Form 3160-4 (August 1999)

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

FORM APPROVED OMB NO. 1004-0137

Expires: November 30, 2000

5. Lease Serial No.

WELL COMP	PLETION	OR RECOMP	LETION REP	ORT AND	LOG
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												MUA	<u>70-98-0</u>	1013	ract 2
la. Type of	Well [	] Oil W	ell 🔀	Gas	Dry	Other					6. I	f Indian,	Allottee o	r Tribe	Name
b. Type of Completion: New Work Over Deepen Liping Back DrDiff Resyr									Jicarilla Apache Tribe						
••	•		Other		Hills P	ermit (	Clean	i-up P	rogra	miya	7. T	Jnit or C	A Agreem	ent Na	me and No.
2. Name of	Operator						j	RECEI	VED						
2. Manie or	-	1:11 <sub>-</sub> 0-	D			/o Mike l	10 E	13 × 100	7 1. <i>[]</i> (		8. I		me and W		
3. Address	Black r	tills G	is Resc	urces, Ir	ic.	70 WIKE			nclude are			Jica	rilla 28	-02-0	4 #31
3. Address			_				Ja. Pile	,		_ ^ I	9. 1	API Well	No.		
					IM 87401	<u> </u>	<u> </u>		327-457	3		3	30-039-	2931	0
4. Location	of Well (Re	port local	ions cleart	y and in acco	ordance with	Federal req	uiremen	11S) *			10.	Field and	Pool, or	Explora	ntory
At surface			194	5' FSL &	780' FW	L Unit L	Sec.	4 T281	N R2W		E	East B	anco P	icture	ed Cliffs
											11.	Sec., T.,	R., M., or	Block	and
At top prod.	interval rep	orted belo	ow .							-				L4T	28N R2W
			450	0.50. 0	0.401 FF1		•	. TOO			12.	County o			13. State
At total dep 14. Date St				Date T.D. Re	949' FEL	. Unit I		4 T28N te Comple			17		Arriba s (DF, RI		NM NM
14. Date of		_	13. 1					D&A	X Read	y to Prod.	17.				
	05/03/0				5/21/05			08/	/23/05				9' GL &	1292	2 ND
18. Total D	epth: MI TV		6978'	19. Pi	ug Back T.D	.: MD TVD	6978'			20. Depth	Bridge	Plug Set	:		-
21 Type F			anical Loc	Run (Subm	it copy of ea				22 Was	well cored	DC): 7	No 🗖	Yes (Sul	omit co	mv)
CBL, CN			announ Dog.	Kun (Suom	in copy of the	<b></b> )			3	DST run?			Yes (Sul		• • •
,									•	tional Sur		_	Yes		
23. Casing	and Liner R	ecord (R	eport all si	rings set in v	vell)				<u> </u>						
	Size/Grade		1		Bottom (M	Stage C	ementer	No. of	Sks. &	Slurry Ve	ol.	Cement	Ton*	۸,	nount Pulled
		<u> </u>		op (MD)		D) De	pth		Cement	(BBL)					
12-1/4"	8-5/8"	24#		0'	258'			175 sx			circ to surface		<del></del>		
7-7/8"	5-1/2"	15.5	#	0'	4006'			72	5 sx		_   C	circ to surface			
				<del></del>		_		1		·					
24. Tubing	Record				L			<u>i,</u>	J	<del></del>				L	
Size	Depth Se	t (MD)	Packer D	epth (MD)	Size	Denth S	et (MD)	Packer D	epth (MD)	Siz	е	Den	th Set (MI	D) I	Packer Set (MD)
2-3/8"	690			1			7		- <b>x</b> /	1		1			
					·····		*								
25. Produc	ing Intervals	3				26. Pe	rforation	n Record							
	Formation			Тор	Bottom			Interval		Size	No.	Holes	<u> </u>		Status
<u>A) P</u>	ictured C	liffs		3690'			Open				ļ		1 7.6	<u> </u>	77 733
B)					<del> </del>	170	06	6918			<u> </u>		100	20. 1	
C)	racture, Tre	ntmont (	Yomant Ear	ossa Eta	1			· · · · · · · · · · · · · · · · · · ·			L		150°		2000
	Depth Inter		ement syt	ieeze, Eic.				Amount	and type o	f Material			(5)	SOF	. 1
			Or	en Hole									-4		0140
			1-1		<del>,</del>								(5.2)	4	60
													165 ×	Dillia.	7181.
	tion - Interv	al A											1/20		<u> </u>
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Water BBL	Oil Gra	-	Gas		Product	ion Metho	yd 🎺	6,8	1995
riodiked	08/23/05	1	rioduction	DDL	0	DDL	Con. A	T.	Gravity				Flov	vina	<u>C, 9,</u>
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	<del></del>	Water	Gas : O	Pil —	Well Status	3	<u> </u>		- :	3	
Size	Flwg.	Press.	Rate	BBL	1 :	BBL	Ratio								
20. D. I	PSI O	0		<u> </u>	0		<u> </u>		<u> </u>				ducing		
Date First	ction - Inter Test	val B Hours	Test	Oil	Gas	Water	Oil Gra	ozitor	Gas		_AC	CEPT tion Metho	ED EO	RRE	CORD
Produced	Date	Tested	Production	B .		water BBL	Corr. A	-	Gravity		Froduct				
			<u></u>						<u> </u>		<u> </u>	JU	<u> 19</u>	<u> 2006</u>	
Choke Size	Tbg. Press.	Csg.	24 Hr. Rate	Oil BBL		Water BBL	Gas : O	il	Well Statu	5		DAMAIL	TON E	th D C	אבבו <b>ר</b> ב
SILLE	Flwg. SI	Press.	-	ODL	MICE	DDL	Ratio				- FA		STON FI	μul	<b>オドルモ</b>
(Sag instru	L	nages for	additional	data on ray	raa aida)		<u> </u>		<u> </u>			I			

