Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other in-

FOR APPROVED OMB NO. 1004-0137

Expires: December 31, 1991

	Exbites, December 31, 1991
١.	LEASE DESIGNATION AND SERIAL NO.
	SE_078135

ELL CO							6. IF INDIAN, ALLOTTE	E OD TOIGE NAME
~	OMPLE	TION OR R	ECOMPLE	TION REPO	ORT AND	LOG*	6. IF INDIAN, ACCOUNT	E OR TRIBE NAME
TYPE OF V		OIL	GAS X	DRY : Other	و د المحمد و مدسود و محمد المحمد المح	provides or the contract		
		WELL [WELL [2.4]				7. UNIT AGREEMENT	
TYPE OF C	COMPLETION	N:		-			Huerfanito Ui 8. FARM OR LEASE N	
		WORK DEEP-	PLUG BACK	DIFF. RESVR Other				
			<u> </u>		1		9, API WELL NO.	nit #70R
	OPERATOR			14)	医密色		30-045-2943	e
		RESOURCES OIL	L & GAS COMPA	NY M	HIN 3 C	1957 5	10. FIELD AND POOL.	
	AND TELEP		(EOE)		JUN 3	, 1·2·5·	Ballard Pictu	
PO	BOX 4289,	Farmington, NM 8	3/499 (505)	326-9700	imments >	ve count		R BLOCK AND SURVEY
At surface	1610	report localion clean, D'FNL, 1645'FEL,	y and in accordance	with any State requi		ši., 12311V.	OR AREA	
					Dis			
At top prod	d. interval rep	orted below			to ten	. j. j C.		
444-4-1				TX-265	5		Sec. 10, T-26	5-N, R-9-W
At total de	pin			, 17, 200	•			
			14.	PERMIT NO.	DATE ISSUED		12. COUNTY OR	13. STATE
				ļ			PARISH San luan	New Mexico
		A	47 0175 001	D) /Post to smd \	<u> </u>	18. ELEVATIONS (DF. F	San Juan RKB, RT, BR, ETC.)*	19. ELEV. CASINGHEAD
DATE SPUI 4-10-97		DATE T.D. REACHED 4-12-97	17. DATE CON 6-6-97	IPL. (Ready to prod.)		6293 GR, 63		
	PTH, MD &TV		ACK T.D., MD &TVD	22. IF MULTIPLE CO	OMPL.,	23. INTERVALS	ROTARY TOOLS	CABLE TOOLS
				HOW M		DRILLED BY	lo agos	1
2296				<u> </u>			0-2296 25. WAS DIRE	CTIONAL
PRODUCT	TION INTERVA	L (S) OF THIS COMPLE	TION-TOP, BOTTOM	NAME (MD AND TVD))*		SURVEY	
2007-20	90 Pictured	Cliffs						
		THER LOGS RUN					27. WAS WELL CORED)
HRI, SD	DUDSN						No	
				CASING RECORD	(Report all strings	set in well) ENT, CEMENTING REC	CORD	AMOUNT PULLED
ASING SIZ	E/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	12 1/4	149 cu.ft.	ENT, CEMENTING REC	JOND	
8 5/8 3 1/2		9.2# & 7.7#	135 2290	6 1/4	664 cu.ft.			
