Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROYED OMB No. 1004/0137 Expires: November 30, 2000

	WELL	COMPI	ETION C	R RE	COM	PLETI	ON RI	EPOF	₹T	AND L	.OG				ease Serial		····
la. Type o	of Well] Oil Wel	⊠ Gas	Well	☐ Dr	у 🗆	Other							6. If	Indian, Al	lottee (or Tribe Name
b. Type o	of Completio	_	New Well er	□ Wo	ork Ovei	· 🗀 1	Deepen		Plug	Back	☐ Dif	f. Re	esvr.	7. Ü	nit or CA	Agreen	nent Name and No.
2. Name o	of Operator			•	C	Contact: [ERRY	000 ka	900	com		ease Name		ell No.
3. Address	P.O. BOX						3a.	Phone	e No	. (includ	e area o				PI Well No		·
4 Locatio	HOUSTO n of Well (Re			nd in ac	nordon.	a with E				(1005 ₂	<u> </u>	Υς.	<u>्रिक</u> (हिंद्री	10	C' 11 15		30-039-26716
				na m ac	cordan	ze willi r	ederai re	equiren	nems	OCT	2001				BLANCO M		Exploratory /ERDE
At surface SWSE 660FSL 1980FEL At top prod interval reported below At top prod interval reported below At surface SWSE 660FSL 1980FEL At surface SWSE 660FSL 1980FEL At surface SWSE 660FSL 1980FEL									11. Sec., T., R., M., or Block and Survey or Area Sec 21 T26N R6W Mer NMP								
At total depth DIST. 3									12.	County or F	Parish	13. State					
14. Date S	pudded				. Reach	ed		16.1	Tate	Complet	ed	_ `	V				NM B, RT, GL)*
08/24/2		145		/03/200						CERT P		<u> </u>			669	98 GL	···
18. Total I		MD TVD	7655			ug Back		MD TV		75	61		20. Dej	oth Bri	dge Plug S		MD TVD
21. Type E TRIPLI	Electric & Ot E COMBO,	her Mecha DEPTH (nical Logs R CORRELAT	lun (Sul ION	bmit cop	y of eac	h)				W	as D	ell core ST run? onal Su	-	⊠ No	☐ Ye	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23. Casing a	nd Liner Rec	ord (Repe	ort all strings	set in 1	well)												
Hole Size	Size/C	Grade	Wt. (#/ft.)	To (MI	· I	Bottom (MD)	_	Cemer Depth	nter		f Sks. & of Ceme		Slurry (BB		Cement 7	Гор*	Amount Pulled
12.250		625 J-55	36.0			514			30		300				0		
7.875	5 4.	500 J-55	11.0	ļ		764	0		_		14	25				0	
	 			-	-							\dashv					
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24. Tubing		<i>(</i> 5) 5		 1	T	- T						_					
Size 2.375	Depth Set (N	и <u>D) Р</u> 7295	acker Depth	(MD)	Size	Dep	th Set (I	MD)	Pa	icker Der	oth (MD	+	Size	De	pth Set (M)	D)	Packer Depth (MD)
	ing Intervals	7235				20	6. Perfor	ation R	teco	rd				1			
F	ormation		Тор	Top Bottom			Perforated Interval Size					Size	No. Holes Perf. Status			Perf. Status	
A) BLANC	CO MESAVI	ERDE		5152	152 5360		5152 TO 53			O 5360	360		31				
B)												_				Ļ	
C) D)				-								.					
	racture, Treat	tment, Ce	ment Squeeze	e, Etc.													