uction - Interv	al C								
Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Tbg. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
	ral D								
Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method	
Date	Tested	Production	BBL	MCF	BBL	Соп. АРІ			
Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
		•			<b>_</b>				
nary of Porous	Zones (Inc)	ude Aquifers	s):				31. Formatio	n (Log) Markers	
									•
rmation	Тор	Bottom		Descr	iptions, Content	s, etc.		Name	Top Meas. Depth
							San Jose		Surface
							Nacimien	to	1977'
			}				Ojo Alam	0	3185'
							Kirtland	•	3379'
							Fruitland		3641'
							Pictured	Cliffs	3690'
			1						
		1							
								_	
tional remarks	(include plu	agging proces	dure):						
RILLA 28	-02-04 #	#31 PC						4	
e enclosed atta	chments:	· · · · · · · · · · · · · · · · · · ·	······································						
							-	4. Directional Survey	
by certify that	the foregoin	g and attache	ed information	on is complete	and correct as o	letermined from all	available records (	see attached instructions)*	
(please print	)	Mike P	ippin :	505-327-4	573	Title	Petroleur	n Engineer (Agent)	
	4	and I	1 h						
	Test Date  Tbg. Press. Flwg. S1  uction - Interv  Test Date  Tbg. Press. Flwg. S1  sition of Gas of the second of Gas of	Tog. Press.  The Press.  The Press.  SI  uction - Interval D  Test Hours Date Tested  The Press.  Csg. Flwg. SI  sition of Gas (Sold, used)  nary of Porous Zones (Incl. all important zones of portincluding depth interval texcoveries.  rmation Top  ARILLA 28-02-04 A  e enclosed attachments: ectrical/Mechanical Logs andry Notice for plugging.	Test Date Tested Production Tbg. Press. Csg. 24 Hr. Press. Rate St Date Test Production  Test Hours Test Production Test Press. Csg. 24 Hr. Press. Rate St Production Tbg. Press. Csg. 24 Hr. Press. Rate St Production Tbg. Press. Csg. 24 Hr. Press. St Press. Rate St Production Tog. Press. Csg. 15 Hours Press. Rate St Production Tog. Press. Csg. 16 Hr. Press. Rate St Production Tog. Press. Csg. 17 Hr. Press. Rate St Production Tog. Press. Rate St Production Tog. Press. Rate Pr	Test Date Tested Production BBL  Tbg. Press. Csg. 24 Hr. Oil BBL  Test BBL  Test Oil BBL  Test Production BBL  Test Production BBL  Tog. Press. Csg. 24 Hr. Oil BBL  Tbg. Press. Csg. 24 Hr. Oil BBL  Sil	Test Date Tested Production BBL MCF  Tbg. Press. Csg. 24 Hr. Oil Gas MCF  Test Hours Press. Rate BBL MCF  Test Hours Test Oil Gas MCF  Test Hours Test Date Tested Production BBL MCF  Test Hours Test Doil Gas MCF  Tbg. Press. Csg. 24 Hr. Oil Gas MCF  Tbg. Press. Csg. 24 Hr. Oil Gas MCF  Si Si Sold, used for fuel, vented, etc.)  mary of Porous Zones (Include Aquifers):  all important zones of porosity and contents thereof: Cored interinctuding depth interval tested, cushion used, time tool open, flow exceveries.  Transition Top Bottom Descriptional Production Descriptional remarks (include plugging procedure):  ARILLA 28-02-04 #31 PC  Test Doil Gas MCF  Test Dil Gas MCF	Test Date Tested Production BBL MCF BBL  Tog. Press. Csg. 24 Hr. Oil Gas Water BBL wetton - Interval D  Test Hours Test BBL MCF BBL wetton - Interval D  Test Hours Test Oil Gas Water BBL WCF BBL Water Production BBL MCF BBL MCF BBL Water Production BBL MCF BBL MCF BBL Sition of Gas (Sold, used for fuel, vented, etc.)  