Form 3160-4 (October 1990)

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

FOR APPROVED OMB NO. 1004-0137

			חב	DADTM	ENT	F THE IN	STED	IOD	JUL 2	fructions (on)			
						ID MANAG			-		5 1 5	Expires: 1	December 31, 1991 ON AND SERIAL NO.
				BUKEAU	OF LAN	ID MANAG	EMEN	Rurea	iu of La	na wanayo		SF-078423	
VELL C	OMPL	FTION	ORI	RECOL	MPI F	TION R	FPC	ORT AND	Mingto I OG	n Field Offic ★	6. IF		E OR TRIBE NAME
a TYPE OF			OIL	GAS WELL		T T		ZICI AILE			┥ 。.		4.11.1 m
=			WELL	WELL		DRY L	Other			-		VIT AGREEMENT	8417 B- DK)
b TYPE OF	COMPLETI										Ĺ	San Juan 2	9-7 Unit
	WELL X	WORK OVER	DEEP-	PLUC BACK		DIFF RESVR	Other		_	_	8. FA	RM OR LEASE N	AME, WELL NO
											<u> </u>		9-7 Unit 57E
	F OPERATO		UDAES A	011 0 04	0.0045	ANN I D					9. AF	PI WELL NO	F0
	JRLINGTO			UIL & GA	S CUMP	ANT, LP		<del></del>	<del></del>		10 F	30-039-303 IELD AND POOL	OR WILDCAT
3 ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700								Blanco MV/Basin DK					
LOCATIO	ON OF WELL	(Report la	cation cle	arly and in a	ccordanc	e with any St	tate req	uirements )*					R BLOCK AND SURVEY
At surface	e Un	it L (NW	SW) 160	5' FSL &	1120' FV	VL.					1 '	OR AREA	
											1		N R07W, NMPM
At top pro	od. interval re	eported bel	ow								1	RCVD .	JUL 28 '08
At total de	epth											ni c	ONS. DIV.
					12.4						<u> </u>		
					14	PERMIT NO	ر. أ	DATE ISSUE	בט			COUNTY OR [].	□3.SIATE
												Rio Arriba	New Mexico
5. DATE SPU 3/20/08		DATE T.D 3/23/0		D 17.	DATE CON 7/9/0	MPL. (Ready to o	o prod.)	-	18 ELEV	ATIONS (DF, RKI			19. ELEV. CASINGHEAD
	PTH, MD &/T			BACK T.D. N		22. IF MULT	IPLE CO	OMPL	23. INTE	6287'	KB ROTAE	<b>6303'</b> RY TOOLS	CABLE TOOLS
	·	- 1		,			HOW M			LED BY			
	21'	AL (S) OF TI	760:		POTTON	, NAME (MD A	2	110	<u> </u>		yes	25, WAS DIREC	TIONAL
+ PRODUCT	I ION INTERV	AL (3) OF 11	IIIS COMPI	LETION-TOP	, BUTTOM	, NAME (MD A	AND IVE	"				SURVEY MA	
	Dakota CTRIC AND C		7422' - 7	7594'						·	1		No
	CL, CBL		S RUN								27 WA	S WELL CORED	No
8	OL, ODL					21000							110
						CASINGR	FCORT	) (Report all stri	ings set in	wall \			
	E/GRADE	WEIGHT	LB/FT	DEPTH :	SET (MD)			O (Report all strict TOP OF C		well ) EMENTING RECO	ORD	,	AMOUNT PULLED
CASING SIZ 9 5/8" H		32.3#	, LB/FT	230	)*	HOLE S	IZE	TOP OF C	EMENT, C	MENTING RECO	ORD	2 bbis	AMOUNT PULLED
9 5/8" H	I-40		, LB/FT		32'	HOLE S	IZE	TOP OF C surface; 75s surface; 490	EMENT, CI	MENTING RECO (120 cf) (1160 cf)	ORD		AMOUNT PULLED
CASING SIZ 9 5/8" H 7" J-55 I/2" , J-55	I-40	32.3# 20# 11.6#	, LB /FT LINER RE	230 346 761	32'	HOLE S 12 1/4" 8 3/4"	IZE	TOP OF C	EMENT, CI	MENTING RECO		2 bbis	AMOUNT PULLED
CASING SIZ 9 5/8" H 7" J-55 I/2" , J-55	I-40	32.3# 20# 11.6#		230 346 761 ECORD	32'	HOLE S 12 1/4" 8 3/4"	(MD)	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30.	EMENT, CI X SX SX I31sx	(120 cf) (1160 cf) (625 cf)	ΤU	2 bbls 91 bbls BING RECORD	AMOUNT PULLED  ACKER SET (MD)
CASING SIZ 9 5/8" H 7" J-55 1/2" , J-55	1-40	32.3# 20# 11.6#	LINER RE	230 346 761 ECORD	)' 32' 4'	HOLE S 12 1/4" 8 3/4" 6 1/4"	(MD)	TOP OF C surface; 75s surface; 490 TOC 2600'; 4	EMENT, CI X SX SX I31sx	(120 cf) (1160 cf) (1160 cf) (625 cf)	ΤU	2 bbls 91 bbls BING RECORD	
CASING SIZ 9 5/8" H 7" J-55 1/2" , J-55 9. SIZE	1-40	32.3# 20# 11.6#	LINER RE	230 346 761 ECORD SACKS (	)' 32' 4'	HOLE S 12 1/4" 8 3/4" 6 1/4"	(MD)	TOP OF C surface; 75s surface; 490 TOC 2600°; 4 30. SIZE 2-3/8", 4.7#	EMENT, CI SX SX I31SX	EMENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET	TU (MD)	2 bbls 91 bbls BING RECORD	ACKER SET (MD)
CASING SIZ 9 5/8" H 7" J-55 1/2" , J-55 9. SIZE PERFORA 4" @ 1 S	TOP (MD)	32.3# 20# 11.6# BOTTO	LINER RE	230 346 761 ECORD SACKS (	)' 32' 4'	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN	(MD)	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#	EMENT, CI SX SX I31sx , J-55 ACID, SHC	MENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513'	TU (MD) CEMEN	2 bbis 91 bbis BING RECORD P IT SQUEEZE, E'w/98,196 gals	ACKER SET (MD)
CASING SIZ 9 5/8" H 7" J-55 1/2" , J-55 9. SIZE PERFORA 4" @ 1 S 122' - 749	TOP (MD)  TION RECOR  PF  1' = 17 hc	32.3# 20# 11.6# BOTTO	LINER RE	230 346 761 ECORD SACKS (	)' 32' 4'	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN	(MD)	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#	EMENT, CI SX SX I31sx , J-55 ACID, SHC	EMENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513'	TU (MD) CEMEN	2 bbis 91 bbis BING RECORD P IT SQUEEZE, E'w/98,196 gals	ACKER SET (MD)
CASING SIZ 9 5/8" H 7" J-55 1/2" , J-55 3. SIZE PERFORA 1" @ 1 SI 22' - 749 1" @ 2 SI	TOP (MD)  TION RECOR  PF  1' = 17 hc	32.3# 20# 11.6# BOTTO	LINER RE	230 346 761 ECORD SACKS (	)' 32' 4'	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN	(MD)	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#	EMENT, CI SX SX I31sx , J-55 ACID, SHC	MENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513'	TU (MD) CEMEN	2 bbis 91 bbis BING RECORD P IT SQUEEZE, E'w/98,196 gals	ACKER SET (MD)
