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

is on Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO

SF-079192

	JOMPL	ETION OR F	RECOMPLE	ETION REP	ORT AND	LOG	*]	6 IF INDIAN, ALLOTTE		'	
1a. TYPE OF		OIL WELL	GAS X	DRY Other				NMNMM	14120-		
h 7/05 05			MECT 1-1						NAME		
D TYPE OF	COMPLETI	ON. WORK DEEP-	PLUG	DIEE	To Therene "Salt" Printer a	. 49	·	San Jua 8 FARM OR LEASE N	an 28-6 Unit		
	WELL _^	OVER EN	BACK	RESVROther	MAY 2 6	ZU1 0			123N		
2 NAME O	F OPERATO	DR			WIAI & U	2010		9 API WELL NO	12314		
		Resources Oil	& Gas Compar	ny per	andre we can be	e locad	ement		39-30693		
		EPHONE NO. 9, Farmington, N !	# 97400 /FO	5) 326-9700	Farmington F	ield Oi	lice	10 FIELD AND POOL, OR WILDCAT Basin Dakota			
		, Farmington, Nr . (Report location cle			equirements)*				R BLOCK AND SURVEY		
At surface	е А(NENE), 1305' FNI	L & 725' FEL				.	OR AREA RG	W JUN 8 '10		
At top pro		eported below		' FNL & 429' FEL				Sec. 16	, T28N, R6W _ CONS. DIV.		
At total de	epth H (SENE), 2298' FNI	_ & 429' FEL						DIST. 3		
			12	. PERMIT NO.	DATE ISSUE	D		12 COUNTY OR PARISH	13 STATE		
15. DATE SPU	JDDED 16	DATE T D REACHED	117 DATE CO	MPL (Ready to prod.	1	18 FLEV	ATIONS (DE RKI	Rio Arriba B, RT, BR, ETC)*	New Mexico 19 ELEV CASINGHEAD		
01/19/20		01/28/2010		05/06/2010		,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	GL 6708'		TIS ELLY ONGINGHEND		
20. TOTAL DE	PTH, MD &TV	D 21 PLUG, E	BACK T.D., MD.&TVD	22 IF MULTIPLE C	OMPL, MANY*	23. INTER	RVALS F LED BY	ROTARY TOOLS	CABLE TOOLS		
MD 820	7' TVD 80	31' MD 8	201' TVD 8025'	1	2	DRIL	LEDBI	yes			
24 PRODUCT	TION INTERVA	L (S) OF THIS COMPLE	TION-TOP, BOTTOM	NAME (MD AND TVD)*			25 WAS DIREC			
Basin I	Dakota 80)10' - 8181'						SURVEY MA	YES		
		THER LOGS RUN					2	7 WAS WELL CORED			
	CL/CBL								No		
28 CASING SIZ	E/GRADE	WEIGHT, LB /FT	DEPTH SET (MD	CASING RECORD			MENTING RECOR	n L A	MOUNT PULLED		
9 5/8" /		32.3#	242'	12 1/4"			230cf-41bbls)		18 bbis		
7" / J	I-55	23#	4069'	8 3/4"	I		[@3086' [-204bbls)		36 bbls		
4 1/2" / L-8		11.6#	8202'	6 1/4"			(604cf-107bb	ols)	 		
		LINED DE	CORD		30.			TUBING RECORE)		
29	705 (10)			00000011.0101							
29 SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE 2 3/8". 4.7#.	L-80	DEPTH SET (M 8103*	D) PA	CKER SET (MD)		
SIZE		BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE 2 3/8", 4.7#,	L-80	8103'	D) PA	CKER SET (MD)		
SIZE 31 PERFORA	TION RECORI		SACKS CEMENT*	32.	2 3/8", 4.7#, ACI	D, SHOT,	8103' FRACTURE, C	CEMENT SQUEEZE,	ETC.		
SIZE 31 PERFORA Dakota w/ .3	TION RECORI	BOTTOM (MD) D (Interval, size and num	SACKS CEMENT*	32.	2 3/8", 4.7#,	D, SHOT, Acidize	8103' FRACTURE, C w/ 10bbls 18	CEMENT SQUEEZE, 1			