	Depth Interv	al		,					An	ount and	Type o	f Ma	terial				
	51	52 TO 5	360 FRAC W	//112,00	0 20/40	SAND &	66,700	SCF N2	2, 68	5 BBLS F	LUID						
																	
					-												
28. Product	ion - Interval	A															
Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MC	F	Water BBL		il Gra		Gas Gra	vity		Production	on Method		
10/05/2001 hoke	10/05/2001 Tbg. Press.	Csg.	24 Hr.	1.0 Oil	Gas	330.0	4.0 Water	G	as:Oil		- Wa	ll Stat			FLOW	/S FRO	DM WELL
lize 1/2		Press.	Rate	BBL	MC		BBL		atio		""						
	tion - Interva	600.0 al B					.	<u> </u>			L	G	51				
Date First	Test	Hours	Test	Oil	Gas		Water		il Gra		Gas			Production	on Method		·
roduced	Date	Tested	Production	BBL	МС	r	BBL	Co	orr. A	PI	Gra	vity					
`hoke iize	Tbg. Press. Flwg	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MC		Water BBL		as:Oil atio		We	ll Stat	us				PECOR

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #8039 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

28b. Produ	iction - Interv	al C	,		, ·	T .				. 70	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Pı	roduction Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status			
28c. Produ	ction - Interv	al D									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr. API	Gas Gravity	Pı	roduction Method	
Choke Size				Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	Well Status		
29. Dispos	ition of Gas(S	old, used f	or fuel, veni	ed, etc.)	·	· I		· · · · · · · · · · · · · · · · · · ·			
30. Summ	ary of Porous	Zones (Inc	lude Aquife	ers):				31	. Forma	ation (Log) Markers	
tests, in	all important a neluding dept coveries.	zones of po h interval to	rosity and c ested, cushi	ontents ther on used, tim	eof: Cored i e tool open	intervals and a , flowing and s	ill drill-stem shut-in pressure	s			
	Formation		Тор	Bottom		Descriptions	, Contents, etc.			Name	Top Meas. Depth
32. Additi This w	onal remarks vell is DHC'd	(include ph in the Bla	2310 ugging proc nco Mesav	edure): erde and B	asin Dako	ta. Attached	is the daily		KIRTI FRUI PICTI HUEF CHAC CLIFF MENI POIN MANO U GA SANO GREE	FHOUSE EFEE IT LOOKOUT COS LLUP DSTEE ENHORN NEROS	2310 2470 2546 2963 3392 3837 4632 4668 5202 5534 6280 6811 7112 7166 7216
33 Circle	enclosed attac	hments:									
	ctrical/Mecha		(1 full set re	eq'd.)		2. Geologic R	eport	3. DS	T Repo	rt 4. Direction	nal Survey
5. Sur	idry Notice fo	r plugging	and cement	verification		6. Core Analy	zsis .	7 Oth	er:		
34. I hereb	by certify that	the foregoi	Elec	tronic Subn	nission #80. For CONO	39 Verified by CO INC., ser	rect as determine y the BLM Wel nt to the Farmi y Maurice Joh	l Informatio ngton	n Syste		tions):
Name	(please print)	DEBORA				Processing D	-	IBMITTING			
Signat	ure	(Electronic	c Submissi	on)			Date <u>10</u>	/17/2001			