CASING SIZ 9 5/8" H 7" J-55 1/2" , J-55 SIZE PERFORA 1" @ 1 S 22' - 749 4" @ 2 SI 607' - 75	TOP (MD)  TION RECOR  PF  11' = 17 hc  PF  94' = 36	32.3# 20# 11.6# BOTTO	LINER RE	230 346 761 ECORD SACKS (	)' 32' 4'	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN	(MD)	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#	EMENT, CI SX SX I31sx , J-55 ACID, SHC	MENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513'	TU (MD) CEMEN	2 bbis 91 bbis BING RECORD P IT SQUEEZE, E'w/98,196 gals	ACKER SET (MD)
CASING SIZ 9 5/8" H 7" J-55 5/12" , J-55 9. SIZE PERFORA 4" @ 1 S 1:22' - 749 4" @ 2 SI 507' - 75	TOP (MD)  TION RECOR  PF  11' = 17 hc  PF  94' = 36	32.3# 20# 11.6# BOTTO	LINER RE	230 346 761 ECORD SACKS (	)' 32' 4'	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN	(MD)	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#	EMENT, CI SX SX I31sx , J-55 ACID, SHC	MENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513'	TU (MD) CEMEN	2 bbis 91 bbis BING RECORD P IT SQUEEZE, E'w/98,196 gals	ACKER SET (MD)
CASING SIZ 9 5/8" H 7" J-55 1/2" , J-55 9. SIZE PERFORA 4" @ 1 SI 122' - 749 4" @ 2 SI 507' - 75 otal holes	TOP (MD)  TION RECOR  PF  11' = 17 hc  PF  94' = 36  3 = 53	32.3# 20# 11.6# BOTTO	LINER REDOM (MD)	230 346 761 ECORD SACKS (	)' CEMENT'	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN 32. 74;	(MD) 22' - 7	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#	EMENT, CI XX SX I31SX , J-55 ACID, SHC A/10 bb W/40,00	MENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513'	TU (MD) CEMEN	2 bbis 91 bbis BING RECORD P IT SQUEEZE, E w/98,196 gals	ACKER SET (MD) TC. slickwater
CASING SIZ 9 5/8" H 7" J-55 1/2" , J-55 9. SIZE PERFORA 4" @ 1 SI 122' - 749 4" @ 2 SI 507' - 75 otal holes	TOP (MD)  TION RECOR  PF  11' = 17 hc  PF  94' = 36  3 = 53	32.3# 20# 11.6# BOTTO	LINER REDOM (MD)	230 346 761 ECORD SACKS (	)' CEMENT'	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN 32. 74:	(MD)	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#	EMENT, CI XX SX I31SX , J-55 ACID, SHC A/10 bb W/40,00	MENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513'	TU (MD) CEMEN	2 bbis 91 bbis BING RECORD P IT SQUEEZE, E w/98,196 gals	ACKER SET (MD)
CASING SIZE  9 5/8" H 7" J-55 1/2", J-55 9. SIZE  PERFORA 4" @ 1 SI 122' - 749 4" @ 2 SI 507' - 75  Otal holes 3. TE FIRST PR W/O Faci	TOP (MD)  TION RECOR  PF  1' = 17 hc  PF  94' = 36  3 = 53  CODUCTION  Illities	32.3# 20# 11.6# BOTTO	LINER REDOM (MD)	230 346 761 ECORD SACKS (	CEMENT	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN 32. 74;	(MD)	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#	EMENT, CI XX SX I31SX , J-55 ACID, SHC A/10 bb W/40,00	EMENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513' DT, FRACTURE, NS 15% HCL.	TU (MD) CEMEN Frac v	2 bbis 91 bbis BING RECORD P IT SQUEEZE, E w/98,196 gals	ACKER SET (MD) TC. slickwater
CASING SIZ 9 5/8" H 7" J-55 9/2", J-55 9/2" SIZE PERFORA 4" @ 1 SI 122' - 749 4" @ 2 SI 507' - 75 Otal holes 3.	TOP (MD)  TION RECOR  PF  1' = 17 hc  PF  94' = 36  3 = 53  CODUCTION  Illities	32.3# 20# 11.6# BOTTO	LINER REDOM (MD)	230 346 761 ECORD SACKS (	CEMENT*	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN 32. 74;	(MD)	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#	, J-55 ACID, SHC [A/10 bb   w/40,00	EMENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513' ET, FRACTURE, IS 15% HCL. 0# 20/40 TLC	TU (MD) CEMEN Frac v	2 bbls 91 bbls BING RECORD P IT SQUEEZE, E W/98,196 gals  WELL STATUS (F	ACKER SET (MD)  TC. slickwater  Producing or shut-in)
PERFORA 4" @ 1 S 122' - 749 4" @ 2 S 507' - 75  Otal holes  TE FIRST PR W/O Faci TE OF TEST	TOP (MD)  TION RECOR  PF 11' = 17 hc  PF 94' = 36  3 = 53  ODUCTION  Illities	32.3# 20# 11.6# BOTTO BOTTO Colles HOURS TE:	LINER REDOM (MD)  size and nu	230 346 761 ECORD SACKS (	OD (Flowing	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN  32. 74:  Flowing D'N FOR	(MD)  22' - 7	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#	SX 31sx 3.55 ACID, SHC A/10 bb w/40,00	MENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513' DT, FRACTURE, IS 15% HCL. 0# 20/40 TLC	CEMEN Frac v. Sand.	2 bbls 91 bbls BING RECORD P IT SQUEEZE, E W/98,196 gals  WELL STATUS (F	ACKER SET (MD)  TC.  Slickwater  Producing or shut-in)  [GAS-OIL RATIO
PERFORA  PER	TOP (MD)  TION RECOR  PF 11' = 17 hc  PF 94' = 36  3 = 53  ODUCTION  Illities	32.3# 20# 11.6# BOTTO RD (Interval, poles holes	LINER REDOM (MD)  size and nu	230 346 761 ECORD SACKS (	OD (Flowing TES)	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN 32. 74:  74:  Flowing DD'N FOR	(MD)  22' - 7	TOP OF C surface; 75s surface; 490 TOC 2600°; 4 30. SIZE 2-3/8", 4.7#	, J-55 ACID, SHC [A/10 bb   w/40,00	EMENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513' ET, FRACTURE, IS 15% HCL. 0# 20/40 TLC	CEMEN Frac v. Sand.	2 bbls 91 bbls BING RECORD P IT SQUEEZE, E' w/98,196 gals  WELL STATUS (F SI R-BBL	ACKER SET (MD)  TC. slickwater  Producing or shut-in)
