Form 3160-4 (October 1990)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR RECEIVE

S	UBI	MIT I	N DUPLICATE
_		:	(See other in-
		* 1	almostana an

FOR APPROVED OMB NO 1004-0137

	110.		•	••
Expires:	Dece	mber	31.	199

	Expires:	Decer	nber	31.	199
				_	_
- A C E	DECIGNA	TION	$\Delta N \cap$	25	₽IA

ELL C		RO	JREAU OF LAND	MANAGEMENT	. 00	. , 1	SF-04701	17A
	OMPLE	TION OR R	FCOMPLE	TION REP	RTAND	FRGS. 1 ,	6. IF INDIAN, ALLC	OTTEE OR TRIBE NAME
TYPE OF		OIL	GAS IVI	DRY Other	9.3000	1		
. TIPE OI	***************************************	WETT [	WELL	DRY Other	matika	INGTON, NM	7. UNIT AGREEME	ENT NAME
TYPE OF	COMPLETIC	N:			070 FATIN	HAM.		S MANS MELL NO
	NEW X	WORK DEEP-	PLUG BACK	DIFF. RESVR Other			8. FARM OR LEAS	SE NAME, WELL NO.
	Merr [	OVER EN _		_			Angel Pea	ak #18R
NAME OF	OPERATOR		<del></del>				9. API WELL NO.	
		RESOURCES O	IL & GAS COMP	ANY			30-045-29	
ADDRESS	S AND TELE	PHONE NO.				El Minn.	11111	OOL, OR WILDCAT
PO	BOX 4289	, Farmington, NM		326-9700	<u>;;;}(f</u>	215 11 M 12		LUTZ PICTURED CLIFFS
At surface		5' FSL, 1080' FW		e with any State req	110000	AUB 1 3 1999 COMO	OR AREA	
At total de	epth				, \$	Canada.		
			14	PERMIT NO.	DATE ISSUE		12. COUNTY OR	13. STATE
			'	1		1 ***	PARISH	l
					L		San Juar	New Mexico  19. ELEV. CASINGHEAD
5. DATE SPU	JDDED 16.	DATÉ T.D. RÉACHED	1	MPL. (Ready to prod.)		18. ELEVATIONS (DF. F		19. ELEV. CASINGHEAD
4-4-99		4-5-99	4-22-9		OMBI	5762' GL, 57 23. INTERVALS	ROTARY TOOLS	CABLE TOOLS
). TOTAL DE	EPTH, MD &TV	D 21. PLUG, B	ACK T.D., MD &TVD	HOW M		DRILLED BY	1.017417 1.0022	
2054'		2044		1			0-2054'	
PRODUC	TION INTERVA		ETION-TOP, BOTTOM	M, NAME (MD AND TV	D)*			IRECTIONAL
							SURV	EY MADE
	1905' Pictu						127, WAS WELL CO	RED
6. TYPE ELE GR/CCI		THER LOGS RUN					No	
				CASING RECORD (	Report all strings	s set in well)		
8. CASING SIZ	TENORADE I	WEIGHT, LB./FT.	DEPTH SET (MD)			MENT, CEMENTING REC	CORD	AMOUNT PULLED
5 1/2	LEIGRADE	15.5#	133'	7 7/8	59 cu ft			
2 7/8		6.5#	2054'	4 3/4	367 cu ft			
					<u> </u>		TI IDING BE	CORD
9.		LINER RE			30.	DEPTH SET	TUBING REC	PACKER SET (MD)
0.75	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET	(MD)	THORIZA OLI (IIII)
SIZE	1							
SIZE	<del> </del>		ļ	<del></del>	<del>                                     </del>			
	ATION RECOR	D (Interval, size and no	imber)	32.	ACI	ID, SHOT, FRACTURE	E, CEMENT SQUE	EZE, ETC.
PERFOR		(Interval, size and not		32. DEPTH INTE		AMO	OUNT AND KIND OF	MATERIAL USED
PERFOR.	1864,1866,	1868,1873,1875,1				AMO 235 bbl 30# linear	OUNT AND KIND OF r gel, 85,000# 16	MATERIAL USED
PERFOR.	1864,1866,			DEPTH INTE		AMO	OUNT AND KIND OF r gel, 85,000# 16	MATERIAL USED
PERFOR.	1864,1866,	1868,1873,1875,1		DEPTH INTE		AMO 235 bbl 30# linear	OUNT AND KIND OF r gel, 85,000# 16	MATERIAL USED
PERFOR.	1864,1866,	1868,1873,1875,1		DEPTH INTE		AMO 235 bbl 30# linear	OUNT AND KIND OF r gel, 85,000# 16	MATERIAL USED
PERFOR. 357,1859, 885,1889,	1864,1866,	1868,1873,1875,1		DEPTH INTE 1857-1905'		AMO 235 bbl 30# linear	OUNT AND KIND OF gel, 85,000#16. N2	MATERIAL USED /30 AZ snd
