s		CORD	
3. Casing size/ 8 5/8" J	/grade 1-55	Spectral weight, 1	CAS B./FT. DEI	SING RECORD (Rep PTH SET (MD) 88.53' kb	ort all strings set in P HOLE SIZE 12 1/4	TOP OF CE	0 sks s	surface	CORD	
3. Casing size/ 8 5/8" J	/grade 1-55	Spectral weight, 1	CAS B./FT. DEI	SING RECORD (Rep PTH SET (MD) 88.53' kb	ort all strings set in P HOLE SIZE 12 1/4	TOP OF CE	0 sks s	surface	CORD	
3. Casing size/ 8 5/8" J	/grade 1-55	Spectral	CAS B./FT. DEI	SING RECORD (Rep PTH SET (MD) 88.53' kb	ort all strings set in P HOLE SIZE 12 1/4	TOP OF CE	0 sks s sks pr	surface	CORD	
3. Casing size/ 8 5/8" J	/GRADE 1-55 1-55	Spectral	CAI .B./FT. DEI 13 # 1	SING RECORD (Rep PTH SET (MD) 88.53' kb	ort all strings set in P HOLE SIZE 12 1/4	rell) TOP OF CEP 11 340	0 sks s sks pr	surface oduction	CORD	
3. CASING SIZE/ 8 5/8" J 4 1/2" J	/GRADE 1-55 1-55	Spectral WEIGHT, I 24# 11.6	CAI BJFT. DEI 13 # 1 RRECORD	SING RECORD (Rep PTH SET (MD) 18.53' kb 279.17'	ort all strings set in n HOLE SIZE 12 1/4 7 7/8	70P OF CEP 11 340	0 sks s sks pr	surface oduction	CORD	AMOUNT PULLED
3. CASING SIZE/ 8 5/8" J 4 1/2" J	/GRADE 1-55 1-55	Spectral WEIGHT, I 24# 11.6	CAI BJFT. DEI 13 # 1 RRECORD	SING RECORD (Rep PTH SET (MD) 18.53' kb 279.17'	ort all strings set in n HOLE SIZE 12 1/4 7 7/8	70P OF CER 11: 340 30 SIZE	0 sks s sks pr	Surface oduction rubing re epth set (M	CORD	AMOUNT PULLED
3. CASING SIZE/ 8 5/8" J 4 1/2" J 9. SIZE	GRADE 1-55 1-55	Spectral WEIGHT, I 24# 11.6 LINE	CA: B/FT. DEI 13 # 1 R RECORD BOTTOM (MD)	SING RECORD (Rep PTH SET (MD) 18.53' kb 279.17'	ort all strings set in n HOLE SIZE 12 1/4 7 7/8	70P OF CER 11: 340 30 SIZE	0 sks s sks pn	oduction TUBING RE	CORD	PACKER SET (MD)
3. CASING SIZE/ 8 5/8" J 4 1/2" J 9. SIZE 1. PERFORATION R	GRADE 1-55 1-55	Spectral WEIGHT, I 24# 11.6 LINE OP (MD)	CA: B/FT. DEI 13 # 1 R RECORD BOTTOM (MD)	SING RECORD (Rep PTH SET (MD) 18.53' kb 279.17'	ort all strings set in w HOLE SIZE 12 1/4 7 7/8 SCREEN (MD)	30 SIZE 2 3/8"	O sks s	Surface oduction TUBING RE EPTH SET (M 1060'	CORD CORD T SQUEEZE	PACKER SET (MD)
3. CASING SIZE/ 8 5/8" J 4 1/2" J 9. SIZE 1. PERFORATION RE	GRADE 1-55 1-55 1-ECORD (INTERVAL	Spectral WEIGHT, I 24# 11.6 LINE OP (MD)	CA: BJFT. DEI 13 # 1 R RECORD BOTTOM (MD)	SING RECORD (Rep PTH SET (MD) 18.53' kb 279.17' SACKS CEMENT*	ort all strings set in w HOLE SIZE 12 1/4 7 7/8 SCREEN (MD)	340 30 SIZE 2 3/8" ACID, SHOT, FI	O sks s sks pro D	SURFACE ODUCTION TUBING RE EPTH SET (M 1060' LE, CEMENT MOUNT AND	CORD CORD CORD T SQUEEZE, KIND OF M.	PACKER SET (MD)
3. CASING SIZE/ 8 5/8" J 4 1/2" J 9. SIZE 1. PERFORATION RE	GRADE 1-55 1-55 1-ECORD (INTERVAL	Spectral WEIGHT, I 24# 11.6 LINE OP (MD)	CA: B-FT. DEI 13 # 1 R RECORD BOTTOM (MD) er) SIZE	SING RECORD (Rep PTH SET (MD) 88.53' kb 279.17' SACKS CEMENT*	ort all strings set in w HOLE SIZE 12 1/4 7 7/8 SCREEN (MD) 32. DEPTH INT	340 30 SIZE 2 3/8" ACID, SHOT, FI	O sks s sks pn D	SURFACE ODUCTION TUBING RE EPTH SET (M 1060' EE, CEMENT MOUNT AND O gallon of	CORD CORD CORD CORD CORD CORD CORD CORD	PACKER SET (MD) E, ETC. ATERIAL USED