PERFORA  PER	TOP (MD)  TION RECOR  PF  11' = 17 ho  PF  94' = 36  3 = 53  ODUCTION  Illities  PRESS.  #	32.3# 20# 11.6# BOTTO BOTTO CASING PR SI- 442	PRODUCESTED	230 346 761 ECORD SACKS (  LIMBER  CHOKE SIZ  1/2" CALCULAT 24-HOUR R	OD (Flowing TES)	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN  32. 74:  Flowing D'N FOR	(MD)  22' - 7	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#	, J-55 ACID, SHC [A/10 bb   w/40,00	MENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513' DT, FRACTURE, IS 15% HCL. 0# 20/40 TLC	CEMEN Frac v. Sand.	2 bbls 91 bbls BING RECORD P IT SQUEEZE, E W/98,196 gals  IWELL STATUS (F SI R-BBL 0 bwph	ACKER SET (MD)  TC.  Slickwater  Producing or shut-in)  [GAS-OIL RATIO
PERFORA  PER	TOP (MD)  TION RECOR  PF 11' = 17 ho  PF 94' = 36 3 = 53  ODUCTION  Illities  PRESS.  # ON OF GAS (3)	32.3# 20# 11.6# BOTTO BOTTO CASING PR SI- 442 Sold, used for	PRODUCESTED  EESSURE  2#  r fuel, venter	230 346 761 ECORD SACKS (  SACKS (   Imbely  CHOKE SIZ  1/2" CALCULAT 24-HOUR R	OD (Flowing TES)	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN  32. 74: Flowing DD'N FOR IT PERIOD  IL-BBL  trace	(MD)  22' - 7	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#	, J-55 ACID, SHC [A/10 bb   w/40,00	MENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513' DT, FRACTURE, IS 15% HCL. 0# 20/40 TLC	CEMEN Frac v. Sand.	2 bbls 91 bbls BING RECORD P IT SQUEEZE, E W/98,196 gals  IWELL STATUS (F SI R-BBL 0 bwph	ACKER SET (MD)  TC.  slickwater  Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)
PERFORA 4" @ 1 Si 122' - 749 4" @ 2 Si 507' - 75  Otal holes  3. TE FIRST PR W/O Faci TE OF TEST  7/8/08 SI -285 4. DISPOSITION TO be s	TOP (MD)  TION RECOR  PF  11' = 17 ho  PF  94' = 36  3 = 53  CODUCTION  Illities  PRESS.  #  ON OF GAS (Sold). W/O	32.3# 20# 11.6# BOTTO BOTTO CASING PA Solo, used fo D faciliti	PRODUCESTED  EESSURE  2#  r fuel, venter	230 346 761 ECORD SACKS (  SACKS (   Imbely  CHOKE SIZ  1/2" CALCULAT 24-HOUR R	OD (Flowing TES)	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN  32. 742  Flowing Flowing DI'N FOR	(MD)  22' - 7	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#	, J-55 ACID, SHC [A/10 bb   w/40,00	MENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513' DT, FRACTURE, IS 15% HCL. 0# 20/40 TLC	CEMEN Frac v. Sand.	2 bbis 91 bbis BING RECORD P IT SQUEEZE, E w/98,196 gals  WELL STATUS (F SI R-BBL 0 bwph	ACKER SET (MD)  TC.  Slickwater  Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)
PERFORA 4" @ 1 Si 122' - 749 4" @ 2 Si 122' - 749 4" @ 2 Si 122' - 750 141 holes 3. TE FIRST PR W/O Faci TE OF TEST 7/8/08 DW. TUBING SI -285 4. DISPOSITION To be si 5. LIST OF A	TOP (MD)  TION RECOR  PF 11' = 17 ho  PF 94' = 36 3 = 53  CODUCTION  Illities  PRESS.  # ON OF GAS (Sold, W/C)  TTACHMENTS	32.3# 20# 11.6# BOTTO BOTTO BOTTO BOTTO BOTTO CASING PR SI- 442 Sold, used for Ofacilities	PRODUCESTED  PRODUCESTED  PROBLEM  PROB	230 346 761 ECORD SACKS (  SACKS (   Imbely  CHOKE SIZ  1/2" CALCULAT 24-HOUR R  ed, etc.) e set bef	OD (Flowing TES)  ED O OATE	HOLES 12 1/4" 8 3/4" 6 1/4"  SCREEN 32. 74: Flowing D'N FOR IT PERIOD IL-BBL trace	(MD)  22' - 7  iping-sizi	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7# A 7594' PRODUCTION e and type of pum BL trace GAS-MCF	, J-55 ACID, SHC [A/10 bb w/40,00	MENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513' DT, FRACTURE, IS 15% HCL. 0# 20/40 TLC	CEMEN Frac v. Sand.	2 bbis 91 bbis BING RECORD P IT SQUEEZE, E w/98,196 gals  WELL STATUS (F SI R-BBL 0 bwph	ACKER SET (MD)  TC.  Slickwater  Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)
PERFORA 4" @ 1 Si 122" - 749 4" @ 2 Si 1507' - 75  Otal holes 3. TE FIRST PR W/O Faci TE OF TEST 7/8/08 DW. TUBING SI - 285 4. DISPOSITIO To be s 5. LIST OF A This will	TOP (MD)  TION RECOR  PF  1' = 17 ho  PF  94' = 36  3 = 53  CODUCTION  Illities  PRESS.  #  ON OF GAS (County)  TTACHMENTS  I be a MV/  I be a MV/	32.3# 20# 11.6# BOTTO BOTTO COLORS TES HOURS TES CASING PR SI- 442 Sold, used fo D facilities DK communications	PRODUCESTED  EESSURE 2# r fuel, ventees to be	230 346 761 ECORD SACKS (  LIMBER  CHOKE SIZ 1/2" CALCULAT 24-HOUR R  ed, etc ) e set bef	OD (Flowing TES)  FOR THE STATE STAT	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN  32. 74:  Flowing DDN FOR T PERIOD  IL-BBL  trace st product	(MD)  22' - 7  aping-size  Oil.—Be	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7# A 7594' PRODUCTION e and type of pum BL trace GAS-MCF	, J-55 ACID, SHC A/10 bb w/40,00  GAS-MC	MENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513' DT, FRACTURE, IS 15% HCL. 0# 20/40 TLC	CEMEN Frac v. Sand.	2 bbis 91 bbis BING RECORD P IT SQUEEZE, E w/98,196 gals  WELL STATUS (F SI R-BBL 0 bwph	ACKER SET (MD)  TC.  slickwater  Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)