Title 18 U	S.C. Section	1001 and T	itle 43 U.S	C. Section	1212, make	it a crime for a	any person knov to any matter v	wingly and wi	illfully t	to make to any department or	agency
or the Uni	ieu states any	raise, Hell	nous of Hac	micint Statell	iente or rebi	cocmanulis as	i to miy matter v	, 100 Jui 13	a.v.ivii.	•	

API 300392671600 County RIO ARRIBA StateProvince NEW MEXICO NMPM-26N-6W-21-0 660.0 S 1980.0 E	FEDERAL 13R	(SSM 9/20/200	01)					Initia	I Com	pletion				
300382871600 RIO ARRIBA NAW MEXICO NAMPH-X3N-8W-21-O 6800 S 1980 E 1986 E 1987				Daily S	Summary									
### 11.00 6698.00 7,655.0 8/24/2011 9/6/2001 36*28* 0.3504* N 10*7* 28*13.4904* W ### 20/2001 ### 20 ARFETY MERTING, MIRU 9/6/2001 ### 20 ARFETY MERTING, MIRU 2.9 ARFET MERTING, MIRU 3.0 ARFET MERTING 3.0 ARFET MERTING, MIRU 3.0 ARFET MERTING 3.0 ARFET MERTING 3.0 ARFET MERTING 3.0 ARFET MERTING	арі 300392671600	1 '	RIBA	NEW MEXICO		N-6W-21-O		1 7	1 '	_				
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										·				
### HELD SAFETY MEETING, OPENED UP WELL, CSG PRESSURE OR, NOWN - NUBOP, TESTED 80P TO 250 # & 5000 #. ### S071 PIPE & BUND RANS, TEAL DOK, RIH, WIT 787 MILL, DOX 298 *T BG TO 4400; SWION. ### S07222001 HELD SAFETY MEETING, OPENED UP WELL, CSG PRESSURE OR, RIHW 3 78" MILL ON 2 38" TBG, TAGGED DVT @ 9422201 ### S0722001 HELD SAFETY MEETING, OPENED UP WELL, CSG PRESSURE OR, RIHW 3 78" MILL, ON 2 38" TBG, TAGGED DVT @ 9420201 ### S0722001 HELD SAFETY MEETING, OPENED UP WELL, CSG PRESSURE OR, RIHW 3 78" MILL, ON 2 38" TBG, TAGGED DVT @ 9420201 ### S0722001 HELD SAFETY MEETING, OPENED UP WELL, CSG PRESSURE OR, CIRCULATED HOLE CLEAN WI 140 BBLS 29", KCL WATER, POOH WIS 78" MILL, & 2 38" TBG, TESTED CSG TO 4300 #. HELD OK, SWION. ### S0722001 HELD SAFETY MEETING, OPENED UP WELL, CSG PRESSURE OR, CIRCULATED HOLE CLEAN WI 140 BBLS 29", KCL WATER, POOH WIS 78" MILL, & 2 38" TBG, TESTED CSG TO 4300 #. HELD OK, SWION. ### S0722001 HELD SAFETY MEETING, OPENED UP WELL, CSG PRESSURE OR, CIRCULATED HOLE, CLEAN WI 140 BBLS 29", KCL HELD SAFETY MEETING, OPENED UP WELL, CSG PRESSURE OR, RUBBLE LET, RAN GROCIL LOG FROM 7581" TO 4500. ### S0722001 HELD SAFETY MEETING, OPENED UP WELL, CSG PRESSURE OR, RUBBLE LET, RAN GROCIL LOG FROM 7581" TO 4500. ### S0722001 HELD SAFETY WEETING, OPENED UP WELL, CSG PRESSURE OR, RUBBLE LET, RAN GROCIL LOG FROM 7581" TO 4500. ### S0722001 HELD SAFETY WEETING, OPENED UP WELL, CSG PRESSURE OR, RUBBLE LET, RAN GROCIL LOG FROM 7581" TO 4500. ### S0722001 HELD SAFETY WEETING, OPENED UP WELL, CSG PRESSURE OR, RUBBLE LET, RUB		HELD SAFETY MEET												
SOTTH PIPE & BLIND RAMS. HELD OK. RIHW! 3 78" MILL ON 2 38" TIBG TO 4400. SWION.														
RIGHAD TO SHUT DOWN BECAUSE HYDRAULIC PLMP WENT OUT.	0,2 1,200 1													
PURPLY P	9/22/2001						3.							