SIZE 31 PERFORA	TION RECORI 34" diam. 1' - 8181' =	BOTTOM (MD) D (Interval, size and num	SACKS CEMENT*	32.	2 3/8", 4.7#, ACI	D, SHOT, Acidize	8103' FRACTURE, C w/ 10bbls 18	CEMENT SQUEEZE,	ETC.		
SIZE 31 PERFORA Dakota w/ .3 2SPF @ 811 1SPF @ 801	TION RECORI 34" diam. 1' - 8181' = 0' - 8080' =	BOTTOM (MD) D (Interval, size and num 58 Holes 16 Holes	SACKS CEMENT*	32.	2 3/8", 4.7#, ACI	D, SHOT, Acidize	8103' FRACTURE, C w/ 10bbls 18	CEMENT SQUEEZE, 1	ETC.		
SIZE 31 PERFORA Dakota w/ .3 2SPF @ 811	TION RECORI 34" diam. 1' - 8181' = 0' - 8080' =	BOTTOM (MD) D (Interval, size and num 58 Holes 16 Holes	SACKS CEMENT*	32.	2 3/8", 4.7#, ACI	D, SHOT, Acidize	8103' FRACTURE, C w/ 10bbls 18	CEMENT SQUEEZE, 1	ETC.		
SIZE 31 PERFORA Dakota w/ .3 2SPF @ 811 1SPF @ 801 Dakota Tota 33.	TION RECORI 34" diam. 1' - 8181' = 0' - 8080' =	BOTTOM (MD) D (Interval, size and num 58 Holes 16 Holes	SACKS CEMENT*	32. 8010'	2 3/8", 4.7#, ACI - 8181'	D, SHOT, Acidize w/ 40,2	8103' FRACTURE, C w/ 10bbls 18	EMENT SQUEEZE, 5% HCL. Frac w/ 9 Arizona Sand.	ETC. 5,928gals SlickWater		
SIZE 31 PERFORA Dakota w/ .3 2SPF @ 811 1SPF @ 801 Dakota Tota	TION RECORI 34" diam. 1' - 8181' = 0' - 8080' = II Holes = 7	BOTTOM (MD) D (Interval, size and num 58 Holes 16 Holes	SACKS CEMENT*	32. 8010'	2 3/8", 4.7#, ACI - 8181'	D, SHOT, Acidize w/ 40,2	8103' FRACTURE, C w/ 10bbls 18	SEMENT SQUEEZE, 5% HCL. Frac w/ 9 Arizona Sand.	ETC.		
SIZE 31 PERFORA Dakota w/ .3 2SPF @ 811 1SPF @ 801 Dakota Tota 33.	TION RECORI 34" diam. 1' - 8181' = 0' - 8080' = II Holes = 7	BOTTOM (MD) D (Interval, size and num 58 Holes 16 Holes	SACKS CEMENT* Inher) CTION METHOD (How WING CHOKE SIZE PR	32. 8010' PR Pring, gas lift, pumping—	ACI - 8181' RODUCTION Size and type of puri	D, SHOT, Acidize w/ 40,2	8103' FRACTURE, C W/ 10bbls 15 22# of 20/40	EMENT SQUEEZE, 5% HCL. Frac w/ 9 Arizona Sand.	ETC. 5,928gals SlickWater		
SIZE 31 PERFORA Dakota w/ .3 2SPF @ 811 1SPF @ 801 Dakota Tota 33. DATE FIRST PRODATE OF TEST	TION RECORD 34" diam. 1' - 8181' = 0' - 8080' = II Holes = 7 ODUCTION N/A	BOTTOM (MD) D (Interval, size and num = 58 Holes = 16 Holes 74	SACKS CEMENT* Inher) CTION METHOD (How WING CHOKE SIZE PR	32. 8010'	ACI - 8181' RODUCTION Size and type of puri	D, SHOT, Acidize w/ 40,22	8103' FRACTURE, C W/ 10bbls 15 22# of 20/40	SEMENT SQUEEZE, 5% HCL. Frac w/ 9 Arizona Sand. WELL STATUS (I SI WATER-BBL.	Froducing or shut-in)		