Tag Press. Csg. 24 Hr. Oil Gas Water BBL MCF BBL MCF BBL Sition of Gas (Sold, used for fuel, vented, etc.)  Tag Press Rate BBL MCF BBL MCF BBL Sition of Gas (Sold, used for fuel, vented, etc.)  Tag Press Rate BBL MCF BBL MCF BBL MCF BBL Sition of Gas (Sold, used for fuel, vented, etc.)  Tag Press Rate BBL MCF BBL MCF BBL Sition of Gas (Sold, used for fuel, vented, etc.)  Tag Press Rate BBL MCF BBL MCF BBL MCF BBL Sition of Gas (Sold, used for fuel, vented, etc.)  Tag Press Rate BBL MCF BBL	Test	Test Date Tested Production BBL MCF BBL Corr. API Gas Cravity Top. Press. Cag. 24 Hr. Oil Gas Water Gas: Oil Well Status Five Press. Rate BBL MCF BBL Ratio  Test Date Tested Production Oil Gas Water Gas: Oil Gravity Top. Press. Rate BBL MCF BBL Corr. API Gas Gravity Date Tested Production Oil Gas Water Gas: Oil Gravity Top. Press. Cag. 24 Hr. Oil Gas Water Gas: Oil Gravity Top. Press. Cag. 24 Hr. Oil Gas Water Gas: Oil Gravity Flive Press. Rate BBL MCF BBL Ratio  Well Status  Station of Gas (Sold, used for fuel, vented, etc.)  Tary of Porous Zones (include Aquifers):  all important zones of porosity and contents thereof: Cored intervals and all drill-stern including depth interval tested, cushion used, time tool open, flowing and shut-in pressures convertes.  Top Bottom Descriptions, Contents, etc.  San Jose  Nacimien  Ojo Alarm  Kirtland  Fruitland  Fruitland  Pictured of Cored attachments:  ce enclosed attachments:  certical/Mechanical Logs (1 full set req'd.)  midty Notice for plugging and cement verification  5. Core Analysis  7. Other:  by certify that the foregoing and attached information is complete and correct as determined from all available records (1) by certify that the foregoing and attached information is complete and correct as determined from all available records (1) by certify that the foregoing and attached information is complete and correct as determined from all available records (1) by certify that the foregoing and attached information is complete and correct as determined from all available records (1) by certify that the foregoing and attached information is complete and correct as determined from all available records (1) by certify that the foregoing and correct as determined from all available records (1) by certify that the foregoing and correct as determined from all available records (1) by certify t	Test Doors Test State Production Method BBL Gas Water BBL Core. API Gas Creative Production Method Test State BBL MCF BBL Core. API Gas Cold Well Status State BBL MCF BBL Ratio Well Status State BBL MCF BBL Ratio Well Status State BBL MCF BBL Core. API Gas Cold Well Status State BBL MCF BBL Core. API Gas Gravity Production Method Doors of Core API Gas Gravity Production Method State State BBL MCF BBL Core. API Gas Gravity Production Method State State BBL MCF BBL Core. API Gas Gravity Production Method State State BBL MCF BBL Core. API Gas Gravity Production Method State State BBL MCF BBL Core. API Gas Gravity Production Method State