Form 3160-4 (October 1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*
(See other Instructions on reverse side)

FOR APPROVED OMB NO. 1004-0137

	Expires: December 31, 1991
Ò.	LEASE DESIGNATION AND SERIAL NO.
	NM-0764

VELL COMP							/	
	PLETION OR	RECOMPLE	TION REP	ORT AND	LOG*	6. IF INDIAN ALLOTT	EE OR TRIBE NAME	
1a. TYPE OF WELL:	ÖIL	GAS 🔽	DRY Other	·····		, .		
	MEIT	WELL [	LJoner .		<u> </u>	7. UNIT AGREEMENT	NAME	
b. TYPE OF COMPL								
NEW WELL	X WORK DEEP-	PLUG BACK	DIFF. RESVR Other			8. FARM OR LEASE I	NAME, WELL NO.	
•	_					Knauff #4R		
2. NAME OF OPERA	ATOR					9. API WELL NO.		
BURLINGTON RESOURCES OIL & GAS COMPANY						30-045-30060		
B. ADDRESS AND T		07400 <del></del>	326 0700			10. FIELD AND POOL, OR WILDCAT  Fulcher Kutz Pictured Cliffs		
	289, Farmington, NM ELL ( <i>Report location c</i> t			auirements)*		11. SEC., T., R., M., OR BLOCK AND SURVEY		
	1850 FSL, 1590 P.VVL			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		OR AREA		
	$\mathcal{L}^{\gamma}$	<b>્ર</b> ે.		REVISED				
At top prod, intervi	al reported below	JUL Drag	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -		ļ	Sec.31, T-28	I-N, R-10-W	
At total depth	/Sie	7						
At total depth	P 7.							
	fer?	14.	PERMIT NO.	DATE ISSUE	D	12. COUNTY OR	13. STATE	
	E.T.	W 14 1 2				PARIS =	Now Movies	
5 DATE SPIIDDED	16. DATE T.D. REACHE	Ω [17. DATE COM	PL. (Ready to prod.)	<u> </u>	18. ELEVATIONS (DF, R	San Juan KB RT BR ETC.)*	New Mexico  19. ELEV, CASINGHEAD	
2-25-00	2-26-00	3-6-00		•	5904'GL / 5914		CEET, GRONDHEND	
0. TOTAL DEPTH, MD		BACK T.D. MD &TVD			23. INTERVALS	ROTARY TOOLS	CABLE TOOLS	
			HOW M	IANY*	DRILLED BY		1	
2045'	ERVAL (S) OF THIS COMP	DI ETION TOD BOTTOM	NAME (MD AND T	VD)*		0-2045' 25. WAS DIRE	CTIONAL	
4. PRODUCTION INTE	ERVAL (S) OF THIS COMP	PLE HON-TOP, BOTTOM	, NAME (MU AND I)	VD)-		SURVEY I		
1829-1881' Pict							No	
	ND OTHER LOGS RUN	***************************************				27. WAS WELL COREC		
GR-CCL	· · · · · · · · · · · · · · · · · · ·		ACINO DECORR	/Deport : # = f=' : :	a ant in wall?		No	
8. CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	ASING RECORD (		ENT, CEMENTING RECO	NRD 7	AMOUNT PULLED	
7"	20#	145'	8 3/4	TOP OF OLE	54 cu ft			
3 1/2"	9.3#	2045'	6 1/4"		609 cu ft			
	LINER	ECOPD	L	20		TURING RECOR	מס	
	LINER R		SCREEN (MD)	30. SIZE	DEPTH SET	TUBING RECOR	· · · · · · · · · · · · · · · · · · ·	
9 SIZE TOP (I		ECORD SACKS CEMENT	SCREEN (MD)	30. SIZE 1 3/4" coil	DEPTH SET (		RD PACKER SET (MD)	
SIZE TOP (I	MD) BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE			· · · · · · · · · · · · · · · · · · ·	