### DRILLED OUT DVT @ 4494; RIH & TAGSED DVT @ 6152. RIH W TBG TO 7581*. PRID. SWONN ### PRID. SAPETY MEETING. OPENED UP WELL. CSG PRESSURE 0 #. CIRCULATED HOLD CLEAN W! 140 BBLS 2*/# KCL. WATER. POOH W/J 3*/# MILL & 2 28* TBG. SET TO 4300 #. HELD OK, SWON. ### PRID. SAPETY MEETING. OPENED UP WELL. CSG PRESSURE 0 #. RU BLUE JET. RAN GROCAL LOG FROM 7581* TO 4500 ### PRID. SAPETY MEETING. OPENED UP WELL. CSG PRESSURE 0 #. RU BLUE JET. RAN GROCAL LOG FROM 7581* TO 4500 ### PRID. SAPETY MEETING. OPENED UP WELL. CSG PRESSURE 0 #. RU BLUE JET. RAN GROCAL LOG FROM 7521* 7234 W! 1/2 SPF, 7305* 7319 W! 1/2 SPF, 7351* 7357* W! 1/2 SPF, 7370* 7376* W! 1 SPF. A TOTAL OF 27 HOLES. RD ### BLUE JET. SWON ### BLUE JET. SWO														
WATER POOH W 3 76" MILL & 2 36" TBG. TESTED CSG TO 4300 #. HELD OK. SWON. PERFORATED THE DAKOTA, RIN W 3 16" 120 DEGREE PP SELECT PIRE PERFORATING GUN. PERFORATED PROM 720" PERFORATED THE DAKOTA, RIN W 3 16" 120 DEGREE PP SELECT PIRE PERFORATING GUN. PERFORATED PROM 720" 723" W 11" SSP 7, 730" - 7319 W 112 SPF, 735" - 735" W 11/2 SPF, 7370" - 7376" W 1 SPF. A TOTAL OF 27 HOLES. RD BLUE JET. SWON. PLDS SAFETY MEETING, OPENED UP WELL. CSG PRESSURE. 0 #. RUB J SERVICES, PRACT THE DAKOTA. TESTED LINES TO 5300 #. SET POPOCPE, 9870 #. BROVE DOWN WELL FORMATION @ 98PM @ 259 #. DROPPED 24 BALL SEALERS, IN A 1000 GALS OF 15 % HCL ACID @ 18 BALL PERF BBL & 28 BALLS PER BBL FOR REMAINING 10 BALL SEALERS. @ 17 RPM 2614 #. A TOTAL OF 3 MBALL SEALERS. COOD BALL ACTION. BALLED CRP (9 3000 #. RU BLUE JET. RIN W JUNK BASKET. RETIRIEVED 38 BALL SEALERS, PUMPED PRE-PAD @ 25 BPM @ 3700 #. STEPPED DOWN RATE TO 24 BPM @ 310 #. STEPPED DOWN RATE. TO 17 BPM @ 2700 #. STEPPED DOWN RATE TO 24 BPM @ 310 #. STEPPED DOWN RATE TO 24 BPM @ 3700 #. STEPPED DOWN RATE TO 24 BPM @ 3700 #. STEPPED DOWN RATE TO 24 BPM @ 3700 #. STEPPED DOWN RATE TO 24 BPM @ 3700 #. STEPPED DOWN RATE TO 24 BPM @ 3700 #. STEPPED DOWN RATE TO 25 BPM @ 2150 #. SID PTS #. STEPPED DOWN RATE TO 24 BPM @ 250 #. BNN 3100 #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. SID PTS #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. SID PTS #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. SID PTS #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. SID PTS #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. SID PTS #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. SID PTS #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. SID PTS #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. SID PTS #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. SID PTS #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. SID PTS #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. STEPPED DOWN RATE TO 3 BPM @ 2150 #. STEPPED DOWN R	9/25/2001	4464'. DRILLED OU	464'. DRILLED OUT DVT @ 4464'. RIH & TAGGED DVT @ 6152'. DRILLED OUT DVT @ 6152'. RIH W/ TBG TO 7561' -											
PERFORATED THE DAKOTA. RIH W3 18" 120 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 7220 - 7234" W1 12 SPF, 7350" - 7319" W1 12 SPF, 7350" - 7319" W1 12 SPF, 7350" - 7350" W1 12" SPF, 7370" - 7376" W1 1 SPF, 7370"	9/26/2001							LEAN W/ 14	40 BBLS 2%	KCL				