PERFORA 4" @ 1 Si 122" - 749 4" @ 2 Si 1507' - 75  Otal holes 3. TE FIRST PR W/O Faci TE OF TEST 7/8/08 DW. TUBING SI - 285 4. DISPOSITIO To be s 5. LIST OF A This will	TOP (MD)  TION RECOR  PF  1' = 17 ho  PF  94' = 36  3 = 53  CODUCTION  Illities  PRESS.  #  ON OF GAS (County)  TTACHMENTS  I be a MV/  I be a MV/	32.3# 20# 11.6# BOTTO BOTTO COLORS TES HOURS TES CASING PR SI- 442 Sold, used fo D facilities DK communications	PRODUCESTED  EESSURE 2# r fuel, ventees to be	230 346 761 ECORD SACKS (  LIMBER  CHOKE SIZ 1/2" CALCULAT 24-HOUR R  ed, etc ) e set bef	OD (Flowing TES)  FOR THE STATE STAT	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN  32. 74:  Flowing DDN FOR T PERIOD  IL-BBL  trace st product	(MD)  22' - 7  aping-size  Oil.—Be	TOP OF C surface; 75s surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#  PRODUCTION e and type of pum BL  trace GAS-MCF 52 mcf/d	, J-55 ACID, SHC A/10 bb w/40,00  GAS-MC	MENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513' DT, FRACTURE, IS 15% HCL. 0# 20/40 TLC	CEMEN Frac v. Sand.	2 bbis 91 bbis BING RECORD P IT SQUEEZE, E w/98,196 gals  WELL STATUS (F SI R-BBL 0 bwph	ACKER SET (MD)  TC.  Slickwater  Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)
PERFORMA  " @ 1 Si  " 22" - 749  " @ 2 Si  " 22" - 749  " @ 2 Si  " 22" - 759  " 2507" - 75  " 30 TE FIRST PR  W/O Faci  TE OF TEST  7/8/08  SI -285  " DISPOSITION  To be so  LIST OF A  This will	TOP (MD)  TION RECOR  PF  1' = 17 ho  PF  94' = 36  3 = 53  CODUCTION  Illities  PRESS.  #  ON OF GAS (County)  TTACHMENTS  I be a MV/  I be a MV/	32.3# 20# 11.6# BOTTO BOTTO COLORS TES HOURS TES CASING PR SI- 442 Sold, used fo D facilities DK communications	PRODUCESTED  EESSURE 2# r fuel, ventees to be	230 346 761 ECORD SACKS (  LIMBER  CHOKE SIZ 1/2" CALCULAT 24-HOUR R  ed, etc ) e set bef	OD (Flowing TES)  FOR THE STATE STAT	HOLE S 12 1/4" 8 3/4" 6 1/4"  SCREEN  32. 74:  Flowing DDN FOR T PERIOD  IL-BBL  trace st product	(MD)  22' - 7  piping-siz  OIL-BE	TOP OF C Surface; 75s Surface; 490 TOC 2600'; 4 30. SIZE 2-3/8", 4.7#  PRODUCTION e and type of pum BL  trace GAS-MCF 52 mcf/d	, J-55 ACID, SHC A/10 bb w/40,00  GAS-MC	MENTING RECC (120 cf) (1160 cf) (625 cf) DEPTH SET 7513' DT, FRACTURE, IS 15% HCL. 0# 20/40 TLC	CEMEN Frac v: Sand.  WATE	2 bbis 91 bbis BING RECORD P IT SQUEEZE, E w/98,196 gals  WELL STATUS (F SI R-BBL 0 bwph	ACKER SET (MD)  TC.  Slickwater  Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)

API # 30-039-30353			San Juan 29-7 Unit 57E	7	- 3
Ojo Alamo	2242'	2362'	White, cr-gr ss.	Ojo Alamo?	2242'
Kirtland	2362'	2860'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2862'
Fruitland	2860'		Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2860'
Pictured Cliffs	3131'	3322'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3,131'
Lewis	3322'	3864'	Shale w/siltstone stringers	Lewis	3822'
Huerfanito Bentonite	3864'	4143'	White, waxy chalky bentonite	Huerfanito Bent.	3864'
Chacra	4143'	4682'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	: Chacra	4143
Mesa Verde	4682'	7979'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4682'
Menefee	7979'	5317'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	7979'
Point Lookout	5317'	5730'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5317'
Mancos	5730'	6577'	Dark gry carb sh.	Mancos	5730'
Gallup	6577'	7299'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6577'
Greenhorn	7299'		Highly calc gry sh w/thin Imst.	Greenhorn	7299'
Graneros	7393'	7418'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7393'
Dakota	7418'	'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7418'
Morrison	1		Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	,

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Form 3160-4 (October 1990)

## **UNITED STATES**

FOR APPROVED

**DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT** 

Expires December 31, 1991
5. LEASE DESIGNATION AND SERIAL NO.

OMB NO 1004-0137

					Delieau of	Land iv	hanagement		SF-078423	
WELL C	OMPLI	ETION OR F	RECOMPL	ETION REP	ORT AND	PLOG	∌ia ∪mœ	6. IF	INDIAN, ALLOTTE	EE OR TRIBE NAME
1a TYPE OF		OIL WELL	GAS X	DRY Other				† "	<u> </u>	14174-141
			MELL I	<u> </u>			•	7 UN	IT AGREEMENT	NAME
b TYPE OF	COMPLETI							<u></u>	San Juan 2	
	WELL X	WORK DEEP- OVER EN	PLUG BACK	DIFF RESVR Other				8 FA	RM OR LEASE N	AME, WELL NO.
							·			9-7 Unit 57E
	F OPERATO							9 AF	PI WELL NO.	
		N RESOURCES (	OIL & GAS COM	IPANY, LP			· · · · · · · · · · · · · · · · · · ·	L	30-039-303	53-00CA
	S AND TELE			EV 226 0700				10. F	IELD AND POOL,	
		9, Farmington, Ni (Report location clea		5) 326-9700 ance with any State re	equirements\*			11 5		MV/Basin DK R BLOCK AND SURVEY
At surface		it L (NWSW) 160	•	•	rquii omorno,			1	OR AREA	C DECOUNTAGE CONT. 2.
At surrace	B	ILL (MATOUT) 100.	J   OL G. 1.20 .						Sec.11 T29	N R07W, NMPM
At top pro	od. interval re	enorted below								•
, t	<b>74.</b>	po								DJUL 28'08
At total de	epth									cons. DIV.