SIZE TOP (I	MD) BOTTOM (MD)  CORD (Interval, size and i	SACKS CEMENT*	32.	SIZE 1 3/4" coil	1829' D, SHOT, FRACTURE,	MD) F	PACKER SET (MD)	
SIZE TOP (I  PERFORATION RE 329, 1831, 1834, 18	MD) BOTTOM (MD)  CORD (Interval, size and 1837, 1829, 1843, 1846)	SACKS CEMENT*	32. DEPTH INTE	SIZE 1 3/4" coil ACI ERVAL (MD)	D, SHOT, FRACTURE,	MD) F	PACKER SET (MD)  E, ETC.  TERIAL USED	
SIZE TOP (I  PERFORATION RE 329, 1831, 1834, 18	MD) BOTTOM (MD)  CORD (Interval, size and 1837, 1829, 1843, 1846)	SACKS CEMENT*	32.	SIZE 1 3/4" coil ACI ERVAL (MD)	D, SHOT, FRACTURE,	MD) F	PACKER SET (MD)	
SIZE TOP (I  PERFORATION RE 329, 1831, 1834, 18	MD) BOTTOM (MD)  CORD (Interval, size and 1837, 1829, 1843, 1846)	SACKS CEMENT*	32. DEPTH INTE	SIZE 1 3/4" coil ACI ERVAL (MD)	D, SHOT, FRACTURE,	MD) F	PACKER SET (MD)  E, ETC.  TERIAL USED	
SIZE TOP (I PERFORATION RE 29, 1831, 1834, 18	MD) BOTTOM (MD)  CORD (Interval, size and 1837, 1829, 1843, 1846)	SACKS CEMENT*	32. DEPTH INTE	SIZE 1 3/4" coil ACI ERVAL (MD)	D, SHOT, FRACTURE,	MD) F	PACKER SET (MD)  E, ETC.  TERIAL USED	
SIZE TOP (I PERFORATION RE 129, 1831, 1834, 18	MD) BOTTOM (MD)  CORD (Interval, size and 1837, 1829, 1843, 1846)	SACKS CEMENT*	32 DEPTH INTE 1829-188	SIZE 1 3/4" coil  ACI ERVAL (MD) 31'	D, SHOT, FRACTURE,	MD) F	PACKER SET (MD)  E, ETC.  TERIAL USED	
PERFORATION RE 329, 1831, 1834, 1858, 1860, 1865, 18	MD) BOTTOM (MD)  CORD (Interval, size and r 837, 1829, 1843, 1844 869, 1873, 1881	SACKS CEMENT*  number)  5, 1851, 1856,	32 DEPTH INTE 1829-188	SIZE 1 3/4" coil  ACI ERVAL (MD) 31'	1829' D, SHOT, FRACTURE, AMOU 175,000# 20/40 Brai	MD) F CEMENT SQUEEZE JINT AND KIND OF MAT dy snd, 444 bbl 20#	E, ETC. FERIAL USED Inr gel, 390,463 SCF N2	
PERFORATION RE 329, 1831, 1834, 18358, 1860, 1865, 18	MD) BOTTOM (MD)  CORD (Interval, size and r 837, 1829, 1843, 1844 869, 1873, 1881	SACKS CEMENT*	32. DEPTH INTE 1829-188	SIZE 1 3/4" coil  ACI ERVAL (MD) 31'	1829' D, SHOT, FRACTURE, AMOU 175,000# 20/40 Brai	MD) F CEMENT SQUEEZE JINT AND KIND OF MAT dy snd, 444 bbl 20#	PACKER SET (MD)  E, ETC.  TERIAL USED	
SIZE TOP (I  PERFORATION RE 829, 1831, 1834, 11 858, 1860, 1865, 11 33.  ATE FIRST PRODUCTI	MD) BOTTOM (MD)  CORD (Interval, size and r 837, 1829, 1843, 1844 869, 1873, 1881	SACKS CEMENT*  number) 6, 1851, 1856,	32 DEPTH INTE 1829-188	SIZE  1 3/4" coil  ACI  ERVAL (MD)  31'  RODUCTION  —size and type of p	1829' D, SHOT, FRACTURE, AMOU 175,000# 20/40 Brai	MD) F CEMENT SQUEEZE JINT AND KIND OF MAT dy snd, 444 bbl 20#	E, ETC. FERIAL USED Inr gel, 390,463 SCF N2	