3 1/2		3.2# G. 7.7#	2230	0 114				
					 			
		LINER RE	CORD		30.		TUBING RECOR	
SIZE	TOP (MD)	LINER RE	ECORD SACKS CEMENT*	SCREEN (MD)	30. SIZE	DEPTH SE		RD PACKER SET (MD)
SIZE	TOP (MD)			SCREEN (MD)		DEPTH SE		
		BOTTOM (MD)	SACKS CEMENT*		SIZE		T (MD)	PACKER SET (MD)
PERFORA	ATION RECOR	BOTTOM (MD) D (Interval. size and nu	SACKS CEMENT*	SCREEN (MD) 32. DEPTH INTI	SIZE	ID, SHOT, FRACTUR	T (MD) E, CEMENT SQUEEZE	PACKER SET (MD) E, ETC. TERIAL USED
PERFORA 7, 2010,	ATION RECOR., 2014, 2017	BOTTOM (MD) D (Interval. size and nu.7, 2022, 2025, 202	SACKS CEMENT* mber) 28, 2043, 2047,	32.	SIZE	ID, SHOT, FRACTUR AN 296 bbl 25# linear	T (MD)	PACKER SET (MD) E, ETC. TERIAL USED
PERFORA 7, 2010,	ATION RECOR., 2014, 2017	BOTTOM (MD) D (Interval. size and nu	SACKS CEMENT* mber) 28, 2043, 2047,	32. DEPTH INTI	SIZE	ID, SHOT, FRACTUR	T (MD) E, CEMENT SQUEEZE	PACKER SET (MD) E, ETC. TERIAL USED
PERFORA 7, 2010,	ATION RECOR., 2014, 2017	BOTTOM (MD) D (Interval. size and nu.7, 2022, 2025, 202	SACKS CEMENT* mber) 28, 2043, 2047,	32. DEPTH INTI	SIZE	ID, SHOT, FRACTUR AN 296 bbl 25# linear	T (MD) E, CEMENT SQUEEZE	PACKER SET (MD) E, ETC. TERIAL USED O Ariz sd
PERFORA 07, 2010, 50, 2058,	ATION RECOR., 2014, 2017	BOTTOM (MD) D (Interval. size and nu.7, 2022, 2025, 202	SACKS CEMENT* mber) 28, 2043, 2047,	32. DEPTH INTI 2007-2090	AC ERVAL (MD)	ID, SHOT, FRACTUR AN 296 bbl 25# linear	T (MD) E, CEMENT SQUEEZE	PACKER SET (MD) E, ETC. TERIAL USED O Ariz Sd
PERFORA 07, 2010, 50, 2058,	ATION RECOR., 2014, 2017	BOTTOM (MD) D (Interval. size and nu.7, 2022, 2025, 2026, 2071, 2076, 208	SACKS CEMENT* mber) 28, 2043, 2047, 30, 2084, 2090	32. DEPTH INTI 2007-2090	ACC ERVAL (MD)	ID, SHOT, FRACTUR AN 296 bbl 25# lineal 381,000 SCF N2	EE, CEMENT SQUEEZE IOUNT AND KIND OF MA r gel, 107,000# 20/4	PACKER SET (MD) E, ETC. TERIAL USED O Ariz Sd
PERFORA 07, 2010, 50, 2058,	ATION RECOR , 2014, 2017 , 2062, 2066	BOTTOM (MD) D (Interval. size and nu.7, 2022, 2025, 2026, 2071, 2076, 208	SACKS CEMENT* mber 28, 2043, 2047, 30, 2084, 2090	32. DEPTH INTI 2007-2090 Pering, gas lift, pumping-	ACCERVAL (MD) PRODUCTION Size and type of put	iD, SHOT, FRACTUR AN 296 bbl 25# linear 381,000 SCF N2	EE, CEMENT SQUEEZE IOUNT AND KIND OF MA r gel, 107,000# 20/4	PACKER SET (MD) E, ETC. TERIAL USED D Ariz sd S (Producing or shull-in)
PERFORA 07, 2010, 50, 2058, TE FIRST PI 6-6-97	ATION RECOR . 2014, 2017 , 2062, 2066	BOTTOM (MD) D (Interval. size and nu.7, 2022, 2025, 2026, 2071, 2076, 208	### SACKS CEMENT* ### (28, 2043, 2047, 30, 2084, 2090) CTION METHOD (Flowing) [CHOKE SIZE PI	32. DEPTH INTI 2007-2090 Pering, gas lift, pumping-	ACCERVAL (MD) PRODUCTION Size and type of put	ID, SHOT, FRACTUR AN 296 bbl 25# lineal 381,000 SCF N2	EE, CEMENT SQUEEZE IOUNT AND KIND OF MA r gel, 107,000# 20/4	PACKER SET (MD) E, ETC. TERIAL USED D Ariz sd S (Producing or shull-in)