			ন	4. PERMIT NO.	DATE ISSUE	<u> </u>		1 12 0	OUNTY OR	TICT S
			ľ	4. FERMIT NO.		בט		1	PARISH	15. SIMIE
				- <u></u>				l		New Mexico
15. DATE SPL	1	DATE T D. REACHE		OMPL. (Ready to prod.	,		ATIONS (DF, RKB			19. ELEV. CASINGHEAD
3/20/08		3/23/08	7/9/			GL	6287'	KB	6303'	
20. TOTAL DE	∄PTH, MU &/ F	VO  21. PLUG, 6	BACK T.D., MD &TVE	22 IF MULTIPLE C		23. INTER	RVALS LED BY	ROTAN	RY TOOLS	CABLE TOOLS
76:	<b>321</b> ′	7605	5*	2		1		yes		1
24 PRODUCT	TION INTERVA	AL (S) OF THIS COMPI	LETION-TOP, BOTT	OM, NAME (MD AND T	VD)*	<u> </u>		<u> </u>	25. WAS DIREC	
Blanco	o Mesaver	rde 4150' - 5	713'						SURVEY MA	NO No
		OTHER LOGS RUN	710			<del></del>	<del></del>	27. WA	S WELL CORED	<del></del>
GR, C	CL, CBL									No
28.				CASING RECOF	RD (Report all stri	ings set ın	well)			
CASING SIZ		WEIGHT, LB./FT.	DEPTH SET (MI	D) HOLE SIZE	TOP OF C	EMENT, CE	EMENTING RECO	RD	A	MOUNT PULLED
9 5/8" H		32.3#	230'	12 1/4"	surface; 75s		(120 cf)		2 bbis	
7" J-55 4 1/2" , J-55		20# 11.6#	3462' 7614'	8 3/4" 6 1/4"	surface; 490 TOC 2600'; 4		(1160 cf)		91 bbis	
4 1/2 , 3-00					30	JIBA	(625 cf)	TU	BING RECORD	
20		LINER RE	-(.t.)P(L)						DII10 11200.2	
29 SIZE	TOP (MD)	LINER RE BOTTOM (MD)	SACKS CEMENT	1* SCREEN (MD)	SIZE		DEPTH SET		P.	ACKER SET (MD)
	TOP (MD)		· · · · · · · · · · · · · · · · · · ·	SCREEN (MD)			DEPTH SET 7513'		P	ACKER SET (MD)
SIZE		BOTTOM (MD)	SACKS CEMENT		SIZE 2-3/8", 4.7#,	, J-55	7513'	(MD)		
SIZE 31 PERFORA	ATION RECOR		SACKS CEMENT	SCREEN (MD)	SIZE 2-3/8", 4.7#,	, J-55		(MD)		
SIZE 31 PERFORA .34" @ 1 S	ATION RECOR	BOTTOM (MD)	SACKS CEMENT	32.	SIZE 2-3/8", 4.7#,	, <b>J-55</b> ACID, SHO	7513' ot, fracture,	(MD)	ΛΤ SQUEEZE, E	TC.
SIZE 31 PERFORA	ATION RECOR	BOTTOM (MD)	SACKS CEMENT		SIZE 2-3/8", 4.7#,	, J-55 ACID, SHO A/10 bb	7513' DT, FRACTURE,	(MD) CEMEN	VT SQUEEZE, E	TC. 60Q slickwater
SIZE 31 PERFORA .34" @ 1 SI PLO 5175'	ATION RECOR SPF - 5713' =	BOTTOM (MD)	SACKS CEMENT	32.	SIZE 2-3/8", 4.7#,	ACID, SHO A/10 bb N2 foam A/10 bb	7513' OT, FRACTURE, NS 15% HCL. R, w/100,000# NS 15% HCL.	CEMEN Frac v 20/40 Frac v	NT SQUEEZE, E w/48,594 gals Brady Sand. w/49,748 gals	TC.  60Q slickwater  N2 = 1,123,200 SCF  60Q slickwater
SIZE 31 PERFORA .34" @ 1 SI PLO 5175' MF/CH 47	ATION RECOR SPF '- 5713' = 709' - 509	BOTTOM (MD)  AD (Interval, size and nu  30 holes  95' = 30 holes	SACKS CEMENT	32. 5175' - 5713' 4709' - 5095'	SIZE 2-3/8", 4.7#,	ACID, SHO A/10 bb N2 foam A/10 bb N2 foam	7513' DT. FRACTURE, IS 15% HCL. II, w/100,000# IIS 15% HCL. III, w/100,000#	CEMEN Frac v 20/40 Frac v 20/40	vt squeeze, e v/48,594 gals Brady Sand. v/49,748 gals Brady Sand.	60Q slickwater N2 = 1,123,200 SCF 60Q slickwater N2 = 997,400 SCF
31 PERFORA .34" @ 1 SI PLO 5175' MF/CH 47	ATION RECOR SPF '- 5713' = 709' - 509	BOTTOM (MD)  AD (Interval, size and nu  30 holes  95' = 30 holes	SACKS CEMENT	32. 5175' - 5713'	SIZE 2-3/8", 4.7#	ACID, SHO A/10 bb N2 foam A/10 bb N2 foam A/10 bb	7513' DT, FRACTURE, DIS 15% HCL. n, w/100,000# DIS 15% HCL. n, w/100,000# DIS 15% HCL.	Frac v 20/40 Frac v 20/40 Frac v	v/48,594 gals Brady Sand. v/49,748 gals Brady Sand. v/25,830 gals	60Q slickwater N2 = 1,123,200 SCF 60Q slickwater N2 = 997,400 SCF 20# linear 75Q N2
31 PERFORA .34" @ 1 SI PLO 5175' MF/CH 47 Lewis 4150	ATION RECOR PF - 5713' = 709' - 509 0' - 4645' =	BOTTOM (MD)  AD (Interval, size and nu  30 holes  95' = 30 holes	SACKS CEMENT	32. 5175' - 5713' 4709' - 5095'	SIZE 2-3/8", 4.7#	ACID, SHO A/10 bb N2 foam A/10 bb N2 foam A/10 bb	7513' DT, FRACTURE, DIS 15% HCL. n, w/100,000# DIS 15% HCL. n, w/100,000# DIS 15% HCL.	Frac v 20/40 Frac v 20/40 Frac v	v/48,594 gals Brady Sand. v/49,748 gals Brady Sand. v/25,830 gals	60Q slickwater N2 = 1,123,200 SCF 60Q slickwater N2 = 997,400 SCF
31 PERFORA .34" @ 1 SI PLO 5175' MF/CH 47	ATION RECOR PF - 5713' = 709' - 509 0' - 4645' =	BOTTOM (MD)  AD (Interval, size and nu  30 holes  95' = 30 holes	SACKS CEMENT	32. 5175' - 5713' 4709' - 5095'	SIZE 2-3/8", 4.7#	ACID, SHO A/10 bb N2 foam A/10 bb N2 foam A/10 bb	7513' DT, FRACTURE, DIS 15% HCL. n, w/100,000# DIS 15% HCL. n, w/100,000# DIS 15% HCL.	Frac v 20/40 Frac v 20/40 Frac v	v/48,594 gals Brady Sand. v/49,748 gals Brady Sand. v/25,830 gals	60Q slickwater N2 = 1,123,200 SCF 60Q slickwater N2 = 997,400 SCF 20# linear 75Q N2
31 PERFORA .34" @ 1 SI PLO 5175' MF/CH 47 Lewis 4150 Total holes	ATION RECOR IPF - 5713' = 709' - 509 0' - 4645' : 8 = 90	BOTTOM (MD)  D (Interval, size and nu  No holes  So holes  No holes  No holes	SACKS CEMENT	32. 5175' - 5713' 4709' - 5095' 4150' - 4645'	SIZE 2-3/8", 4.7#  A  PRODUCTION	ACID, SHO ACID, SHO N2 foam A/10 bb N2 foam A/10 bb foam, w	7513' DT, FRACTURE, DIS 15% HCL. n, w/100,000# DIS 15% HCL. n, w/100,000# DIS 15% HCL.	Frac v 20/40 Frac v 20/40 Frac v 40 Bra	w/48,594 gals Brady Sand. w/49,748 gals Brady Sand. w/25,830 gals ady Sand. N2	60Q slickwater N2 = 1,123,200 SCF 60Q slickwater N2 = 997,400 SCF 20# linear 75Q N2 = 1,441,900 SCF