PERFORATION RE 329, 1831, 1834, 1838, 1860, 1865, 1833.  ATE FIRST PRODUCTION ATE OF TEST	MD) BOTTOM (MD)  CORD (Interval, size and r 837, 1829, 1843, 1840 869, 1873, 1881	SACKS CEMENT*  number) 6, 1851, 1856,  OCTION METHOD (Flow)  CHOKE SIZE PRO	32.  DEPTH INTE  1829-188  Prog. gas lift, purr ping-	SIZE  1 3/4" coil  ACI  ERVAL (MD)  31'  RODUCTION  —size and type of p	1829' D, SHOT, FRACTURE, AMOU 175,000# 20/40 Brad	MD) F CEMENT SQUEEZE JNT AND KIND OF MAT dy snd, 444 bbl 20#	E, ETC.  ERIAL USED Inr gei, 390,463 SCF N2  S (Producing or shut-in)	
PERFORATION RE 329, 1831, 1834, 1838, 1860, 1865, 183.  ATE FIRST PRODUCTION ATE OF TEST 3-6-00	MD) BOTTOM (MD)  CORD (Interval, size and r 837, 1829, 1843, 1844 869, 1873, 1881	SACKS CEMENT*  Dumber) 6, 1851, 1856,  DICTION METHOD (Flow)  CHOKE SIZE PROTES	32.  DEPTH INTE  1829-188  1829-189  pring, gas lift, purr ping- Flowing DIN FOR OIL-I	ACI  RODUCTION  —size and type of p	D, SHOT, FRACTURE, AMOU 175,000# 20/40 Brad	MD) F CEMENT SQUEEZE JINT AND KIND OF MAT dy snd, 444 bbl 20#  WELL STATU: SI WATER-BBL	E, ETC. FERIAL USED Inr gel, 390,463 SCF N2 S (Producing or shut-in)	
PERFORATION RE 129, 1831, 1834, 1838, 1860, 1865, 183.  ATE FIRST PRODUCTION ATE OF TEST 3-6-00	MD) BOTTOM (MD)  CORD (Interval, size and r 837, 1829, 1843, 1844 869, 1873, 1881	SACKS CEMENT*  Dumber) 6, 1851, 1856,  DICTION METHOD (Flow)  CHOKE SIZE PROTES	32.  DEPTH INTE  1829-188  1829-189  PF ng, gås lift, purr ping- Flowing DDN FOR OIL-1	SIZE  1 3/4" coil  ACI  ERVAL (MD)  31'  RODUCTION  —size and type of p	D, SHOT, FRACTURE, AMOU 175,000# 20/40 Brad	MD) F CEMENT SQUEEZE JINT AND KIND OF MAT dy snd, 444 bbl 20#  WELL STATU: SI WATER-BBL	E, ETC.  ERIAL USED Inr gei, 390,463 SCF N2  S (Producing or shut-in)	
PERFORATION RE 129, 1831, 1834, 1858, 1860, 1865, 11858, 1860, 1865, 11858 TE FIRST PRODUCTION TO THE OF TEST  3-6-00 OW. TUBING PRESS.	MD) BOTTOM (MD)  CORD (Interval, size and is 837, 1829, 1843, 1844)  B69, 1873, 1881  ON PRODU  HOURS TESTED  CASING PRESSURE \$152	SACKS CEMENT*  Dumber)  5, 1851, 1856,  CHOKE SIZE PROTES  CALCULATED CALCULA	32.  DEPTH INTE  1829-188  1829-189  pring, gas lift, purr ping- Flowing DIN FOR OIL-I	ACI  RODUCTION  —size and type of p	D, SHOT, FRACTURE, AMOU 175,000# 20/40 Brad  Dump)  GAS-MCF	CEMENT SQUEEZE JINT AND KIND OF MAT dy snd, 444 bbl 20#  WELL STATUS SI  WATER-BBL	S (Producing or shul-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	
