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
5 LEASE DESIGNATION AND SERIAL NO.

SF-079250

	COMPL	ETION OR	RECOM	PLET	ION REP	ORT AND	LO	G*	6. IF	INDIAN, ALLOTTE	EE OR TRIBE NAME
1a TYPE O	F WELL.	OIL WELI	CAS WELL	X D	RY Other				7		
b TYPE O	F COMPLET	ION.						•	7 0	NIT AGREEMENT San Juan 2	
	NEW Y	WORK DEEP	PLUG		FF CT.	RECE	\mathbf{W}		B F	ARM OR LEASE N	
	WELL	OVER EN	BACK	L K	ESVROther V	Allma Co Barri	H 657 E		1	89F	·
2 NAME C	OF OPERATO	OR .	9 A	9 API WELL NO.							
		ON RESOURCES	1	30-039-30044							
ADDRES	SS AND TEL	EPHONE NO	10. 1	10. FIELD AND POOL, OR WILDCAT							
P	O BOX 428	9, Farmington, N		Basin Dakota							
		L (Report location cl	1	11 SEC., T, R., M, OR BLOCK AND SURVEY OR AREA							
At top or		nit L (NWSW) 160 reported below	Sec 10 T28N R5W, NMPM RCUD NOV 6 '07								
At total d		nit1'(NESE)-194 0	Same as						OIL CONS. DIV.		
/ N 10101 u	- CP1.	(11202) 1010							1		DIST. 3
				14. PE	RMIT NO.	DATE ISSUE	ĒĎ		1	COUNTY OR PARISH	13. STATE
5. DATE SPI	UDDED Its	DATE T.D. REACHE	n 117. DA	TE COMPL.	(Ready to prod)	<u> </u>	18 E	EVATIONS (DF, I	DVB DT	Rio Arriba	New Mexico 19. ELEV. CASINGHEAD
12/3/00		12/12/06		10/24/07			GL	6665'	KB	6677'	[ELLY, CASHOLICAD
	EPTH, MD &T	VD 21. PLUG,	BACK T.D., MD	&TVD 22	2. IF MULTIPLE CO			TERVALS RILLED BY		RYTOOLS	CABLE TOOLS
)77' TION INTERV	AL (S) OF THIS COMP	8070'	OTTOM NAS	ME (MD AND TVD))•			yes	25. WAS DIRECT	TIONAL
		. ,	LE 11014-10F, BC	OTTOM, INAM	AIT (IND VIAD IAD	7				SURVEY MA	
		868' - 8048'		 .						<u> </u>	No
		THER LOGS RUN Log w/Gamn	na Ray Ca	sing C	ollars				27 WA	S WELL CORED	No
3.						(Report all string:					
9 5/8" H		WEIGHT, LB /FT	DEPTH SET 228'		HOLE SIZE TOP OF CEMENT, CEMENTING RECO				AMOUNT PULLED 15 bbls		
3 3 5 5	1-40	32.3#						(232 cf)			DV/41 @ 2000!
		20#	3804	18	3/4"	i surface: 521	SX 11U	78 cf1		4U DDIS	บง เออเ (ฌ งบซบ
7" J-55 4 1/2" L		20# 10.5# 11.6#	3804 8074		3/4" 1/4*	surface; 521 TOC 2750' 30		(620 cf)		40 bbis	DV tool @ 3080'
7" J-55 4 1/2" L	-80	10.5# 11.6# LINER R	8074' ECORD	6	1/4*	TOC 2750' 30 30.		(620 cf)		BING RECORD	
7" J-55 4 1/2" L		10.5# 11.6#	8074	6	1/4" SCREEN (MD)	TOC 2750' 30 30. SIZE	8sx	(620 cf)		BING RECORD	CKER SET (MD)
7" J-55 4 1/2" L	-80	10.5# 11.6# LINER R	8074' ECORD	6	1/4" SCREEN (MD)	TOC 2750' 30 30.	8sx	(620 cf)		BING RECORD	
7" J-55 4 1/2" L SIZE	- 80 TOP (MD)	10.5# 11.6# LINER R	8074' ECORD SACKS CEM	6 MENT* 32.	SCREEN (MD)	TOC 2750' 30 30. SIZE 2-3/8"	D, SHC	(620 cf) DEPTH SET 7962' T. FRACTURE	(MD)	BING RECORD PAC	CKER SET (MD)
7" J-55 4 1/2" L SIZE PERFORA	TOP (MD)	10.5# 11.6# LINER R BOTTOM (MD) D (Interval, size and nu	8074' ECORD SACKS CEM	6 MENT* 32.	1/4" SCREEN (MD)	TOC 2750' 30 30. SIZE 2-3/8"	D, SHC	(620 cf) DEPTH SET 7962' OT, FRACTURE ead 10 bbis 1	(MD) , CEMEI	BING RECORD PAG NT SQUEEZE, E L Acid, pump	CKER SET (MD)