PERFORA 07, 2010, 50, 2058, 3. TE FIRST PI 6-6-97 TE OF TEST	ATION RECOR . 2014, 2017 , 2062, 2066	BOTTOM (MD) D (Interval. size and nu 7, 2022, 2025, 2026, 2071, 2076, 208	### SACKS CEMENT* ### (28, 2043, 2047, 30, 2084, 2090) CTION METHOD (Flowing) [CHOKE SIZE PI	DEPTH INTI 2007-2090 Paing, gas lift, pumping-	ACCERVAL (MD) PRODUCTION Size and type of put	iD, SHOT, FRACTUR AN 296 bbl 25# linear 381,000 SCF N2	E. CEMENT SQUEEZE IOUNT AND KIND OF MA r gel, 107,000# 20/4	PACKER SET (MD) E, ETC. TERIAL USED O Ariz Sd S (Producing or shul-in) GAS-OIL RATIO*
PERFORA 77, 2010, 50, 2058, 3. TE FIRST PI 6-6-97 TE OF TEST	ATION RECOR , 2014, 2017 , 2062, 2066	BOTTOM (MD) D (Interval. size and nu 7, 2022, 2025, 2026, 2071, 2076, 208	SACKS CEMENT* mber	32. DEPTH INTI 2007-2090 Pering, gas lift, pumping-	ACCERVAL (MD) PRODUCTION Size and type of put	ID, SHOT, FRACTUR AN 296 bbl 25# linear 381,000 SCF N2 mp) GAS-MCF	E. CEMENT SQUEEZE IOUNT AND KIND OF MA' r gel, 107,000# 20/40 WELL STATU SI WATER-BBL	PACKER SET (MD) E, ETC. TERIAL USED D Ariz sd S (Producing or shull-in)
PERFORA 77, 2010, 50, 2058, TE FIRST PI 6-6-97 TE OF TEST	ATION RECOR , 2014, 2017 , 2062, 2066	BOTTOM (MD) D (Interval. size and nu 7, 2022, 2025, 2026, 2071, 2076, 208 PRODU HOURS TESTED CASING PRESSURE	SACKS CEMENT* mber	32. DEPTH INTI 2007-2090 Paring, gas lift, pumping- ROD'N FOR OIL— EST PERIOD	ACERVAL (MD) PRODUCTION Size and type of put BBL	ID, SHOT, FRACTUR AM 296 bbl 25# linear 381,000 SCF N2 mp) GAS-MCF 799 Pitot Gauge	E. CEMENT SQUEEZE IOUNT AND KIND OF MA' r gel, 107,000# 20/40 WELL STATU SI WATER-BBL	PACKER SET (MD) E. ETC. TERIAL USED D. Ariz sd S (Producing or shut-in)
PERFORA 07, 2010, 50, 2058, 3. TE FIRST PI 6-6-97 TE OF TEST 6-6-97 OW. TUBINO	ATION RECOR 2014, 2017, 2062, 2066 RODUCTION	BOTTOM (MD) D (Interval. size and nu 7, 2022, 2025, 2026, 2071, 2076, 208 PRODU HOURS TESTED CASING PRESSURE SI 120	SACKS CEMENT* 28, 2043, 2047, 30, 2084, 2090 CTION METHOD (Flowing) CHOKE SIZE CALCULATED 24-HOUR RATE	32. DEPTH INTI 2007-2090 Paring, gas lift, pumping- ROD'N FOR OIL— EST PERIOD	ACERVAL (MD) PRODUCTION Size and type of put BBL	ID, SHOT, FRACTUR AM 296 bbl 25# linear 381,000 SCF N2 mp) GAS-MCF 799 Pitot Gauge	E. CEMENT SQUEEZE IOUNT AND KIND OF MA' r gel, 107,000# 20/40 WELL STATU SI WATER-BBL	PACKER SET (MD) E, ETC. TERIAL USED D Ariz sd S (Producing or shut-in) GAS-OIL RATIO' OIL GRAVITY-API (CORR
PERFORA 77, 2010, 50, 2058, TE FIRST PI 6-6-97 TE OF TEST 6-6-97 W. TUBINO	ATION RECOR 2014, 2017, 2062, 2066 RODUCTION	BOTTOM (MD) D (Interval. size and nu 7, 2022, 2025, 202 8, 2071, 2076, 208 PRODU HOURS TESTED CASING PRESSURE SI 120 (Sold, used for fuel. ver	SACKS CEMENT* 28, 2043, 2047, 30, 2084, 2090 CTION METHOD (Flowing) CHOKE SIZE CALCULATED 24-HOUR RATE	32. DEPTH INTI 2007-2090 Pering, gas lift, pumping-	ACERVAL (MD) PRODUCTION Size and type of put BBL	ID, SHOT, FRACTUR AM 296 bbl 25# linear 381,000 SCF N2 mp) GAS-MCF 799 Pitot Gauge	WELL STATU SI WATER-BBL	PACKER SET (MD) E, ETC. TERIAL USED D Ariz sd S (Producing or shut-in) GAS-OIL RATIO' OIL GRAVITY-API (CORR