PERFORATION RE 329, 1831, 1834, 1838, 1860, 1865, 11358, 1860 TEST 3-6-00 OW. TUBING PRESS.	MD) BOTTOM (MD)  CORD (Interval, size and in 837, 1829, 1843, 1844)  B89, 1873, 1881  ON PRODUCTION OF THE PRODUCTION OF THE STEEL S	SACKS CEMENT*  Dumber)  5, 1851, 1856,  CHOKE SIZE PROTES  CALCULATED CALCULA	32.  DEPTH INTE  1829-188  1829-189  pring, gas lift, purr ping- Flowing DIN FOR OIL-I	ACI ACI ACI ACI RVAL (MD) 31'  RODUCTION —size and type of p	D, SHOT, FRACTURE, AMOU 175,000# 20/40 Brad  Dump)  GAS-MCF	MD) F CEMENT SQUEEZE JINT AND KIND OF MAT dy snd, 444 bbl 20#  WELL STATU: SI WATER-BBL	S (Producing or shul-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	
SIZE TOP (I  PERFORATION RE 829, 1831, 1834, 18 858, 1860, 1865, 11  33. ATE FIRST PRODUCTI  ATE OF TEST  3-6-00  LOW, TUBING PRESS.  SI 52 34. DISPOSITION OF (I	MD) BOTTOM (MD)  CORD (Interval, size and is 837, 1829, 1843, 1844)  B69, 1873, 1881  ON PRODUCTION OF THE CASING PRESSURE SI 52  GAS (Sold, used for fuel, in To be sold	SACKS CEMENT*  Dumber)  5, 1851, 1856,  CHOKE SIZE PROTES  CALCULATED CALCULA	32.  DEPTH INTE  1829-188  1829-189  pring, gas lift, purr ping- Flowing DIN FOR OIL-I	ACI ACI ACI ACI RVAL (MD) 31'  RODUCTION —size and type of p	D, SHOT, FRACTURE, AMOU 175,000# 20/40 Brad  Dump)  GAS-MCF	CEMENT SQUEEZE JINT AND KIND OF MAT dy snd, 444 bbl 20#  WELL STATUS SI  WATER-BBL	S (Producing or shul-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	
SIZE TOP (I	MD) BOTTOM (MD)  CORD (Interval, size and it is is is is is in it is is is is in it is is is in it is is is in it is in it is is in it	SACKS CEMENT*  Dumber)  5, 1851, 1856,  CHOKE SIZE PROTES  CALCULATED CALCULA	32.  DEPTH INTE  1829-188  1829-189  pring, gas lift, purr ping- Flowing DIN FOR OIL-I	ACI ACI ACI ACI RVAL (MD) 31'  RODUCTION —size and type of p	D, SHOT, FRACTURE, AMOU 175,000# 20/40 Brad  Dump)  GAS-MCF	CEMENT SQUEEZE JINT AND KIND OF MAT dy snd, 444 bbl 20#  WELL STATUS SI  WATER-BBL	S (Producing or shul-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	
1 PERFORATION RE 829, 1831, 1834, 18 858, 1860, 1865, 18 33. 33. 34. 35. 36-00 36-00 37. 38-00 38. 39. 39. 39. 39. 39. 39. 39. 39. 39. 39	MD) BOTTOM (MD)  CORD (Interval, size and r 837, 1829, 1843, 1844 869, 1873, 1881  ON PRODU  HOURS TESTED  CASING PRESSURE  SI 52  GAS (Sold, used for fuel, w To be sold  MENTS  None	SACKS CEMENT*  Jumber)  6, 1851, 1856,  CHOKE SIZE PROTES  CALCULATED CALCULA	32.  DEPTH INTE  1829-188  1829-189  pring, gas lift, puri ping- Flowing DN FOR OIL-1 T PERIOD  IL-BBL	ACI ACI ERVAL (MD) 31'  RODUCTION —size and type of p BBL  GAS—MCF	D, SHOT, FRACTURE, AMOU 175,000# 20/40 Brace  DAMPP  GAS-MCF  WATER-B	CEMENT SQUEEZE JINT AND KIND OF MAT dy snd, 444 bbl 20#  WELL STATUS SI  WATER-BBL	S (Producing or shul-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	