7" J-55 4 1/2" L SIZE PERFORA 2SPF 34' - 804	- 80 TOP (MD)	10.5# 11.6# LINER R BOTTOM (MD) D (Interval, size and nu	8074' ECORD SACKS CEM	6 MENT* 32.	SCREEN (MD)	TOC 2750' 30 30. SIZE 2-3/8"	D, SHC	(620 cf) DEPTH SET 7962' T. FRACTURE	(MD) , CEMEI	BING RECORD PAG NT SQUEEZE, E L Acid, pump	CKER SET (MD)
7" J-55 4 1/2" L SIZE PERFORA 2SPF 34' - 804 ISPF	TOP (MD) TION RECOR	10.5# 11.6# LINER R BOTTOM (MD) D (Interval, size and null Dles	8074' ECORD SACKS CEM	6 MENT* 32.	SCREEN (MD)	TOC 2750' 30 30. SIZE 2-3/8"	D, SHC	(620 cf) DEPTH SET 7962' OT, FRACTURE ead 10 bbis 1	(MD) , CEMEI	BING RECORD PAG NT SQUEEZE, E L Acid, pump	CKER SET (MD)
7" J-55 4 1/2" L SIZE PERFORA 2SPF 34' - 804 1SPF 68' - 792	TOP (MD) TION RECOR 8' = 66 ho	10.5# 11.6# LINER R BOTTOM (MD) D (Interval, size and null Dles	8074' ECORD SACKS CEM	6 MENT* 32.	SCREEN (MD)	TOC 2750' 30 30. SIZE 2-3/8"	D, SHC	(620 cf) DEPTH SET 7962' OT, FRACTURE ead 10 bbis 1	(MD) , CEMEI	BING RECORD PAG NT SQUEEZE, E L Acid, pump	CKER SET (MD)
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7" J-55 4 1/2" L SIZE PERFORA 2SPF 34' - 804 ISPF 68' - 792 tal Holes	TOP (MD) TION RECOR 18' = 66 hc 16' = 13 hc 5 = 79	10.5# 11.6# LINER R BOTTOM (MD) D (Interval, size and null Dles Dles	8074' ECORD SACKS CEM	32.78	174* SCREEN (MD) 168* - 8048*	30. SIZE 2-3/8" ACI	D, SHC Builh Slick	(620 cf) DEPTH SET 7962' OT, FRACTURE ead 10 bbis 1	(MD) , CEMEI 1 5% HC	BING RECORD PAC NT SQUEEZE, E CL Acid, pump 0 TLC.	TC. sed 99876 gal
PERFORA 2SPF 34' - 804 ISPF 68' - 792 tal Holes	TOP (MD) TION RECOR 8' = 66 hc 6' = 13 hc s = 79	10.5# 11.6# LINER R BOTTOM (MD) D (Interval, size and null Dles Dles	8074' ECORD SACKS CEM	32. 78	SCREEN (MD) 168' - 8048' PRI 158 Witt, pumping—size	30. SIZE 2-3/8**	D, SHC Builh Slick	(620 cf) DEPTH SET 7962' OT, FRACTURE ead 10 bbis 1	(MD) , CEME 5% HC 0# 20/4	BING RECORD PAC NT SQUEEZE, E CL Acid, pump 0 TLC.	CKER SET (MD)
7" J-55 4 1/2" U 9 SIZE PERFORA 2SPF 34' - 804 1SPF 68' - 792 otal Holes	TOP (MD) TION RECOR 88' = 66 hc 66' = 13 hc 5 = 79 ODUCTION W/O on F	10.5# 11.6# LINER R BOTTOM (MD) D (Interval, size and null Dles Dles	8074' ECORD SACKS CEM	32. 78	SCREEN (MD) 1688' - 8048' PRI as lift, pumping – sho	ACI ODUCTION ze and type of pumi	D, SHC Builh Slick	DEPTH SET 7962' OT, FRACTURE ead 10 bbls 1 water w/4000	(MD) , CEME 5% HC 0# 20/4	BING RECORD PAC NT SQUEEZE, E CL Acid, pump 0 TLC. WELL STATUS (P	TC. sed 99876 gal
7" J-55 4 1/2" L SIZE PERFORA 2SPF 34' - 804 1SPF 68' - 792 tal Holes	TOP (MD) TION RECOR 88' = 66 hc 66' = 13 hc 5 = 79 ODUCTION W/O on F	10.5# 11.6# LINER R BOTTOM (MD) D (Interval, size and null Dies Dies PRODUCT acilities	8074' ECORD SACKS CEN mber)	32. 78	SCREEN (MD) 268' - 8048' PRI PRI PRI PRI PRI PRI PRI PRI PRI PR	ACI ODUCTION ze and type of pumi	D, SHC Builh Slick	DEPTH SET 7962' OT, FRACTURE ead 10 bbls 1 water w/4000	(MD) , CEME 5% HC 0# 20/4	BING RECORD PAC NT SQUEEZE, E CL Acid, pump 0 TLC. WELL STATUS (P	TC. ved 99876 gal