3. CASING SIZE/ 8 5/8" J 4 1/2" J 9. SIZE 1. PERFORATION RE	GRADE 1-55 1-55 1-ECORD (INTERVAL	Spectral WEIGHT, I 24# 11.6 LINE OP (MD)	CA: B-FT. DEI 13 # 1 R RECORD BOTTOM (MD) er) SIZE	SING RECORD (Rep PTH SET (MD) 88.53' kb 279.17' SACKS CEMENT*	ort all strings set in w HOLE SIZE 12 1/4 7 7/8 SCREEN (MD) 32. DEPTH INT	340 30 SIZE 2 3/8" ACID, SHOT, FI	O sks s sks pm	SURFACE ODUCTION FUBING REPTH SET (M 1060' E, CEMENT MOUNT AND 0 gallon of '4 gallons C	CORD CCORD T SQUEEZE KIND OF M. 7 1/2% HC Delta 140 fo	PACKER SET (MD) 2. ETC. ATERIAL USED L, with additives.
3. CASING SIZE/ 8 5/8" J 4 1/2" J 9. SIZE 1. PERFORATION RE	GRADE 1-55 1-55 1-ECORD (INTERVAL	Spectral WEIGHT, I 24# 11.6 LINE OP (MD)	CA: B-FT. DEI 13 # 1 R RECORD BOTTOM (MD) er) SIZE	SING RECORD (Rep PTH SET (MD) 88.53' kb 279.17' SACKS CEMENT*	ort all strings set in w HOLE SIZE 12 1/4 7 7/8 SCREEN (MD) 32. DEPTH INT	340 30 SIZE 2 3/8" ACID, SHOT, FI	O sks s sks pm	SURFACE ODUCTION FUBING REPTH SET (M 1060' E, CEMENT MOUNT AND 0 gallon of '4 gallons C	CORD CCORD T SQUEEZE KIND OF M. 7 1/2% HC Delta 140 fo	PACKER SET (MD) E, ETC. ATERIAL USED L, with additives. Damed 70Q fluid,
3. CASING SIZE/ 8 5/8" J 4 1/2" J 9. SIZE 1. PERFORATION R INT 1082' - 1122	GRADE 1-55 1-55 1-ECORD (INTERVAL	Spectral WEIGHT, I 24# 11.6 LINE OP (MD)	CA: B-FT. DEI 13 # 1 R RECORD BOTTOM (MD) er) SIZE	SING RECORD (Rep PTH SET (MD) 88.53' kb 279.17' SACKS CEMENT* NUMBER 88	ort all strings set in w HOLE SIZE 12 1/4 7 7/8 SCREEN (MD) 32. DEPTH INT	340 30 SIZE 2 3/8" ACID, SHOT, FI	O sks s sks pm	SURFACE ODUCTION FUBING REPTH SET (M 1060' E, CEMENT MOUNT AND 0 gallon of '4 gallons C	CORD CCORD T SQUEEZE KIND OF M. 7 1/2% HC Delta 140 fo	PACKER SET (MD) E, ETC. ATERIAL USED L, with additives. Damed 70Q fluid,
3. CASING SIZE/ 8 5/8" J 4 1/2" J 3. SIZE 1. PERFORATION R INT 1082' - 1122	GRADE 1-55 1-55 1-ECORD (III TERVAL 2' Fruit	Spectral WEIGHT, I 24# 11.6 LINE COP (MD) Sterval, size and number	CALBUTT. DEI # 13 # 1 R RECORD BOTTOM (MD) er) SIZE .38	SING RECORD (Rep PTH SET (MD) 88.53' kb 279.17' SACKS CEMENT* NUMBER 88	ort all strings set in a HOLE SIZE 12 1/4 7 7/8 SCREEN (MD) 32. DEPTH INT 1082'-	TOP OF CEI 111 340 30 SIZE 2 3/8" ACID, SHOT, FI ERVAL (MD) - 1122'	O sks s sks pn D RACTUR AN 3,320 25,77 722 s	SURFACE ODUCTION FUBING REPTH SET (M 1060' E, CEMENT MOUNT AND 0 gallon of '4 gallons C	CORD CORD CORD T SQUEEZE KIND OF MA 7 1/2% HC Delta 140 fo rady sand c	PACKER SET (MD) E, ETC. ATERIAL USED L, with additives. Damed 70Q fluid,