33.  33.  34TE FIRST PRODUCTI  3-6-00  LOW, TUBING PRESS.  SI 52  34. DISPOSITION OF 6  35. LIST OF ATTACHM	MD) BOTTOM (MD)  CORD (Interval, size and it is is is is is in it is is is is in it is is is in it is is is in it is in it is is in it	SACKS CEMENT*  Jumber)  6, 1851, 1856,  CHOKE SIZE PROTES  CALCULATED CALCULA	32.  DEPTH INTE  1829-188  1829-189  pring, gas lift, puri ping- Flowing DN FOR OIL-1 T PERIOD  IL-BBL	ACI ACI ERVAL (MD) 31'  RODUCTION —size and type of p BBL  GAS—MCF	D, SHOT, FRACTURE, AMOU 175,000# 20/40 Brace  DAMPP  GAS-MCF  WATER-B	CEMENT SQUEEZE JINT AND KIND OF MAT dy snd, 444 bbl 20#  WELL STATUS SI  WATER-BBL	S (Producing or shul-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	
PERFORATION RE 829, 1831, 1834, 18 858, 1860, 1865, 11 833. ATE FIRST PRODUCTI ATE OF TEST 3-6-00 LOW, TUBING PRESS. SI 52 34. DISPOSITION OF 6	MD) BOTTOM (MD)  CORD (Interval, size and r 837, 1829, 1843, 1844 869, 1873, 1881  ON PRODU  HOURS TESTED  CASING PRESSURE  SI 52  GAS (Sold, used for fuel, w To be sold  MENTS  None	SACKS CEMENT*  Jumber)  6, 1851, 1856,  CHOKE SIZE PROTES  CALCULATED CALCULA	32.  DEPTH INTE  1829-188  1829-189  pring, gas lift, puri ping- Flowing DN FOR OIL-1 T PERIOD  IL-BBL	ACI ACI ACI RVAL (MD) 31' RODUCTION Size and type of p BBL BO Pitot gaug	D, SHOT, FRACTURE, AMOU 175,000# 20/40 Brace  DAMPP  GAS-MCF  WATER-B	CEMENT SQUEEZE JINT AND KIND OF MAT dy snd, 444 bbl 20#  WELL STATUS SI  WATER-BBL	S (Producing or shul-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	

\*(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.

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ω		FORMATION		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 all recoveries).	
White Cr-or ss.		CONTRACT CONTRACTOR CO	DESCRIPTION, COMMENTS, STC.	porosity and contents thereof; cored intervals; and all ed, time tool open, flowing and shut-in pressures, and	
		Z > 1		38.	
	•	MEAS. DEPTH VERT. DEPTH	100	GEOLOGIC MARKERS	

		Pictured Cliffs	Fruitland	Kirtland	Ojo Alamo
		1820'	1312'	886'	7461
-		1820' 2045'	1312' 1820'	886' 1312'	886 '
		Bn-Gry, fine grn, tight as.	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Gry sh interbedded w/tight, gry, fine-gr ss.	White, cr-gr ss.
		Pic.Cliffs	Ojo Alamo Kirtland Fruitland		
	<u> </u>	1820'	746' 886' 1312'		