9" J-55 4 1/2" L SIZE PERFORA 2SPF 34' - 804 1SPF 68' - 792 tal Holes E FIRST PRC SI E OF TEST	TOP (MD) TOP (MD) TION RECOR 18' = 66 ho 16' = 13 ho 5 = 79	10.5# 11.6# LINER R BOTTOM (MD) D (Interval, size and null ples ples acilities HOURS TESTED	B074' ECORD SACKS CEN There's SACKS CEN CTION METHOD CHOKE SIZE 1/2"	32. 78 O (Flowing, get) PROD'N TEST PE	SCREEN (MD) PROPERTY OF THE P	ACI ODUCTION we and type of pum, 31.	D, SHC Builh Slick	(620 cf) DEPTH SET 7962' OT, FRACTURE ead 10 bbis 1 water w/4000	(MD) , CEME 15% HC 0# 20/4	BING RECORD PAC NT SQUEEZE, E L Acid, pump O TLC. WELL STATUS (P) SI R-BBL	CKER SET (MD) TC. red 99876 gal roducing or shul-in) GAS-OIL RATIO
7" J-55 4 1/2" L SIZE PERFORA 2SPF 34' - 804 ISPF 68' - 792 tal Holes E FIRST PRC SI E OF TEST 10/24/0'	TOP (MD) TOP (MD) TION RECOR 18' = 66 ho 16' = 13 ho 5 = 79	10.5# 11.6# LINER R BOTTOM (MD) D (Interval, size and null Dies Dies PRODUC acilities HOURS TESTED	ECORD SACKS CEM SACKS CEM TO THE	32. 78 32. 78 9 (Flowing, ge	SCREEN (MD) PROPERTY OF THE P	ACI ODUCTION Re and type of pum	D, SHC Bullh Slicky	(620 cf) DEPTH SET 7962' OT, FRACTURE ead 10 bbis 1 water w/4000	(MD) , CEME 15% HC 0# 20/4	BING RECORD PAC NT SQUEEZE, E L Acid, pump O TLC. WELL STATUS (P) SI R-BBL	TC. ved 99876 gal
7" J-55 4 1/2" L SIZE PERFORA SPF 34' - 804 SPF 36' - 792 tal Holes FIRST PRC SIY 10/24/0 V TUBING I	TOP (MD) TOP (MD) TION RECOR 18' = 66 ho 16' = 13 ho 5 = 79	D (Interval, size and null ples product acilities hours tested to a single pressure to a sinclusive to a single pressure to a single pressure to a single pr	B074' ECORD SACKS CEN There's SACKS CEN CTION METHOD CHOKE SIZE 1/2"	32. 78 32. 78 9 (Flowing, ge	SCREEN (MD) 168' - 8048' 168' - 8048' PRIOD BL	ACI ODUCTION Re and type of pump GAS-MCF	D, SHC Bullh Slicky	(620 cf) DEPTH SET 7962' OT, FRACTURE ead 10 bbis 1 water w/4000	(MD) , CEME 15% HC 0# 20/4	BING RECORD PAC NT SQUEEZE, E L Acid, pump O TLC. WELL STATUS (P) SI R-BBL	CKER SET (MD) TC. red 99876 gal roducing or shul-in) GAS-OIL RATIO
7" J-55 4 1/2" L SIZE PERFORA SSPF 34' - 804 ISPF 68' - 792 tal Holes E FIRST PRO SIV TUBING F	TOP (MD) TION RECOR 8' = 66 hc 6' = 13 hc s = 79 ODUCTION W/O on F	10.5# 11.6# LINER R BOTTOM (MD) D (Interval, size and null ples ples acilities HOURS TESTED	B074' ECORD SACKS CEM Mber) CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE	32. 78 32. 78 9 (Flowing, ge	SCREEN (MD) 168' - 8048' 168' - 8048' PRIOD BL	ACI ODUCTION we and type of pum, 31.	D, SHC Bullh Slicky	(620 cf) DEPTH SET 7962' OT, FRACTURE ead 10 bbis 1 water w/4000	(MD) , CEME 15% HC 0# 20/4	BING RECORD PAC NT SQUEEZE, E L Acid, pump O TLC. WELL STATUS (P) SI R-BBL	CKER SET (MD) TC. red 99876 gal roducing or shul-in) GAS-OIL RATIO DIL GRAVITY-API (CORR.)