3. CASING SIZE/ 8 5/8" J 4 1/2" J 9. SIZE 1. PERFORATION RI 1082' - 1122 3.* DATE FIRST PR 12-6-0	GRADE 1-55 1-55 ECORD (INTERVALE) 2' Fruits	Spectral WEIGHT, I 24# 11.6 LINE OP (MD) Interval, size and number Hand Coal	CALBUTT. DEI # 13 # 1 R RECORD BOTTOM (MD) SIZE .38	SING RECORD (Report ST (MD) (R	ort all strings set in a HOLE SIZE 12 1/4 7 7/8 SCREEN (MD) 32. DEPTH INTI 1082' -	TOP OF CEP 11 340 30 SIZE 2 3/8" ACID, SHOT, FI ERVAL (MD) 1122' d type of pump)	0 sks s sks pri	SURFACE ODUCTION FUBING REPTH SET (M 1060' E, CEMENT MOUNT AND 0 gallon of '4 gallons C	CORD CORD	PACKER SET (MD) E, ETC. ATERIAL USED L, with additives. Demed 70Q fluid, Coated w/ SWNT. S (Producing or shu
3. CASING SIZE/ 8 5/8" J 4 1/2" J 9. SIZE 1. PERFORATION RE INT 1082' - 1122 33.* DATE FIRST PR	GRADE 1-55 1-55 ECORD (INTERVALE) 2' Fruits	Spectral WEIGHT, I 24# 11.6 LINE OP (MD) Interval, size and number Hand Coal	CALBUTT. DEI # 13 # 1 R RECORD BOTTOM (MD) SIZE .38	SING RECORD (Report ST (MD) (R	ort all strings set in a HOLE SIZE 12 1/4 7 7/8 SCREEN (MD) 32. DEPTH INTI 1082' -	TOP OF CEI 111 340 30 SIZE 2 3/8" ACID, SHOT, FI ERVAL (MD) - 1122'	0 sks s sks pri	SURFACE ODUCTION FUBING REPTH SET (M 1060' E, CEMENT MOUNT AND 0 gallon of '4 gallons C	CORD CORD	PACKER SET (MD) E, ETC. ATERIAL USED L, with additives. Damed 70Q fluid, Coaled W/ SWNT.
3. CASING SIZE 8 5/8" J 4 1/2" J 9. SIZE 1. PERFORATION RI 1082' - 1122 3.* DATE FIRST PR 12-6-0	GRADE 1-55 1-55 ECORD (INTERVALE) 2' Fruits	Spectral WEIGHT, I 24# 11.6 LINE OP (MD) Interval, size and number Hand Coal	CALBUTT. DEI # 13 # 1 R RECORD BOTTOM (MD) SIZE .38	SING RECORD (Report ST (MD) (R	ort all strings set in a HOLE SIZE 12 1/4 7 7/8 SCREEN (MD) 32. DEPTH INTI 1082' -	TOP OF CEP 11 340 30 SIZE 2 3/8" ACID, SHOT, FI ERVAL (MD) 1122' d type of pump)	0 sks s sks pri	SURFACE ODUCTION TUBING RE EPTH SET (M 1060' LE, CEMEN' MOUNT AND O gallon of '4 gallons C ks 20/40 B	CORD CORD	PACKER SET (MD) E, ETC. ATERIAL USED L, with additives. Demed 70Q fluid, Coated w/ SWNT. S (Producing or shu
3. CASING SIZE 8 5/8" J 4 1/2" J 9. SIZE 1. PERFORATION RI INT 1082' - 1122 3.* DATE FIRST PR 12-6-0 DATE OF TEST 12-6-07	GRADE 1-55 1-55 ECORD (In TERVAL 2' Fruits	Spectral WEIGHT, I 24# 11.6 LINE TOP (MD) LINE TOP (MD) HOURS TESTE 15	CA: BJFT. DEI 13 # 1 R RECORD BOTTOM (MD) er) SIZE .38 FION METHOD ED CHOKE SIZI 1/2 SUCALCULATI	SING RECORD (Reports SET (MD) 28.53' kb 279.17' SACKS CEMENT* NUMBER 88 (Flowing, gas lift, ff PROD'N. FOITEST PERIO	ort all strings set in a HOLE SIZE 12 1/4 7 7/8 SCREEN (MD) 32. DEPTH INTI 1082' -	TOP OF CEI 11 340 30 SIZE 2 3/8" ACID, SHOT, FI ERVAL (MD) 11122' d type of pump) GASMCF.	0 sks s sks pn	SURFACE ODUCTION TUBING REPTH SET (M 1060' LE, CEMEN' MOUNT AND 0 gallon of 14 gallons C ks 20/40 Br	CORD CORD T SQUEEZE KIND OF MA 7 1/2% HC Delta 140 for rady sand c	PACKER SET (MD) E, ETC. ATERIAL USED L, with additives. Demed 70Q fluid, Coated w/ SWNT. S (Producing or shu