PERFOR. 857,1859, 885,1889,	1864,1866,	1868,1873,1875,1 1897,1903,1905	1877,1881,1883,	DEPTH INTE 1857-1905'	ERVAL (MD)	235 bbl 30# linear 205,025 SCF	OUNT AND KIND OF r gel, 85,000# 16. N2	MATERIAL USED
PERFOR, 357,1859, 385,1889, 33.	1864,1866, 1892,1894,	1868,1873,1875,1 1897,1903,1905	1877,1881,1883,	DEPTH INTE 1857-1905'	ERVAL (MD)	235 bbl 30# linear 205,025 SCF	OUNT AND KIND OF get, 85,000# 16. N2	MATERIAL USED /30 AZ snd  ATUS (Producing or snut-in)
PERFOR. 357,1859, 385,1889, 385,1889, 375,1889,	1864,1866, 1892,1894,	1868,1873,1875,1 1897,1903,1905	1877,1881,1883, JCHON METHOD (FIO	DEPTH INTE 1857-1905'  1857-1905'  PEWING, gas IIII, pumping- Flowing ROD'N FOR OIL-6	RODUCTION  Size and type of p	235 bbl 30# linear 205,025 SCF	OUNT AND KIND OF r gel, 85,000# 16. N2	MATERIAL USED /30 AZ snd
PERFOR. 857,1859, 885,1889, 33. ATE FIRST P -22-99 ATE OF TES	1864,1866, 1892,1894,	1868,1873,1875,1 1897,1903,1905	1877,1881,1883, JCHON METHOD (FIO	DEPTH INTE 1857-1905'  PERMING, gas IIII, pumping- Flowing	RODUCTION  Size and type of p	235 bbl 30# linear 205,025 SCF 205,025 SCF	OUNT AND KIND OF get, 85,000# 16. N2	MATERIAL USED /30 AZ snd  ATUS (Producing or snut-in)
PERFOR. 357,1859, 385,1889, 33. ATE FIRST P. -22-99 ATE OF TES	1864,1866, 1892,1894,	1868,1873,1875,1 1897,1903,1905 PRODU	CHOKE SIZE PF	DEPTH INTE 1857-1905'  1857-1905'  PEWING, gas IIII, pumping- Flowing ROD'N FOR OIL-6	RODUCTION  Size and type of p	235 bbl 30# linear 205,025 SCF 205,025 SCF 205,025 SCF	OUNT AND KIND OF r gel, 85,000# 16. N2  WELL STA SI WATER-BBL	MATERIAL USED /30 AZ snd  ATUS (Producing or shut-in)
PERFOR. 357,1859, 385,1889, 33. ATE FIRST P. -22-99 ATE OF TES	1864,1866, 1892,1894,	1868,1873,1875,1 1897,1903,1905	CHOKE SIZE PF	DEPTH INTE  1857-1905'  PEWING, gas IIII, pumping- Flowing ROD'N FOR OIL-18 EST PERIOD	RODUČTION  Size and type of p	235 bbl 30# linear 205,025 SCF 205,025 SCF 205,025 SCF	OUNT AND KIND OF r gel, 85,000# 16. N2  WELL STA SI WATER-BBL	MATERIAL USED /30 AZ snd  ATUS (Producing or shut-in)
PERFOR. 157,1859, 185,1889, 185,1899	1864,1866, 1892,1894, PRODUCTION T	1868,1873,1875,1 1897,1903,1905 PRODU THOURS TESTED CASING PRESSURE	CHOKE SIZE PF TE CALCULATED 24-HOUR RATE	DEPTH INTE  1857-1905'  PEWING, gas IIII, pumping- Flowing ROD'N FOR OIL-18 EST PERIOD	RODUČTION  Size and type of p	235 bbl 30# linear 205,025 SCF 205,025 SCF 205,025 SCF	OUNT AND KIND OF r gel, 85,000# 16. N2 WELL STA SI WATER-BBL	MATERIAL USED /30 AZ SINI  ATUS (Producing of Shur-In)  GAS-OIL RATIO  OIL GRAVITY-API (CORE
PERFOR. 357,1859, 385,1889, 33. ATE FIRST P -22-99 ATE OF TES -22-99 OW. TUBING	1864,1866, 1892,1894, PRODUCTION T	PRODU  HOURS TESTED  CASING PRESSURE  SI 56 (Sold, Used for fuel, ve.)	CHOKE SIZE PF TE CALCULATED 24-HOUR RATE	DEPTH INTE  1857-1905'  PEWING, gas IIII, pumping- Flowing ROD'N FOR OIL-18 EST PERIOD	RODUČTION  Size and type of p	235 bbl 30# linear 205,025 SCF 205,025 SCF 205,025 SCF	OUNT AND KIND OF r gel, 85,000# 16. N2 WELL STA SI WATER-BBL	MATERIAL USED /30 AZ snd  ATUS (Producing or snut-in)