7" J-55 4 1/2" L SIZE PERFORA SSPF 34' - 804 ISPF 68' - 792 tal Holes E FIRST PRO SIV TUBING F	TOP (MD) TION RECOR 8' = 66 hc 6' = 13 hc s = 79 ODUCTION W/O on F	10.5# 11.6# LINER R BOTTOM (MD) D (Interval, size and null Dles Dles PRODUC acilities HOURS TESTED 1 CASING PRESSURE	B074' ECORD SACKS CEM Mber) CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE	32. 78 32. 78 9 (Flowing, ge	SCREEN (MD) 168' - 8048' 168' - 8048' PRIOD BL	ACI ODUCTION Re and type of pump GAS-MCF	D, SHC Bullh Slicky	(620 cf) DEPTH SET 7962' OT, FRACTURE ead 10 bbis 1 water w/4000	(MD) , CEME 15% HC 0# 20/4	BING RECORD PACE NT SQUEEZE, E CL Acid, pump O TLC. WELL STATUS (P) SI R-BBL	CKER SET (MD) TC. red 99876 gal roducing or shul-in) GAS-OIL RATIO DIL GRAVITY-API (CORR.)
PERFORA 2SPF 34' - 804 ISPF 68' - 792 tal Holes 10/24/0 W TUBING F DISPOSITIO	TOP (MD) TION RECOR 8' = 66 hc 6' = 13 hc s = 79 ODUCTION W/O on F PRESS TACHMENTS	PRODUCTIONS TESTED 1 CASING PRESSURE 707# To be sold	B074' ECORD SACKS CEM Mber) CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE	32. 78 32. 78 9 (Flowing, ge	SCREEN (MD) 168' - 8048' 168' - 8048' PRIOD BL	ACI ODUCTION Re and type of pump GAS-MCF	D, SHC Bullh Slicky	(620 cf) DEPTH SET 7962' OT, FRACTURE ead 10 bbis 1 water w/4000	(MD) , CEME 15% HC 0# 20/4	BING RECORD PACE NT SQUEEZE, E CL Acid, pump O TLC. WELL STATUS (P) SI R-BBL	CKER SET (MD) TC. red 99876 gal roducing or shul-in) GAS-OIL RATIO DIL GRAVITY-API (CORR.)
PERFORM 2SPF 34' - 804 1SPF 68' - 792 otal Holes E FIRST PRO SI' E OF TEST 10/24/0 W TUBING F DISPOSITIO LIST OF AT s will be as	TOP (MD) TION RECOR 8' = 66 hc 6' = 13 hc s = 79 ODUCTION W/O on F PRESS TACHMENTS a stand alo	PRODUCTION (AD) D (Interval, size and null ples ples ples ples ples ples ples pl	B074' ECORD SACKS CEM SACKS CEM CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE 3d, elc.)	MENT* 32. 78 1 (Flowing, gar File PROD'N TEST PE OIL-88	SCREEN (MD) PROPERTY OF THE P	ACI ODUCTION To and type of pump GAS-MCF 163 mcf/d	D, SHCh Bullh Slicks	(620 cf) DEPTH SET 7962' OT, FRACTURE ead 10 bbis 1 water w/4000	(MD) , CEME 15% HC 0# 20/4	BING RECORD PAC NT SQUEEZE, E CL Acid, pump 0 TLC. WELL STATUS (P) SI R-BBL	CKER SET (MD) TC. Ped 99876 gal Poducing or shul-in) GAS-OIL RATIO DIL GRAVITY-API (CORR.)