SIZE 31 PERFORA Dakota w/ .3 2SPF @ 811 1SPF @ 801 Dakota Tota 33. DATE FIRST PRODATE OF TEST	TION RECORD 34" diam. 1' - 8181' = 0' - 8080' = II Holes = 7 ODUCTION N/A	BOTTOM (MD) D (Interval, size and num = 58 Holes = 16 Holes 74 PRODUC FLO HOURS TESTED	SACKS CEMENT* CHION METHOD (Flow WING CHOKE SIZE PR TE 1/2" CALCULATED	32. 8010' PR Pring, gas lift, pumping—	ACI - 8181' RODUCTION size and type of pun	D, SHOT, Acidize w/ 40,22	8103' FRACTURE, C w/ 10bbls 15 22# of 20/40	SEMENT SQUEEZE, 5% HCL. Frac w/ 9 Arizona Sand. WELL STATUS (I SI WATER-BBL.	Froducing or shut-in)	:ORD	
SIZE 31 PERFORA Dakota w/ .3 2SPF @ 811 1SPF @ 801 Dakota Tota 33. DATE FIRST PRODATE OF TEST	TION RECORD 34" diam. 1' - 8181' = 0' - 8080' = II Holes = 7 ODUCTION N/A 2010 PRESS	BOTTOM (MD) D (Interval, size and num = 58 Holes = 16 Holes 74 PRODUCE FLO HOURS TESTED	SACKS CEMENT* piber) CTION METHOD (How WING CHOKE SIZE PR TE 1/2"	32. 8010' PETING, gas lift, pumping— COD'N FOR OIL—E ST PERIOD	ACI - 8181' RODUCTION size and type of puri	D, SHOT, Acidize w/ 40,22	8103' FRACTURE, Color w/ 10bbls 15 22# of 20/40 /	SEMENT SQUEEZE, 5% HCL. Frac w/ 9 Arizona Sand. WELL STATUS (I SI WATER-BBL.	Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API CORPREC	CRO	
SIZE 31 PERFORA Dakota W/ .3 2SPF @ 811 1SPF @ 801 Dakota Tota 33. DATE FIRST PRODATE OF TEST 05/06/2 FLOW TUBING SI - 61	TION RECORD 34" diam. 1' - 8181' = 0' - 8080' = 1 Holes = 7 ODUCTION N/A 2010 PRESS	BOTTOM (MD) D (Interval, size and num 58 Holes 16 Holes 4 PRODUC FLO HOURS TESTED 1 hr. CASING PRESSURE	SACKS CEMENT* CTION METHOD (How WING CHOKE SIZE PF 1/2" CALCULATED 24-HOUR RATE	32. 8010' Pring, gas lift, pumping— ROD'N FOR OIL—E ST PERIOD DIL—BBL	ACI - 8181' RODUCTION Size and type of puri	D, SHOT, Acidize w/ 40,22	8103' FRACTURE, Color w/ 10bbls 15 22# of 20/40 /	SEMENT SQUEEZE, 15% HCL. Frac w/ 9 Arizona Sand. WELL STATUS (1 SI WATER-BBL trace ACI	Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-ABLOCK PECTED FOR PECTED FO		
SIZE 31 PERFORA Dakota W/ .3 2SPF @ 811 1SPF @ 801 Dakota Tota 33. DATE FIRST PRO DATE OF TEST 05/06/2 FLOW TUBING SI - 61 34 DISPOSITION 35 LIST OF AT	TION RECORD 34" diam. 1' - 8181' = 0' - 8080' = II Holes = 7 ODUCTION N/A 2010 PRESS 9psi ON OF GAS (STACHMENTS	PRODUCE 1 hr. CASING PRESSURE SI - 508psi Sold, used for fuel, venter To be sold	SACKS CEMENT* CHON METHOD (Flow WING CHOKE SIZE PR TE 1/2" CALCULATED 24-HOUR RATE d, etc)	32. 8010' Pring, gas lift, pumping. SOD'N FOR ST PERIOD OILBBL 0	ACI - 8181' RODUCTION Size and type of puri SBL GAS-MCF 1071 mc1	D, SHOT, Acidize w/ 40,22	8103' FRACTURE, Color w/ 10bbls 15 22# of 20/40 /	SEMENT SQUEEZE, 15% HCL. Frac w/ 9 Arizona Sand. WELL STATUS (1 SI WATER-BBL trace ACI	Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-ABLOCK PECTED FOR PECTED FO		