3. CASING SIZE/ 8 5/8" J 4 1/2" J 9. SIZE 1. PERFORATION R. INT 1082' - 1122 3.* AATE FIRST PR 12-6-07 PLOW. TUBING	GRADE 1-55 1-55 ECORD (In TERVAL 2' Fruits	Spectral WEIGHT, I 24# 11.6 LINE TOP (MD) LINE TOP (MD) HOURS TESTE 15	CA: BJFT. DEI 13 # 1 R RECORD BOTTOM (MD) er) SIZE .38	SING RECORD (Reports SET (MD) 28.53' kb 279.17' SACKS CEMENT* NUMBER 88 (Flowing, gas lift, ff PROD'N. FOITEST PERIO	ort all strings set in a HOLE SIZE 12 1/4 7 7/8 SCREEN (MD) 32. DEPTH INTI 1082'- PRODUCTION pumpingsize an owing OILBBLS.	TOP OF CEI 11 340 30 SIZE 2 3/8" ACID, SHOT, FI ERVAL (MD) 11122' d type of pump) GASMCF.	0 sks s sks pn	SURFACE ODUCTION TUBING RE REPTH SET (M 1069' LE, CEMEN' MOUNT AND 0 gallon of 14 gallons C ks 20/40 B	CORD CORD T SQUEEZE KIND OF MA 7 1/2% HC Delta 140 for rady sand c	PACKER SET (MD) E, ETC. ATERIAL USED L, with additives. Barned 70Q fluid, Coated w/ SWNT. S (Producing or shi Shut in GAS-OIL RATIO
3. CASING SIZE/ 8 5/8" J 4 1/2" J 9. SIZE 1. PERFORATION R. INT 1082' - 1122 3.* DATE FIRST PR 12-6-07 CLOW. TUBING 15 psi	GRADE 1-55 1-55 ECORD (In TERVAL 2' Fruits CODUCT 77	Spectral WEIGHT, I 24# 11.6 LINE COP (MD) Interval, size and number and Coal HOURS TESTE 15 CASING PRES 70 psi	CA. BJFT. DEI # 1 R RECORD BOTTOM (MD) er) SIZE .38 FION METHOD CD CHOKE SIZI 24-HOUR RA	SING RECORD (Report SET (MD) 188.53' kb 279.17' SACKS CEMENT* NUMBER 88 161. 162. 163. 164.	ort all strings set in a HOLE SIZE 12 1/4 7 7/8 SCREEN (MD) 32. DEPTH INTI 1082'- PRODUCTION pumpingsize an owing OILBBLS.	TOP OF CEI 11 340 30 SIZE 2 3/8" ACID, SHOT, FI ERVAL (MD) 11122' d type of pump) GASMCF.	0 sks s sks pn D RACTUR AN 3,320 25,77 722 s	GUIFACE ODUCTION FUBING RE EPTH SET (M 1060' E, CEMEN MOUNT AND 0 gallon of 4 gallons C ks 20/40 Bi WATER- ER-BBL.	CORD CORD T SQUEEZE KIND OF MA 7 1/2% HC Delta 140 for rady sand c	PACKER SET (MD) E, ETC. ATERIAL USED L, with additives. amed 70Q fluid, coated w/ SWNT. S (Producing or shi Shut in GAS-OIL RATIO
3. CASING SIZE 8 5/8" J 4 1/2" J 9. SIZE 1. PERFORATION R: INT 1082' - 1122 3.* DATE FIRST PR 12-6-07 FLOW. TUBING	GRADE 1-55 1-55 ECORD (In TERVAL 2' Fruits CODUCT 77	Spectral WEIGHT, I 24# 11.6 LINE COP (MD) Interval, size and number and Coal HOURS TESTE 15 CASING PRES 70 psi	CA. BJFT. DEI # 1 R RECORD BOTTOM (MD) er) SIZE .38 FION METHOD CD CHOKE SIZI 24-HOUR RA	SING RECORD (Report SET (MD) 188.53' kb 279.17' SACKS CEMENT* NUMBER 88 161. 162. 163. 164.	ort all strings set in a HOLE SIZE 12 1/4 7 7/8 SCREEN (MD) 32. DEPTH INTI 1082'- PRODUCTION pumpingsize an owing OILBBLS.	TOP OF CEI 11 340 30 SIZE 2 3/8" ACID, SHOT, FI ERVAL (MD) 11122' d type of pump) GASMCF.	0 sks s sks pn D RACTUR AN 3,320 25,77 722 s	GUIFACE ODUCTION FUBING RE EPTH SET (M 1060' E, CEMEN MOUNT AND 0 gallon of 4 gallons C ks 20/40 Bi WATER- ER-BBL.	CORD CORD CORD CORD CORD CORD CORD CORD	PACKER SET (MD) E, ETC. ATERIAL USED L, with additives. Pamed 70Q fluid, Poated w/ SWNT. S (Producing or shi Shut in GAS-OIL RATIO VITY-API (CORR