UNES TO 5300 #. SET POP-OFF @ 3870 #. BROKE DOWN WELL FORMATION @ 9 BPM @ 2550 #. DROPPED 24 BALL SEALERS IN A 1000 GALS OF 15 % HCL ACID @ 1 BALL PER BBL & 2 BALLS PER DR M@ 2650 #. DROPPED 24 BALL SEALERS . @ 17 BPM @ 2644 #. A TOTAL OF 34 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3800 #. RU BLUE JET. RIH W/ JUNK BASKET. RETRIEVED 34 BALL SEALERS. PUMPED PRE-PAD @ 28 BPM @ 3700 #. STEPPED DOWN RATE TO 24 BPM @ 3700 #. STEPPED DOWN RATE TO 17 BPM @ 2570 #. STEPPED DOWN RATE TO 9 BPM @ 2150 #. ISIP 1775 # 5 MIN 1390 # 10 MIN 112 # 15 MIN 970 # 20 MIN 852 # 25 MIN 763 # 30 MIN 868 #. FRACD THE DAKOTA W/ 60 Q 2570 #. LINEAR FOAM, 50,000 #. 2040 SUPPER LC, 871,800 SCF N2, 840 BBLS FLUID. AVG RATE 24 BPM. AVG PRESSURE 3700 #. MAX PRESSURE 3000 #. MAX SAND CONS. 4 # PER GAL. ISIP 3164 # 5 MIN 3100 #. FRAC GRADIENT. 71. SWION. RD B. SERVICES 9/29/2001 HELD SAFETY MEETING. RU BLUE JET. RIH W/ 4 1/2* COMPOSITE PLUG. SET @ 5450*. TESTED COMPOSITE PLUG TO 4300 #. HELD CK. RIH W/3 1/2* 1/20 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATE THE MENEFEE & PONT LOOKOUT FROM 5152 - 5158 W/ 1/2 SPF, 5207 - 5212* W/ 1/2 SPF, 5216 - 5222* W/ 1/2 SPF, 5236* S-5238 W/ 1/2 SPF, 5236* S-5268 W/ 1/2 SPF, 5236* S-5269 W/ 1/2 SPF, 5267 S-5360 W/ 1/2 SPF, 52	9/27/2001	PERFORATED THE 7234' W/ 1/2 SPF, 73	DAKOTA. RI	IH W/ 3 1/8" 120	DEGREE PP SELI	ECT FIRE PERFO	DRATING G	UN. PERF	ORATED FF	ROM 7220' -				
HELD SAFETY MEETING. RU BLUE JET. RIH WY 4 1/2" COMPOSITE PLUG. SET @ 5457. TESTED COMPOSITE PLUG TO 4300 #. HELD OK. RIH WY 3 1/8" 1/20 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED THE MENEFEE & PONT LOOKOUT FROM 5152" - 5159° W/ 1/2 SPF, 5208" - 5212° W/ 1/2 SPF, 5218" - 5222° W/ 1/2 SPF, 5236" - 5238° W/ 1/2 SPF, 5278" - 5274" W/ 1/2 SPF, 5292" - 5300° W/ 1/2 SPF, 5240" - 5246° W/ 1/2 SPF, 5356" - 5360° W/ 1/2 SPF, 5278" - 5274 W/ 1/2 SPF, 5292" - 5300° W/ 1/2 SPF, 5340" - 5346° W/ 1/2 SPF, 5356" - 5360° W/ 1/2 SPF, 5278" - 5274 W/ 1/2 SPF, 5292" - 5300° W/ 1/2 SPF, 5340" - 5346° W/ 1/2 SPF, 5356" - 5360° W/ 1/2 SPF, 5278" - 5274 W/ 1/2 SPF, 5292" - 5300° W/ 1/2 SPF, 5340" - 5346° W/ 1/2 SPF, 5356" - 5360° W/ 1/2 SPF, 5278" - 5274 W/ 1/2 SPF, 5292" - 5300° W/ 1/2 SPF, 5340" - 5346° W/ 1/2 SPF, 5356" - 5360° W/ 1/2 SPF, 5278" - 5274 W/ 1/2 SPF, 5278" - 5278 W/ 1/2 SPF, 5278 W/	9/28/2001	HELD SAFETY MEE LINES TO 5300 #. S SEALERS IN A 1000 @ 17 BPM @ 2644 # W/ JUNK BASKET. F BPM @ 3190 #. STE MIN 1390 # - 10 MIN LINEAR FOAM, 50,0 MAX PRESSURE 38	ET POP-OFF I GALS OF 15 #. A TOTAL (RETRIEVED 3 EPPED DOWN I 1128 # - 15 I 100 # 20/40 SI	F @ 3870 #. BR 5 % HCL ACID @ OF 34 BALL SEA 34 BALL SEALEF N RATE TO 17 B MIN 970 # - 20 N UPER LC, 871,8	OKE DOWN WEL	.L FORMATION (\$L & 2 BALLS PE ALL ACTION. B E-PAD @ 29 BPP TEPPED DOWN N 763 # - 30 MIN 3BLS FLUID. AV	@ 9 BPM @ IR BBL FOR ALLED OFI M @ 3700 # RATE TO 1 688 #. FR 'G RATE 24	9 2550 #. D R REMAINII F @ 3800 # F. STEPPEL 9 BPM @ 2 RAC'D THE 4 BPM. AV	ROPPED 2 NG 10 BALL RU BLUE DOWN RA 150 #. ISIP DAKOTA V G PRESSU	4 BALL . SEALERS : . JET. RIH ATE TO 24 1775#-5 V/ 60 Q 25# RE 3700#.				