SIZE 31 PERFORA Dakota W/ .3 2SPF @ 811 1SPF @ 801 Dakota Tota 33. DATE FIRST PRO DATE OF TEST 05/06/2 FLOW TUBING SI - 61 34 DISPOSITION 35 LIST OF AT This is going	TION RECORD 34" diam. 1' - 8181' = 0' - 8080' = II Holes = 7 ODUCTION N/A 2010 PRESS 9psi ON OF GAS (STACHMENTS) g to be a B	PRODUCE 1 hr. CASING PRESSURE SI - 508psi Sold, used for fuel, vente To be sold Passin Dakota/Blam BOTTOM (MD) PRODUCE FLO 1 hr. CASING PRESSURE To be sold	SACKS CEMENT* CHON METHOD (Flow WING CHOKE SIZE PR TE 1/2" CALCULATED 24-HOUR RATE ad, etc.)	32. 8010' Ping, gas lift, pumping— OD'N FOR OIL—E ST PERIOD OIL—BBL 0	ACI - 8181' RODUCTION Size and type of pun GAS-MCF 1071 mc1	D, SHOT, Acidize w/ 40,22	8103' FRACTURE, Color w/ 10bbls 15 22# of 20/40 /	SEMENT SQUEEZE, 15% HCL. Frac w/ 9 Arizona Sand. WELL STATUS (1 SI WATER-BBL trace ACI	Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-ABLOCK PECTED FOR PECTED FO		
SIZE 31 PERFORA Dakota W/ .3 2SPF @ 811 1SPF @ 801 Dakota Tota 33. DATE FIRST PRO DATE OF TEST 05/06/2 FLOW TUBING SI - 61 34 DISPOSITION 35 LIST OF AT This is going	TION RECORD 34" diam. 1' - 8181' = 0' - 8080' = II Holes = 7 ODUCTION N/A 2010 PRESS 9psi ON OF GAS (STACHMENTS) g to be a B	PRODUCE 1 hr. CASING PRESSURE SI - 508psi Sold, used for fuel, venter To be sold	SACKS CEMENT* CHON METHOD (Flow WING CHOKE SIZE PR TE 1/2" CALCULATED 24-HOUR RATE ad, etc.)	32. 8010' Ping, gas lift, pumping— OD'N FOR OIL—E ST PERIOD OIL—BBL 0	ACI - 8181' RODUCTION Size and type of pun GAS-MCF 1071 mc1	D, SHOT, Acidize w/ 40,22	8103' FRACTURE, C W/ 10bbls 15 22# of 20/40 /	SEMENT SQUEEZE, 15% HCL. Frac w/ 9 Arizona Sand. WELL STATUS (1 SI WATER-BBL trace ACI	Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API CORPREC		
SIZE 31 PERFORA Dakota W/ .3 2SPF @ 811 1SPF @ 801 Dakota Tota 33. DATE FIRST PRO DATE OF TEST 05/06/2 FLOW TUBING SI - 61 34 DISPOSITION 35 LIST OF AT This is going	TION RECORD 34" diam. 1' - 8181' = 0' - 8080' = II Holes = 7 ODUCTION N/A 2010 PRESS 9psi ON OF GAS (STACHMENTS) g to be a B	PRODUCE 1 hr. CASING PRESSURE SI - 508psi Sold, used for fuel, vente To be sold Passin Dakota/Blam BOTTOM (MD) PRODUCE FLO 1 hr. CASING PRESSURE To be sold	SACKS CEMENT* CHON METHOD (Flow WING CHOKE SIZE PR TE 1/2" CALCULATED 24-HOUR RATE ad, etc.)	32. 8010' Ping, gas lift, pumping— OD'N FOR OIL—E ST PERIOD OIL—BBL 0 Well being DHC I	ACI - 8181' RODUCTION Size and type of pun GAS-MCF 1071 mc1	p) GAS-MC 45 6AZ records	8103' FRACTURE, C W/ 10bbls 18 22# of 20/40 /	WELL STATUS (I SI WATER-BBL trace ACC	Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-ABLOCK PECTED FOR PECTED FO		