31 PERFORA .34" @ 1 SI PLO 5175' MF/CH 47 Lewis 4150 Total holes 33. DATE FIRST PR	ATION RECOR IPF - 5713' = 709' - 509 0' - 4645' : 8 = 90	BOTTOM (MD)  D (Interval, size and nu  No holes  So holes  No holes  No holes	SACKS CEMENT	32. 5175' - 5713' 4709' - 5095' 4150' - 4645'	SIZE 2-3/8", 4.7#  A  PRODUCTION	ACID, SHO ACID, SHO N2 foam A/10 bb N2 foam A/10 bb foam, w	7513' DT, FRACTURE, DIS 15% HCL. n, w/100,000# DIS 15% HCL. n, w/100,000# DIS 15% HCL.	Frac v 20/40 Frac v 20/40 Frac v 40 Bra	w/48,594 gals Brady Sand. w/49,748 gals Brady Sand. w/25,830 gals ady Sand. N2	60Q slickwater N2 = 1,123,200 SCF 60Q slickwater N2 = 997,400 SCF 20# linear 75Q N2
31 PERFORA .34" @ 1 SI PLO 5175' MF/CH 47 Lewis 4150 Total holes 33. DATE FIRST PR SI W/O Faci	ATION RECOR SPF - 5713' = 709' - 509 0' - 4645' : 8 = 90	BOTTOM (MD)  30 holes  55' = 30 holes  = 30 holes	SACKS CEMENT	32. 5175' - 5713' 4709' - 5095' 4150' - 4645' wing, gas lift, pumping—s	SIZE 2-3/8", 4.7#  A  PRODUCTION size and type of pure	ACID, SHO ACID, SHO A/10 bb N2 foam A/10 bb N2 foam A/10 bb	7513' DT, FRACTURE, SIS 15% HCL. IN, W/100,000# SIS 15% HCL. IN, W/100,000# SIS 15% HCL. IN, W/200,000# 20/	CEMEN Frac v 20/40 Frac v 20/40 Frac v /40 Bra	w/48,594 gals Brady Sand. w/49,748 gals Brady Sand. w/49,748 gals Brady Sand. w/25,830 gals ady Sand. N2	60Q slickwater N2 = 1,123,200 SCF 60Q slickwater N2 = 997,400 SCF 20# linear 75Q N2 = 1,441,900 SCF
31 PERFORA .34" @ 1 SI PLO 5175' MF/CH 47 Lewis 4150 Total holes 33. DATE FIRST PR	ATION RECOR SPF - 5713' = 709' - 509 0' - 4645' : 8 = 90	BOTTOM (MD)  D (Interval, size and nu  No holes  So holes  No holes  No holes	SACKS CEMENT  LIMBON METHOD (FIGURE SIZE   PI	32. 5175' - 5713' 4709' - 5095' 4150' - 4645'	SIZE 2-3/8", 4.7#  A  PRODUCTION size and type of pure	ACID, SHO ACID, SHO N2 foam A/10 bb N2 foam A/10 bb foam, w	7513' DT, FRACTURE, SIS 15% HCL. IN, W/100,000# SIS 15% HCL. IN, W/100,000# SIS 15% HCL. IN, W/200,000# 20/	CEMEN Frac v 20/40 Frac v 20/40 Frac v /40 Bra	w/48,594 gals Brady Sand. w/49,748 gals Brady Sand. w/25,830 gals ady Sand. N2	60Q slickwater N2 = 1,123,200 SCF 60Q slickwater N2 = 997,400 SCF 20# linear 75Q N2 = 1,441,900 SCF
31 PERFORA .34" @ 1 SI PLO 5175' MF/CH 47 Lewis 4150 Total holes 33. DATE FIRST PR SI W/O Faci DATE OF TEST 7/3/08	ATION RECOR SPF - 5713' = 709' - 509 0' - 4645' = 8 = 90	BOTTOM (MD)  30 holes  95' = 30 holes  = 30 holes  PRODUCTION HOURS TESTED	SACKS CEMENT  LIMITORY  CHOKE SIZE PI TE 1/2"	32. 5175' - 5713' 4709' - 5095' 4150' - 4645' wing, gas lift, pumping-s Flowing ROD'N FOR OIL-E	PRODUCTION size and type of purm	ACID, SHO ACID, SHO A/10 bb N2 foam A/10 bb N2 foam A/10 bb	7513' DT, FRACTURE, DIS 15% HCL. IN, W/100,000# DIS 15% HCL. IN, W/100,000# DIS 15% HCL. IV/200,000# 20/	Frac version of the control of the c	w/48,594 gals Brady Sand. w/49,748 gals Brady Sand. w/25,830 gals ady Sand. N2  WELL STATUS (F S) R-BBL 0 bwph	60Q slickwater N2 = 1,123,200 SCF 60Q slickwater N2 = 997,400 SCF 20# linear 75Q N2 = 1,441,900 SCF froducing or shut-in) GAS-Oil RATIO
31 PERFORA .34" @ 1 SI PLO 5175' MF/CH 47 Lewis 4150 Total holes 33. DATE FIRST PR SI W/O Faci DATE OF TEST 7/3/08	ATION RECOR SPF - 5713' = 709' - 509 0' - 4645' = 8 = 90	BOTTOM (MD)  30 holes  95' = 30 holes  = 30 holes  PRODUCTION HOURS TESTED	CHOKE SIZE PI	32. 5175' - 5713' 4709' - 5095' 4150' - 4645' wing, gas int, pumping-s Flowing ROD'N FOR OIL-E	PRODUCTION size and type of pum	A/10 bb N2 foam A/10 bb N2 foam A/10 bb N2 foam, w	7513' DT, FRACTURE, DIS 15% HCL. III, w/100,000# DIS 15% HCL. III, w/100,000# DIS 15% HCL. III/200,000# 20/	Frac version of the control of the c	w/48,594 gals Brady Sand. w/49,748 gals Brady Sand. w/25,830 gals ady Sand. N2  WELL STATUS (F S) R-BBL 0 bwph	60Q slickwater N2 = 1,123,200 SCF 60Q slickwater N2 = 997,400 SCF 20# linear 75Q N2 = 1,441,900 SCF
31 PERFORA .34" @ 1 SI PLO 5175'  MF/CH 47  Lewis 4150  Total holes 33.  DATE FIRST PR SI W/O Faci DATE OF TEST  7/3/08  FLOW. TUBING	ATION RECOR PF - 5713' = 709' - 509 0' - 4645' : 8 = 90 RODUCTION SIRIES	BOTTOM (MD)  30 holes  95' = 30 holes  = 30 holes  PRODUCTION HOURS TESTED  1 CASING PRESSURE	SACKS CEMENT  LIMITORY  CHOKE SIZE PI TE 1/2"	32. 5175' - 5713' 4709' - 5095' 4150' - 4645'  wing, gas im, pumping-s Flowing ROD'N FOR OIL-E ST PERIOD OIL-BBL	PRODUCTION size and type of puring  BBL  1 boph  GAS-MCF	A/10 bb N2 foam A/10 bb N2 foam A/10 bb N2 foam, w	7513' DT, FRACTURE, IS 15% HCL. IN, W/100,000# IS 15% HCL. IN, W/100,000# IS 15% HCL. IV/200,000# 20/	Frac v 20/40 Frac v 20/40 Frac v 40 Bra	w/48,594 gals Brady Sand. w/49,748 gals Brady Sand. w/25,830 gals ady Sand. N2  WELL STATUS (F SI R-BBL 0 bwph	60Q slickwater N2 = 1,123,200 SCF 60Q slickwater N2 = 997,400 SCF 20# linear 75Q N2 = 1,441,900 SCF froducing or shut-in) GAS-Oil RATIO