POP-OFF @ 3870 #. BROKE DOWN WELL FORMATION @ 23 BPM @ 3100 #. DROPPED 24 BALL SEALERS IN A 1000 GALS OF 15 % HCL ACID @ 1 BALL PER BBL & 2 BALLS PER BBL FOR REMAINING 14 BALL SEALERS @ 23 BPM @ 2208 #. A TOTAL OF 38 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3710 #. RU BILUE JET. RIH W. JUNK BASKET. RETRIEVED 34 BALL SEALERS. PUMPED PRE-PAD @ 37 BPM @ 2650 #. STEPPED DOWN RATE TO 29 BPM @ 2040 #. STEPPED DOWN RATE TO 21 BPM @ 1600 #. STEPPED DOWN RATE TO 14 BPM @ 1230 #. ISIP 950 # - 5 MIN 700 # - 10 MIN 608 # - 15 MIN 522 # - 20 MIN 436 # - 25 MIN 358 # . FRAC'D THE MENEFEE & POINT LOOKOUT W. 65 Q 25 # LINEAR FOAM, 19,809 # 20/40 BRADY SAND, 29,900 SCF N2, 347 BBLS FLUID. AVG RATE 57 BPM. AVG PRESSURE 3300 #. MAX PRESSURE 3800 #. MAX SAND CONS 2 # PER GAL. FRAC GRADIENT .61. PUMPED 20 % OF FRAC. HAD TO SHUT DOWN DUE TO EQUIPMENT PROBLEMS. SWON. RD BJ SERVICES. 10/2/2001 HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 1200 #. BLED WELL DOWN. RIH W. 2 3/8" TBG TO 3500'. SWON. 10/3/2001 HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 700 #. RIH W. 2 3/8" TBG. TAGGED SAND @ 4900'. 550' OF FILL. RU DRILL AIR. CLEANED OUT FROM 4900 TO 5150'. CIRCULATED WELL W. DRILL AIR. PUH TO 5100'. SWION. 10/4/2001 HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 1000 #. RIH W. 2 3/8" TBG. TAGGED SAND @ 5150'. 300' OF FILL. RU DRILL AIR. CLEANED OUT FROM 5150' TO 5450'. CIRCULATED WELL W. DRILL AIR. POH HO 5100'. SWION. 10/5/2001 HELD SAFETY MEETING. RU BJ SERVICES. FRACD THE MENEFEE & POINT LOOKOUT. TESTED LINES TO 5300 #. SET POP-OFF @ 3850 #. PUMPED PRE-PAD @ 38 BPM @ 3550 #. STEPPED DOWN RATE TO 26 BPM @ 2300 #. STEPPED DOWN RATE TO 15 BPM @ 1450 #. STEPPED DOWN RATE TO 11 BPM @ 1200 #. SIN 719 #. 10 MIN 471 #. 15 MIN 279 #. FRACD THE MENEFEE & POINT LOOKOUT W. 65 Q 25 # LINEAR FOAM, 112,000 #. 20/40 BRADY SAND, 666,700 SCF N2, 685 BBLS FLUID. AVG RATE 60 BPM. AVG PRESSURE 3300 #. MAX PRESSURE 3400 #. MAX SAND CONS 4 # PER GAL. SIP 2480 #. FRAC GRADIENT 62. SWION. RD BJ SERVICES. 