API # 30-039-30693			San Juan 28-6 Unit 123N			
Ojo Alamo	2907'	3045'	White, cr-gr ss.		Ojo Alamo	2907'
Kirtland	3045	3460'	Gry sh interbedded w/tight, gry, fine-gr ss.		Kirtland	3045'
Fruitland			Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	1	Fruitland	3460'
Pictured Cliffs	3738'	3898'	Bn-Gry, fine grn, tight ss.	100	Pic.Cliffs	3738'
Lewis	3898'	4360'	Shale w/siltstone stringers	A	Lewis	3898'
Huerfanito Bentonite	4360'	4714'	White, waxy chalky bentonite	1	Huerfanito Bent.	4360'
Chacra	4714'	5310'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	2	Chacra	4714'
Mesa Verde	5310'	5583'	Light gry, med-fine gr ss, carb sh & coal		Mesa Verde	5310'
Menefee	5583'	5920'	Med-dark gry, fine gr ss, carb sh & coal		Menefee	5583'
Point Lookout	5920'	6411'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation		Point Lookout	5920'
Mancos	6411'	7166'	Dark gry carb sh.		Mancos	6411'
Gallup	7166'	7899'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	3	Gallup	7166'
Greenhorn	7899'	7960'	Highly calc gry sh w/thin lmst.	7	Greenhorn	7899'
Graneros	7960'	8008'	Dk gry shale, fossil & carb w/pyrite incl.		Graneros	7960'
Dakota	8008'	1	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks		Dakota	8008
Morrison	3	1	Interbed grn, brn & red waxy sh & fine to coarse grn ss		Morrison	1

