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

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2004

WMOCD

					10110					Dod			_		<u> </u>	E	xpires: Jan	uary 31, 2004
WELL COMPLETION OR RECOMPLETION REPORT AND LOG													5. Lease Serial No. Jicarilla Contract 459					
					6 W.1		1 2			,								Trib N
la. Type of Well Oil Well Gas Well Dry Other  b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.											- 1	6. If Indian, Allottee or Tribe Name Jicarilla Apache Tribe						
b. Type of	Completio	on:	Ø	Nev	j iisww	┙ ~	ork Over	_	Deepen		-		1 O					ement Name and No.
			Ot	her _							2005 N	VUV	10	<u> </u>	2 0	Tour	n CA Agice	ment Ivanic and Ivo.
2. Name of	Operator												ロビヘロ	EIVED	8	. Lease	Name and	Well No.
Black Hills		rces, I	nc								<del></del>				Jica	rilla 459	-19 #18	
3. Address												dluide	farea c	ode); 10			Vell No.	
3200 N. 1st									- AND 1	S-684-1	<del>}</del>			·	30-0	39-293	23	
4. Location	of Well (h	Kepori	locano	n cied	ariy a <b>na</b> i	n acc	ordance with	rec	ighou tequ	drements /\	9*V\$	À			10	. Field	and Pool, o	r Exploratory
4. Location of Well (Report location clearly and in accordance with Federal Capitrements)*  At surface 2308' FNL & 350' FEL SE NE												<del></del>		and Coal				
A + +			- a = 4 a d   h-		2200 5	ı	SOUTE OF	EC.	, U	EC SU	<b>)</b> 8	07	À		11	I. Sec.,	T., R., M.,	on Block and Surve
At top	prou. Interv	varrej	ported b	elow	2308 FN	L&.	350' FEL SE	SE SE	OIL	CEIVE		α	٦			UI A	rea Sec. 19, 7	T30N, R03W
At tota	depth 23	08' FN	NL & 35	0' FE	L SE NE		Ĭ		الريم	MS.	DIV.	9	9		i		y or Parish	13. State
14. Date 5					ate T.D. I										Rio Arriba NM  17. Elevations (DF, RKB, RT, GL)*			
14. Date s	padded			10. D	ate 1.D. I	Coori	cu	É	(2) "	_			Ready to	Prod.	1 1	. Eleva	itions (Dr., i	KKB, KI, GL)*
5/31/05				6/4/05					W 8/1	7 or c1,	0/300		- 05	5	KB	7212'	GL 7199'	_
18. Total I						19. Plug Back T.D.: MD 20. Depth Bridge Plu								lug Set				
01 T FI		VD 39	-						TVD 388	8'		<u> </u>					/D	
21. Type El	21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  22. Was well core										No.	=	(Submit analysis)					
Aoustic Cer	mant Dand	1.00	Thomas	1 3 4 1	eianen I iel	. alam								DST run? ctional Su		☑ No ☑ No		(Submit report) (Submit copy)
23. Casing												Ь.	Dile	Cional Su	ivey!	A NO	Yes	(Submit copy)
									Stage Ce	ementer	No.	of Sk	s. &	Slurry	Vol.	Came	nt Ton*	Amount Dullad
Hole Size	ole Size   Size/Grade   Wt. (#/ft.)				Top (M	D)	Bottom (M	1D)	Depth		Туре	Type of Cement		(BBL)		Cement Top*		Amount Pulled
12-1/4"	8-5/8"		24 lb		0'		256'					175 sx				SI	ırface	
																сіт	c 7 bbl	
																to	surface	
7-7/8"	5-1/2"	<u>'</u>	15.51	b	0'		3936'				ļ <u>'</u>	650 sx	١			SI	ırface	
		$\rightarrow$														circ 16 bb		
	<u> </u>								<u> </u>	<del></del>	L					to	surface	
24 Tubing		0 . (1	4D\   B		D 4 0	<del>(5</del> )]			D 41.0	. (2.472)		_	1 (2 (7))	T 6:		15		To
Size	Depth		MD)   P	аскег	Depth (N	10)	Size		Depth Se	t (MD)	Packer	Dept	h (MD)	Si	ze	Dept	h Set (MD)	Packer Depth (MD
2-7/8" 25. Produci		702'	<u> </u>						26 Per	foration	Record	1		<u> </u>		1		
23. 1 Todaci	Formation			<u> </u>	TOP	Т	Bottom		26. Perforation Rec Perforated Inter					Size No. H		Holes		Perf. Status
A) Fruitland Coal					3724'		3746'		3724'-3746				4 88				Open	
B)					3124										<u> </u>			
<u>C)</u>				<u> </u>		$\neg$												
D)																		
27. Acid, F	racture, Tr	eatme	nt, Cem	ent S	queeze, E	tc.										•		
D	epth Interv	/al								А	mount a	and T	ype of N	/aterial				
3724, 3746	· · · · ·	<b>)</b>		Frac'd	1 w/ 400,00	0 MS	CF N2		, 71		<del>- , -</del>		<b>-</b>				<i></i>	
- IN C	he ti	1th	uq,	Co	muli		m du			<u>usi</u>	bo	<u>η</u>	led	IR a	lm	ove .	tinel	y manner
as	requ	sre	20	py.	$-0\mu$ S	MD	re Or'o	<u>le r</u>	NO	4.								ر
28. Produc	tion - Inter	γal Δ		Pric	50.0	310.13	ova O I	16	realli	red	to 1	(1 A)	u el e	<i>t. a</i>	A	1000	1 1 26	Her the
	Test	Hours	Te		<u> </u>	ppi	Gas	Wa		Oil Grav	rity	_	M. K.A.R. Gas	te a	duction I	112	UK OT	PILLY TRACK
Produced	Date	Tested		oductio	n BBL		MCF	BB	L	Corr. Al	PI		Gravity				approv	ild.
7/14/05	7/12/05	24			-   -		180 MCF	<u> </u>							wing			
	Tbg. Press. Flgw.	Csg. Press		Hr.	Oil BBL		Gas MCF	Wat BB		Gas: Oil Ratio		ľ	Veli Statu	S				
	SI			$\Box$								P	roducui	ng				
28a. Produc	tion - Inter	rval B			l			-		·				9				
Date First Produced	Test Date	Hour: Tester		est	Oil on BBL		Gas MCF	Wat		Oil Grav Corr. AF			Gas	A CHIE	uction A	( PA	RECOR	D
rivadced	Date	168160	"   r		DDL DDL		MCF	108	L	Corr. Al	.1	- 1	Gravity	AUUt	TICL	TUN	111.00	
Choke	Tbg. Press.	Çall		Hr.	Oil		Gas	Wa	ter	Gas: Oil		$\dashv_{i}$	Well State	us		0.0	2005	
	Flwg. SI	Press	R	ate	BBL		MCF	BE	BL	Ratio						29		
							<u> </u>	<u></u>		<u>L</u>				EKO	in i	un fil	LU OFFIC	<u>E                                    </u>
(See instru	ctione and	chan	es for a	aditio	nei dete i	n ne	rr nage)							· ran	*iitidAn ;	~~~	*	