SIZE  31 PERFORA .34" @ 1 SI PLO 5175'  MF/CH 47  Lewis 4150  Total holes 33.  DATE FIRST PR SI W/O Faci DATE OF TEST  7/3/08  FLOW. TUBING  SI -285	ATION RECOR SPF - 5713' = 709' - 509 0' - 4645' : 8 = 90 RODUCTION Sillities	BOTTOM (MD)  30 holes  95' = 30 holes  = 30 holes  PRODUCTION HOURS TESTED	CHOKE SIZE PI TE 1/2"  CALCULATED 24-HOUR RATE	32. 5175' - 5713' 4709' - 5095' 4150' - 4645' wing, gas lift, pumping-s Flowing ROD'N FOR OIL-E	PRODUCTION size and type of purm	A/10 bb N2 foam A/10 bb N2 foam A/10 bb N2 foam, w	7513' DT, FRACTURE, IS 15% HCL. IN, W/100,000# IS 15% HCL. IN, W/100,000# IS 15% HCL. IV/200,000# 20/	Frac version of the control of the c	w/48,594 gals Brady Sand. w/49,748 gals Brady Sand. w/25,830 gals ady Sand. N2 WELL STATUS (F SI R-BBL 0 bwph	FC.  60Q slickwater  N2 = 1,123,200 SCF  60Q slickwater  N2 = 997,400 SCF  20# linear 75Q N2  = 1,441,900 SCF  roducing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR)
SIZE  31 PERFORA .34" @ 1 SI PLO 5175'  MF/CH 47  Lewis 4150  Total holes 33.  DATE FIRST PR SI W/O Faci DATE OF TEST  7/3/08  FLOW. TUBING  SI -285: 34. DISPOSITION	ATION RECOR SPF - 5713' = 709' - 509 0' - 4645' : 8 = 90 RODUCTION cilities	BOTTOM (MD)  BO (Interval, size and nu  30 holes  95' = 30 holes  = 30 holes  PRODUCT  HOURS TESTED  1  CASING PRESSURE  SI- 442#  Sold, used for fuel, venter	CHOKE SIZE PI TE 1/2"  CALCULATED 24-HOUR RATE PO, etc.)	32.  5175' - 5713'  4709' - 5095'  4150' - 4645'  4150' - 4645'  Wing, gas Iff. pumping-s Flowing ROD'N FOR OIL-E EST PERIOD OIL-BBL 24 bopd	PRODUCTION size and type of pure  1 boph GAS-MCF  1320 mcf/d	A/10 bb N2 foam A/10 bb N2 foam A/10 bb N2 foam, w	7513' DT, FRACTURE, IS 15% HCL. IN, W/100,000# IS 15% HCL. IN, W/100,000# IS 15% HCL. IV/200,000# 20/	Frac v 20/40 Frac v 20/40 Frac v 40 Bra	w/48,594 gals Brady Sand. w/49,748 gals Brady Sand. w/25,830 gals ady Sand. N2  WELL STATUS (F SI R-BBL 0 bwph	FC.  60Q slickwater  N2 = 1,123,200 SCF  60Q slickwater  N2 = 997,400 SCF  20# linear 75Q N2  = 1,441,900 SCF  roducing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR)
SIZE  31 PERFORA .34" @ 1 SI PLO 5175'  MF/CH 47  Lewis 4150  Total holes 33.  DATE FIRST PR SI W/O Faci DATE OF TEST  7/3/08  FLOW. TUBING  SI -285: 34. DISPOSITION	ATION RECOR SPF - 5713' = 709' - 509 0' - 4645' : 8 = 90 RODUCTION Cilities SPRESS.	BOTTOM (MD)  BO (Interval, size and nu  30 holes  95' = 30 holes  = 30 holes  PRODUC  HOURS TESTED  1  CASING PRESSURE  SI- 442# Sold, used for fuel, vente 0 facilities to be	CHOKE SIZE PI TE 1/2"  CALCULATED 24-HOUR RATE PO, etc.)	32. 5175' - 5713' 4709' - 5095' 4150' - 4645'  wing, gas im, pumping-s Flowing ROD'N FOR OIL-E ST PERIOD OIL-BBL	PRODUCTION size and type of pure  1 boph GAS-MCF  1320 mcf/d	A/10 bb N2 foam A/10 bb N2 foam A/10 bb N2 foam, w	7513' DT, FRACTURE, IS 15% HCL. IN, W/100,000# IS 15% HCL. IN, W/100,000# IS 15% HCL. IV/200,000# 20/	Frac v 20/40 Frac v 20/40 Frac v 40 Bra	w/48,594 gals Brady Sand. w/49,748 gals Brady Sand. w/25,830 gals ady Sand. N2 WELL STATUS (F SI R-BBL 0 bwph	FC.  60Q slickwater  N2 = 1,123,200 SCF  60Q slickwater  N2 = 997,400 SCF  20# linear 75Q N2  = 1,441,900 SCF  roducing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR)
SIZE  31 PERFORA .34" @ 1 SI PLO 5175'  MF/CH 47  Lewis 4150  Total holes 33.  DATE FIRST PR SI W/O Faci DATE OF TEST  7/3/08  FLOW. TUBING  SI -285 34. DISPOSITE To be s 35 LIST OF A This will	ATION RECORDED TO THE PRESS.  SHOULD FRESS.  ATION OF GAS (SOLD)  THE PRESS.  ATION OF GAS (SOLD)  ATION OF GAS (SOLD)	BOTTOM (MD)  BO (Interval, size and nuit)  30 holes  55' = 30 holes  = 30 holes  PRODUCT  HOURS TESTED  1  CASING PRESSURE  SI- 442# Sold, used for fuel, vented of facilities to be sold.	CHOKE SIZE PITE TO CALCULATED 24-HOUR RATE PICK. PER Set before fince the DHC approach to the DHC approach	32.  5175' - 5713'  4709' - 5095'  4150' - 4645'  4150' - 4645'  Wing, gas Int. pumping—s Flowing ROD'N FOR OIL—BE  24 bopd  irst production.  oplication is appr	PRODUCTION size and type of pum GAS-MCF 1320 mcf/d	A/10 bb N2 foam A/10 bb N2 foam A/10 bb Foam, w	7513' DT, FRACTURE, IS 15% HCL. IN, W/100,000# IS 15% HCL. IN, W/100,000# IS 15% HCL. IV/200,000# 20/	Frac v 20/40 Frac v 20/40 Frac v 40 Bra	w/48,594 gals Brady Sand. w/49,748 gals Brady Sand. w/25,830 gals ady Sand. N2 WELL STATUS (F SI R-BBL 0 bwph	FC.  60Q slickwater  N2 = 1,123,200 SCF  60Q slickwater  N2 = 997,400 SCF  20# linear 75Q N2  = 1,441,900 SCF  roducing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR)