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Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE*

(See other In-structions on

FOR APPROVED OMB NO. 1004-0137

Expires December 31, 1991

	E	BUREAU OF LAN	D MANAGEMEN	Γ) LEAS	•	-079192	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG*								6 IF INDIAN, ALLOTTEE OR TRIBE NAME		
1a TYPE OF WELL.	OIL WELL	GAS X WELL X	DDV I OU				\ \mu\.	MNN	178412A7	
b TYPE OF COMPL				A Serie Property	1 W				an 28-6 Unit	-
MELT NEM	X WORK DEEP- OVER EN	PLUG BACK	DIFF RESVR Other		، محمد د	^	8 FARN		IAME, WELL NO.	•
2 NAME OF OPERA	ATOR			WAY Z	o ZUI	<u>u</u>	9 APIV		123N	-
	on Resources Oil	& Gas Compan	y Per	തമാന് വരസ	. "" מרון רב"	oement	AIT		39-30693	
3 ADDRESS AND T				Farmingian l			10 FIEL		OR WILDCAT	•
4 LOCATION OF W	289, Farmington, NN ELL (Report location cle	early and in accordar	o) 326-9700 nce with any State re	equirements)*			11 SEC		Mesaverde R BLOCK AND SURVEY	•
At surface	A (NENE), 1305' FNI	L & 725' FEL					OR	AREA	RCVD JUN 8'10	
At top prod. interv	al reported below	H (SENE), 2298	' FNL & 429' FEL				ļ	Sec. 16	, T28N, R6W	
At total depth	H (SENE), 2298' FNI	_ & 429' FEL							OIL CONS. DIV.	
		J14	. PERMIT NO.	DATE ISSUE	D		12, COL	INTY OR	13 STATE * T	-
							1	RISH Arriba	New Mexico	
	16 DATE T D REACHED	17. DATE CO	MPL (Ready to prod)		18 ELE	VATIONS (DF, R	KB, RT, BR	ETC)*	19 ELEV CASINGHEAD	•
01/19/2010 20 TOTAL DEPTH, MD	01/28/2010 &TVD 21 PLUG, E	BACK T.D., MD &TVD	05/06/2010 22 IF MULTIPLE C	OMPL,	23 INT	GL 6708' ERVALS	KB 67		CABLE TOOLS	-
MD 00071 73/D	}		HOW			ILLED BY			1	
MD 8207' TVD 24 PRODUCTION INTE	RVAL (S) OF THIS COMPLE	TION-TOP, BOTTOM,		<u>. </u>	L			yes_ WAS DIREC	CTIONAL	-
Blanco Mesa	verde 4720' - 6063	•						SURVEY M	ADE YES	
26 TYPE ELECTRIC AN	D OTHER LOGS RUN						27 WAS V	VELL CORED		-
GR/CCL/CB	L								No	
28 CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)	CASING RECORD			vell) MENTING RECO	ORD T	A	MOUNT PULLED	-
9 5/8" / H-40	32.3#	242'	12 1/4"			(230cf-41bbl			18 bbls	<i>-</i> -
7" / J-55	23#	4069	8 3/4"			ST@3086' cf-204bbls)	- [네 bbls	
4 1/2" / L-80 & J-5	5 11.6#	8202'	6 1/4"		<u> </u>	x(604cf-107b	bls)		3 0 0013	
SIZE TOP (N	LINER RE	SACKS CEMENT*	SCREEN (MD)	30 SIZE		DEPTH SET (NG RECOR	O ACKER SET (MD)	•
SIZE TOP (II	BOTTOW (MID)	SACKS CEMENT	SCREEN (MID)	2 3/8", 4.7#,	L-80	8103'	(MD)	P	ACKER SET (MD)	
24 PERFORATION REC	ORD (Interval, size and num	aber)	32	ACH	D SHO.	T, FRACTURE,	CEMENT	COLLEGE	ETC	
Point Lookout w/ .3	•	idei y	5835' -						7,208gals 60%	
1SPF @ 5835' - 606 Upper Menefee/Clif	3' = 25 Holes fhouse w/ .34" diam.					Vater w/ 100, 79,000SCF	329# of 2	20/40 Arizo	na Sand.	
1SPF @ 5313' - 577' Lewis w/ .34" diam.	5' = 26 Holes		5313' -	5775'					/ 103,204# of 20/40	
1SPF @ 4720' - 520	0' = 25 Holes		4720' -	5200'		na Sand. N2:9			foam w/ 116,649# of	,
Mesaverde Total Ho	oles = 76				3	Arizona Sano		•		
DATE FIRST PRODUCTION	יי והתקפם ד	CTION METHOD (Flowi		RODUCTION	20)		1307	FIT STATILE?	Producing or shut-in)	
N/A		WING	ng, gas im, pumpings	вна туре от рип	W 1		s		i judading of andi-III j	
DATE OF TEST	HOURS TESTED	1 1	OD'N FOR OILE ST PERIOD	BBL	GAS-N	ACF	WATER-	-BBL	GAS-OIL RATIO	
05/02/2010 FLOW TUBING PRESS	1 hr.	1/2"	VII	O GAS MCF	8	6 mcf/h		race	OIL GRAVITY-API (CORR)	
PLOW TUBING PRESS		CALCULATED (24-HOUR RATE	OILBBL	GASMCF	1	WATER-BB	ı.		ACCEPTED FOF	י מבר כי
SI - 619psi	SI - 508psi S (Sold, used for fuel, vente	ed etc.)	0	2063 mc	f/d	1;	2 bwpd	OT MUTATECO	1	i neco
34 D.G. CONTON OF GA	To be sold	,, 500 /					115	ST WITNESS	MAY 2.7	2010
35. LIST OF ATTACHME	NTS									LUIU
This is going to be	Basin Dakota/Blan	co Mesa Verde v	vell being DHC p	er order # 319	6AZ				EASMINGTON FI	EID OFFI

Regulatory Technicain

(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

TITLE



API # 30-039-30693		San Juan 28-6 Unit 123N		
Ojo Alamo	2907'		Ojo Alamo	2907'
Kirtland	3045'	3460' Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3045'
Fruitland	3460'	3738' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3460'
Pictured Cliffs	3738'	3898' Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3738'
Lewis	3898'	4360' Shale w/siltstone stringers	Lewis	3898'
Huerfanito Bentonite	4360'	4714' White, waxy chalky bentonite	Huerfanito Bent.	4360'
Chacra	4714'	5310' Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	47 1 4'
Mesa Verde	5310'	5583' Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5310'
Menefee	5583'	5920' Med-dark gry, fine gr ss, carb sh & coal	Menefee	5583'
Point Lookout	5920'	6411' Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5920'
Vancos	6411'	7166' Dark gry carb sh.	Mancos	6411'
Gallup	7166'	7899' Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	7166'
Greenhorn	7899'	7960' Highly calc gry sh w/thin lmst.	Greenhorn	7899'
Graneros	7960'	8008' Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7960'
Dakota	8008	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	8008'
Morrison		Interbed grn, brn & red waxy sh & fine to coarse grn ss	Dakota Morrison	1