480. Produ	Stion - Tillet	Vai C					Water						
Date First Produced	Test Date	Hours Tested	Test Production		Oil BBL	Oil Gas BBL MCF		Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke Size	Tbg Press Flwg. Sl	Csg. 24 Hr. Rate		Oil BBL			Well Status						
28c. Produ	ction - Inter	val D				. 1							
Date First Produced	Test Date	Hours Tested	Test Prod	uction	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke Size	Thg Press Flwg Sl	Csg. 24 Hr. Press Rate		Oil BBL					Well Status				
29. Dispos	ition of Gas	(Sold use	d for f	uel, v	ented, etc.	)							
30 Summs	ary of Poro	us Zones (	Includ	e Agu	ifers)		<del></del>		31 Format	ion (Log) Markers			
Show tests,	all import	ant zones	of por	osity a	and conten	ts thereof: C , time tool op	ored interva en, flowing	ds and all drill-sten and shut-in pressure	n	ion (Log) ividicos			
Formation		Тор	Во	ottom		Descri	ptions, Conte	ents, etc.		Name	Top		
			<b></b>		_		ı			Naniminata	Meas. Depth		
										Nacimiento	2011		
										Ojo Alamo Kirtland	3245		
										Fruitland Coal	3471 3684		
										Pictured Cliffs	3776		
										Pictured Cities	3770		
					ĺ								
	·												
					ļ.								
32. Additi	onal remar	ks (include	plugg	ing pr	ocedure):								
JZ. Additi	Onds Tomas	ks (merade	Pru68	e bi	occurcy.								
22 Cirol-	enclosed a	Haaber and-											
			-	C.11	414 \	2 0		ort 3 DST R		D' '' 10			
_	ectrical/Med ndry Notice		-				eologic Repe ore Analysis		•	Directional Survey			
	nary monec	TOT PIEGE		COMIC	ne vormou			, ouici.					
34. 1 here	by certify t	hat the fore	going	and a	ttached inf	ormation is c	omplete and	correct as determine	ed from all avai	lable records (see attached ins	tructions)*		
Name	(please pri	nt) Agatha	Snell					Title					
		no li	^	(	2, , ,	٨							
Signa	ture	yun	بع		لللا	<u> </u>		Date 11/8/05					
Title 18 U States any	.S.C. Section false fictiti	on 1001 ar ous or frau	d Titl	e 43 L state	J.S.C. Sect	ion 1212 ma presentations	ke it a crime as to any m	e for any person kno atter within its juris	wingly and wil diction.	Ifully to make to any departm	nent or agency of the United		