SIZE  31 PERFORA .34" @ 1 SI PLO 5175'  MF/CH 47  Lewis 4150  Total holes 33.  DATE FIRST PR SI W/O Faci DATE OF TEST  7/3/08  FLOW. TUBING  SI -285 34. DISPOSITE To be s 35 LIST OF A This will	ATION RECORDED TO THE PRESS.  SHOULD FRESS.  ATION OF GAS (SOLD)  THE PRESS.  ATION OF GAS (SOLD)  ATION OF GAS (SOLD)	BOTTOM (MD)  BO (Interval, size and nuit)  30 holes  55' = 30 holes  = 30 holes  PRODUCT  HOURS TESTED  1  CASING PRESSURE  SI- 442# Sold, used for fuel, vented of facilities to be sold.	CHOKE SIZE PITE TO CALCULATED 24-HOUR RATE PICK. PER Set before fince the DHC approach to the DHC approach	32.  5175' - 5713'  4709' - 5095'  4150' - 4645'  4150' - 4645'  Wing, gas Im. pumping-s Flowing ROD'N FOR OIL-E EST PERIOD OIL-BBL 24 bopd  irst production.	PRODUCTION size and type of pum GAS-MCF 1320 mcf/d	A/10 bb N2 foam A/10 bb N2 foam A/10 bb Foam, w	7513' DT, FRACTURE, IS 15% HCL. IN, W/100,000# IS 15% HCL. IN, W/100,000# IS 15% HCL. IV/200,000# 20/	Frac v 20/40 Frac v 20/40 Frac v 40 Bra	w/48,594 gals Brady Sand. w/49,748 gals Brady Sand. w/25,830 gals ady Sand. N2 WELL STATUS (F SI R-BBL 0 bwph	FC.  60Q slickwater  N2 = 1,123,200 SCF  60Q slickwater  N2 = 997,400 SCF  20# linear 75Q N2  = 1,441,900 SCF  roducing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR)
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SIZE  31 PERFORA .34" @ 1 SI PLO 5175'  MF/CH 47  Lewis 4150  Total holes 33.  DATE FIRST PR SI W/O Faci DATE OF TEST  7/3/08  FLOW. TUBING  SI -285 34. DISPOSITE To be s 35 LIST OF A This will	ATION RECORDED TO THE PRESS.  SHOULD FRESS.  ATION OF GAS (SOLD)  THE PRESS.  ATION OF GAS (SOLD)  ATION OF GAS (SOLD)	BOTTOM (MD)  BO (Interval, size and nuit)  30 holes  55' = 30 holes  = 30 holes  PRODUCT  HOURS TESTED  1  CASING PRESSURE  SI- 442# Sold, used for fuel, vented of facilities to be sold.	SACKS CEMENT  Lumber  CHOKE SIZE  1/2"  CALCULATED  24-HOUR RATE  ed, etc.)  e set before fi  Ince the DHC ap	32.  5175' - 5713'  4709' - 5095'  4150' - 4645'  4150' - 4645'  OIL-BBL  24 bopd  irst production.  oplication is appresent and correct as determine	PRODUCTION size and type of puring  BBL  1 boph  GAS-MCF  1320 mcf/d	A/10 bb N2 foam A/10 bb N2 foam A/10 bb Foam, w	7513' DT, FRACTURE, IS 15% HCL. IN, w/100,000# IS 15% HCL. IN, w/100,000# IS 15% HCL. IN, w/200,000# 20/	CEMEN Frac v 20/40 Frac v 20/40 Bra WATE	w/48,594 gals Brady Sand. w/49,748 gals Brady Sand. w/25,830 gals ady Sand. N2  WELL STATUS (P SI R-BBL  0 bwph  TEST WITNESSE	FC.  60Q slickwater N2 = 1,123,200 SCF 60Q slickwater N2 = 997,400 SCF 20# linear 75Q N2 = 1,441,900 SCF Froducing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR ) D BY
SIZE  31 PERFORA .34" @ 1 SI PLO 5175'  MF/CH 47  Lewis 4150  Total holes 33.  DATE FIRST PR SI W/O Faci DATE OF TEST  7/3/08  FLOW. TUBING  SI -285: 34. DISPOSITION To be si 35. LIST OF A This will 36. I hereby ce	ATION RECORDED TO THE PRESS.  SHOULD FRESS.  ATION OF GAS (SOLD)  THE PRESS.  ATION OF GAS (SOLD)  ATION OF GAS (SOLD)	BOTTOM (MD)  30 holes  35' = 30 holes  30 holes  FRODUCTION  HOURS TESTED  1 CASING PRESSURE  SI- 442# Sold, used for fuel, venter Of facilities to be sold to be sol	CHOKE SIZE  1/2"  CALCULATED 24-HOUR RATE  e set before fince the DHC apinformation is completed.	32.  5175' - 5713'  4709' - 5095'  4150' - 4645'  4150' - 4645'  OIL-BRI.  24 bopd  irst production.  oplication is apprete and correct as determined by the second correct as	PRODUCTION uze and type of purn SBL  1 boph GAS-MCF  1320 mcf/d oved nined from all availa	A/10 bb N2 foam A/10 bb N2 foam A/10 bb foam, w	7513' DT, FRACTURE, IN, W/100,000# INS 15% HCL. IN, W/100,000# INS 15% HCL. IN, W/100,000# INS 15% HCL. IN W/100,000# INS 15% HCL. IN W/100,000# IN THE INSTALL IN WATER-BB	CEMEN Frac v 20/40 Frac v 20/40 Bra  WATE	w/48,594 gals Brady Sand. w/49,748 gals Brady Sand. w/25,830 gals ady Sand. N2  WELL STATUS (F S) R-BBL 0 bwph	FC.  60Q slickwater  N2 = 1,123,200 SCF  60Q slickwater  N2 = 997,400 SCF  20# linear 75Q N2  = 1,441,900 SCF  roducing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR)
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API # 30-039-30353			San Juan 29-7 Unit 57E	T C	<u>\$</u>
Ojo Alamo	2242'	2362'	White, cr-gr ss.	Ojo Alamo 🐉	2242'
Kirtland	2362'	2860'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland '	2362
Fruitland			Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2 <u>8</u> 60'
Pictured Cliffs			Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3131'
Lewis			Shale w/siltstone stringers	Lewis	3322'
Huerfanito Bentonite	3864'	4143'	White, waxy chalky bentonite	Huerfanito Bent.	3 <b>8</b> 64'
Chacra	4143'	4682'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4443'
Mesa Verde	4682'		Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4682'
Menefee	7979'	5317'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	7979'
Point Lookout	5317'	5730'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5317'
Mancos	5730'		Dark gry carb sh.	Mancos	5730'
Gallup	6577'	7299'	Lt gry to bm calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6577'
Greenhorn	7299'		Highly calc gry sh w/thin lmst.	Greenhorn	7299'
Graneros	7393'	7418'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7393'
Dakota	7418'	,	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7418'
Morrison	•		Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	•