10/6/2001 HELD SAFETY MEETING. OP	9/29/2001	4300 #. HELD OK. F LOOKOUT FROM 5 5247' - 5253' W/ 1/2 SPF. A TOTAL OF 3	RIH W/ 3 1/8" 1 152' - 5158' V SPF, 5270' - 81 HOLES. RI	120 DEGREE PP N/ 1/2 SPF, 520 · 5274' W/ 1/2 SI D BLUE JET. SI	SELECT FIRE PE 8' - 5212' W/ 1/2 S PF, 5292' - 5300' WION.	RFORATING GU SPF, 5218' - 522: W/ 1/2 SPF,534	N. PERFOR 2' W/ 1/2 SI 0' - 5346' W	RATED THE PF, 5236' - V/ 1/2 SPF,	MENEFEE 5238' W/ 1/3 5356' - 536	& PONT 2 SPF, 0' W/ 1/2				
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	10/8/2001	HELD SAFETY MEE OF FILL. RU DRILL	TING. OPEN AIR. CLEAN	IED UP WELL. (ED OUT FROM	CSG PRESSURE 5300' TO 5450'. (1050 #. RIH W/ CIRCULATED WE								

FEDERAL 13R	(SSM 9/20/200			Initia	l Completion
			Summary		
300392671600	County RIO ARR	3		NS Dist. (ft) NS Flag 660.0 S	EW Dist. (ft) EW Flag E
KB Elev (ft) 6711.00	Ground Elev (ft) 6698.00	Plug Back Total Depth (ftKB) 7,655.0	Spud Date Rig Release Date 8/24/2001 9/6/2001	Latitude (DMS) 36° 28' 0.3504" N	Longitude (DMS) 107° 28' 13.4904" W
Start			Ops This Rpt		
10/9/2001	5450'. NO FILL. PUH STABILIZED @ 50 #. MCFPD, 1 BOPD, 1	TO 5300'. TESTED THE TESTED WELL 4 HR AF BWPD. MESA VERDE F	. CSG PRESSURE 950 #. RIH W/2 MESA VERDE THROUGH 1/2" CHO TER WELL STABILIZED. TBG PRES ERFS @ 5152' TO 5360'. TEST WIT OSITE PLUG @ 5450'. PUH TO 510	KE AND UP 2 3/8" TBG SSURE 50 #. CSG PRE NESSED BY SAM MCF.	@ 5300'. WELL SSURE 265 #. 330
10/10/2001	HELD SAFETY MEET @ 7321'. 240' OF FIL	ING. OPENED UP WELL L. RU DRILL AIR. CLEA	CSG PRESSURE 1300 #. RIH W. NED OUT FROM 7321' TO 7561'. C S SAND PER HR. PUH TO 7150'. S	/ 3 7/8" MILL ON 2 3/8" T TRCULATED WELL W/	
10/11/2001	HELD SAFETY MEET NO FILL. POOH W/ THROUGH 1/2" CHO STABILIZED. TBG PI 7220' TO 7376'. MES 330 MCFPD. 1 BOPE	FING. OPENED UP WELI 3 7/8" MILL ON 2 3/8" TBI KE AND UP 2 3/8" TBG (RESSURE 180 #. CSG P &A VERDE PERFS @ 515	CSG PRESSURE 1150 #. RIH W/ G. RIH W/ 2 3/8" TBG TO 7295'. TE Ø 7295'. WELL STABILIZED @ 180 RESSURE 600 #. 1188 MCFPD. 2' TO 5360'. DAKOTA - 858 MCFPE T WITNESSED BY SAM MCFADDE	73 7/8" MILL ON 2 3/8" T STED THE DAKOTA & #. TESTED WELL 4 HF 2 BOPD. 8 BWPD D. 1 BOPD. 4 E	MESA VERDE RS AFTER WELL . DAKOTA PERFS @ BWPD. MESA VERDE -