PERFORM 2SPF 34' - 804 1SPF 68' - 792 tal Holes E FIRST PRO SI' E OF TEST 10/24/0 W TUBING F DISPOSITIO LIST OF AT s will be as	TOP (MD) TION RECOR 8' = 66 he 6' = 13 he s = 79 ODUCTION W/O on F TACHMENTS a stand aloufy that the for	D (Interval, size and numbers) PRODUCT acilities HOURS TESTED 1 CASING PRESSURE 707# To be sold One Daktoa well. egoing and attached interval.	B074' ECORD SACKS CEM Mber) CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE 9d, etc.)	MENT* 32. 78 1 (Flowing, gar File PROD'N TEST PE OIL-88	SCREEN (MD) PROPERTY OF THE P	ACI ODUCTION To and type of pump GAS-MCF 163 mcf/d	D, SHCh Bullh Slicks	(620 cf) DEPTH SET 7962' OT, FRACTURE ead 10 bbis 1 water w/4000	(MD) , CEME 15% HC 0# 20/4	BING RECORD PAC NT SQUEEZE, E CL Acid, pump 0 TLC. WELL STATUS (P) SI R-BBL	CKER SET (MD) TC. Ped 99876 gal Poducing or shul-in) GAS-OIL RATIO DIL GRAVITY-API (CORR.)
PERFORM 2SPF 34' - 804 1SPF 68' - 792 tal Holes FIRST PRO SI' E OF TEST 10/24/0 W TUBING F DISPOSITIO LIST OF AT s will be as	TOP (MD) TION RECOR 8' = 66 he 6' = 13 he s = 79 ODUCTION W/O on F TACHMENTS a stand aloufy that the for	PRODUCTION (AD) D (Interval, size and null ples ples ples ples ples ples ples pl	B074' ECORD SACKS CEM Mber) CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE 9d, etc.)	MENT* 32. 78 PROD'N TEST PE OIL-BI	SCREEN (MD) PROPERTY OF THE P	ACI ODUCTION To and type of pump GAS-MCF 163 mcf/d	D, SHCh Bullh Slicks	DEPTH SET 7962' OT, FRACTURE ead 10 bbis 1 water w/4000 MCF WATER-88	(MD) , CEME 15% HC 0# 20/4	BING RECORD PAC NT SQUEEZE, E CL Acid, pump 0 TLC. WELL STATUS (P) SI R-BBL	CKER SET (MD) TC. red 99876 gal roducing or shul-in) GAS-OIL RATIO DIL GRAVITY-API (CORR.)

Ojo Alamo	2895′	3029'	White, cr-gr ss.	Ojo Alamo	2895′				
Kirtland	3029'	3329'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3029'				
Fruitland	3329′	3584′	Dk gry-gry carb sh, coal, grn silts, light-	Fruitland	3329'				
			med gry, tight, fine gr ss.	· ·					
Pictured Cliffs	3584′	3725′	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3584'				
Lewis	3725′	4232′	Shale w/siltstone stringers	Lewis	3725′				
Huerfanito Bentonite	4232′	4602′	White, waxy chalky bentonite	Huerfanito Bent.	4232′				
Chacra	4602′	5193′	Gry fn grn silty, glauconitic sd stone	Chacra	4602′				
			w/drk gry shale	Mesa Verde	5193′				
Mesa Verde	5193′	5404′	Light gry, med-fine gr ss, carb sh	Menefee	5404'				
			& coal	Point Lookout	5774′				
Menefee	5404′	5774'	Med-dark gry, fine gr ss, carb sh & coal	Mancos	6247′				
Point Lookout	5774'	6247'	Med-light gry, very fine gr ss w/frequent	Gallup	6998′ ,				
			sh breaks in lower part of formation	Greenhorn	7744				
Mancos	6247′	6998′	Dark gry carb sh.	Graneros	7806				
Gallup	6998′	7744'	Lt gry to brn calc carb micac glauc	Dakota	7866				
			silts & very fine gr gry ss w/irreg.interbed sh						
Greenhorn '	7744′	7806′	Highly calc gry sh w/thin lmst.						
Graneros .	7806′	7866′	Dk gry shale, fossil & carb w/pyrite incl.						
Dakota	7866′		Lt to dk gry foss carb sl calc sl silty		-				
•			ss w/pyrite incl thin sh bands clay & shale breaks						
				i					
					•				