PERFORA 07, 2010, 50, 2058, 3. TE FIRST PI 6-6-97 TE OF TEST 6-6-97 TW. TUBINO	ATION RECOR 2014, 2017, 2062, 2066 RODUCTION	PRODU HOURS TESTED CASING PRESSURE SI 120 (Sold, used for fuel, ver	SACKS CEMENT* 28, 2043, 2047, 30, 2084, 2090 CTION METHOD (Flowing) CHOKE SIZE CALCULATED 24-HOUR RATE	32. DEPTH INTI 2007-2090 Pering, gas lift, pumping-	ACERVAL (MD) PRODUCTION Size and type of put BBL	ID, SHOT, FRACTUR AM 296 bbl 25# linear 381,000 SCF N2 mp) GAS-MCF 799 Pitot Gauge	WELL STATU SI WATER-BBL	PACKER SET (MD) E, ETC. TERIAL USED D Ariz sd S (Producing or shut-in) GAS-OIL RATIO' OIL GRAVITY-API (CORR
PERFORA 07, 2010, 50, 2058, 3. TE FIRST PI 6-6-97 TE OF TEST 6-6-97 OW. TUBINO 4. DISPOSIT	ATION RECOR 2014, 2017 , 2062, 2066 RODUCTION T G PRESS. ATTACHMENT	PRODU CASING PRESSURE SI 120 (Sold, used for fuel, ver To be sold None	SACKS CEMENT* (28, 2043, 2047, 30, 2084, 2090) CTION METHOD (Flowing) CHOKE SIZE CALCULATED 24-HOUR RATE inted. etc.)	DEPTH INTI 2007-2090 Paing, gas lift, pumping- ROD'N FOR OIL— EST PERIOD OIL—BBL	ACERVAL (MD) PRODUCTION Size and type of put BBL GAS—MCF	iD, SHOT, FRACTUR AM 296 bbl 25# linear 381,000 SCF N2 mp) GAS-MCF 799 Pitot Gauge WATER-	WELL STATU SI WATER-BBL	PACKER SET (MD) E, ETC. TERIAL USED D Ariz sd S (Producing or shut-in) GAS-OIL RATIO' OIL GRAVITY-API (CORR
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*(See Instructions 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 of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

1263' 1312' White, cr. 1312' 1802' Gry sh in! 1802' 2006' Dk gry-gr) med gry, ti iffs 2006' 2296' Bn-Gry, fi	drill-stem, tests, inclu recoveries):	ding depth in	terval tested, cus	drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	38. GEO	GEOLOGIC MARKERS	
Mhite, cr-gr ss. 1312' 1802' Gry sh interbedded w/tight, gry, fine-gr ss. 1802' 2006' Dk gry-gry carb sh, coal, grn silts, light- Nirtland med gry, tight, fine gr ss. 2006' 2296' Bn-Gry, fine grn, tight ss. Mhite, cr-gr ss. 1312' ss. 1263' Alamo 1263' Fruitland 1302' Fruitland 1802' Pic.Cliffs 2006' 2006'	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME.	TO MEAS. DEPTH	TRUE
1363' 1312' White, cr-gr ss. 1312' 1802' Gry sh interbedded w/tight, gry, fine-gr ss. 1802' 2006' Dk gry-gry carb sh, coal, grn silts, light- ojo Alamo med gry, tight, fine gr ss. 2006' 2296' Bn-Gry, fine grn, tight ss. Pruitland 1802' Fruitland 2006' 2006'							VERT. DEPIN
Dk gry-gry carb sh. coal, grn silts, light- Ojo Alamo 1263; med gry, tight, fine gr ss. 2006' Z296' Bn-Gry, fine grn, tight ss. Bn-Gry, fine qrn, tight ss. Pic.Cliffs 2006' 2006'	Ojo Alamo	1263 '	1312'	cr-gr			_
1802' 2006' Dk gry-gry carb sh, coal, grn silts, light- Ojo Alamo 1263' med gry, tight, fine gr ss. Kirtland 1312' Fruitland 1802' Pic.Cliffs 2006' 2296' Pic.Cliffs 2006'	Kirtland	1312'	1802'	<pre>sh interbedded w/tight, gry,</pre>			
2006' 2296' Bn-Gry, fine grn, tight ss. Pruitland 1802' Pic.Cliffs 2006'	Fruitland	1802'	2006'	ry carb sh, coal, grn sil tight, fine gr ss.	Ojo Alamo Kirtland	1263' 1312'	
	Pictured Cliffs	2006'	2296'	fine grn, tight	Fruitland Pic.Cliffs		