PERFOR. 857,1859, 885,1889, 33. ATE FIRST P -22-99 ATE OF TES -22-99 OW. TUBING	1864,1866, 1892,1894, PRODUCTION IT	PRODU  HOURS TESTED  CASING PRESSURE  SI 56 (Sold, Used for fue), ve	CHOKE SIZE PF TE CALCULATED 24-HOUR RATE	DEPTH INTE  1857-1905'  PEWING, gas IIII, pumping- Flowing ROD'N FOR OIL-18 EST PERIOD	RODUČTION  Size and type of p	235 bbl 30# linear 205,025 SCF 205,025 SCF 205,025 SCF	OUNT AND KIND OF r gel, 85,000# 16. N2 WELL STA SI WATER-BBL	MATERIAL USED /30 AZ SINI ATUS (Producing or Shut-In)  GAS-OIL RATIO  OIL GRAVITY-API (CORE
PERFOR. 357,1859, 385,1889, 33. ATE FIRST P -22-99 ATE OF TES -22-99 OW. TUBING	1864,1866, 1892,1894, PRODUCTION T	PRODU  HOURS TESTED  CASING PRESSURE  SI 56 (Sold, used for fue), ve To be sold	CHOKE SIZE PF TE CALCULATED 24-HOUR RATE	DEPTH INTE  1857-1905'  PEWING, gas IIII, pumping- Flowing ROD'N FOR OIL-18 EST PERIOD	RODUČTION  Size and type of p	235 bbl 30# linear 205,025 SCF 205,025 SCF 205,025 SCF	OUNT AND KIND OF r gel, 85,000# 16. N2 WELL STA SI WATER-BBL	MATERIAL USED /30 AZ SINI  ATUS (Producing of Shur-In)  GAS-OIL RATIO  OIL GRAVITY-API (CORE
PERFOR. 857,1859, 885,1889, 33. ATE FIRST P -22-99 ATE OF TES -22-99 LOW. TUBING	1864,1866, 1892,1894, PRODUCTION T G PRESS.	PRODU  HOURS TESTED  CASING PRESSURE SI 56 Sold, Used for fuel, ve To be sold  S None	CHOKE SIZE  CALCULATED  24-HOUR RATE  MIGG, etc.)	DEPTH INTE  1857-1905'  PF  wing, gas iiii, pumping- Flowing  ROD'N FOR OIL-6  EST PERIOD  OIL-BBL	RODUCTION  —size and type of p  BBL  GAS—MCF	235 bbl 30# linear 205,025 SCF 205,025 SCF 205,025 SCF 205,025 SCF 205,025 SCF 205,025 SCF 205,025 SCF	OUNT AND KIND OF r gel, 85,000# 16. N2  WELL STA SI WATER-BBL  BBL	MATERIAL USED /30 AZ SINI  ATUS (Producing or Silut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORF
PERFOR. 357,1859, 385,1889, 35, 1889, 36, 1887 P. 22-99 36, DISPOSI	1864,1866, 1892,1894, PRODUCTION T G PRESS.	PRODU  HOURS TESTED  CASING PRESSURE  SI 56 Sold, Used for fuel, ve To be sold  S  None foregoing and attached	CHOKE SIZE  CALCULATED  24-HOUR RATE  Anied, etc.)	DEPTH INTE  1857-1905'  PEWING, gas IIII, pumping- Flowing ROD'N FOR OIL-18 EST PERIOD	RODUCTION —size and type of p  BBL  GAS—MCF	235 bbl 30# linear 205,025 SCF 205,025 SCF 205,025 SCF 205,025 SCF 205,025 SCF 205,025 SCF 205,025 SCF	OUNT AND KIND OF r gel, 85,000# 16. N2  WELL STA SI WATER-BBL  BBL	MATERIAL USED /30 AZ SINI  ATUS (Producing of Shur-In)  GAS-OIL RATIO  OIL GRAVITY-API (CORE

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

FARMINGTON FIELD OFFICE

SUMMARY OF POROU drill-stem, tests, inclu recoveries):	18 ZONES: (St Iding depth in	tow all important a terval tested, cusi	ervels; and all pressures, and	38. GEO	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTESTA, ETC.	NAMB	TOP MEAS, DEPTH	P TRUE VERT. DEPTH
_					_	
Ojo Alamo	724	860'	White, cr-gr ss.			
Kirtland	860	1596'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	1596'	1854'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo Kirtland Fruitland	724' 860' 1596'	
Pictured Cliffs	1854'	2054 '	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	1854'	
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