Production Assistant

DATE 12/10/2007

PARMINITON, PIELD OFFICE

Elm Ridge Exploration CO LLC completed this well as follows:

11-27-07: MIRU hole size is 7.7/8" pressure tested on 11-28-07 to 2500 PSI, tested ok.

11-29-07: Perf 64 holes .38 diameter with 4 spf. Fruitland from 1106'-1122'. Perf 24 holes, fruitland from 1039' - 1041' - 1054' - 1056' -1061' - 1063' - 1080' - 1082'. Started acid job, pumped 850 gallons of 7 ½% HCL and additives.

12-3-07: Frac down 4 ½" csg to 1000 gallons of 7 ½% HF acid with additives, 25774 gallons of Delta 140 foamed 70Q fluid. Pumped 722 sks of 20/40 Brady sand coated with SWNT.

12-6-07: 2 3/8" NC landed at 1080' flow well for 15 hours, FTP 15 PSI on 1/2" choke. 180 MCF/day rate of gas.

12-11-07: RD and move off of location.

H

sprovide PT on most casing

37.1 SUMMARY OF POROUS ZONES: (Showall 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 воттом DESCRIPTION, CONTENTS, ETC. TOP NAME TRUE MEAS. DEPTH Nacimiento Surface VERT. DEPTH Ojo Alamo 63' Fruitland Coal 867'