Form 3160-4 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED

S. Lease Stretal No.	BUREAU OF LAND MANAGEMENT											OMB NO. 1004-0137 Expires: January 31, 2004					
18. Type of Well		WE	LL C	OMF	LET	TION OR	RECOMPL	ETION	REPORT	AND	LOG			. Lease	Serial No		-
2. Name of Operator											6 Jica	6. If Indian, Allottee or Tribe Name Jicarilla Apache Tribe					
Size Canada Can	ā 37	60			ther_								4		Ū		
3. Address 3. Propo No. (Include area code) 50. Add. 111 1. Completed													8	. Lease	Name and	Well No.	-
3200 N. In PO Box 249 Blocomfield, NM 57413 Sox-634-1111 Sox														23	_		
A. Location of Well (Report location clearly and in accordance with Federal requirements)* At sup rate 1790 FNL & 1990 FEL (SWNE) Unit G			49 RIc	vomfie	id. NN	A 87413				•	ciauc w cu ;	oue,	- 1				
At surface							accordance with	Federal									_
At top prod. interval reported below 1790 FNL & 1930 FEL (SWNE) Unit G													• • •				
At total depth	(2 · · · · · · · · · · · · · · · · · · ·											_	11. Sec., T., R., M., on Block and Survey				
14. Date Spudded												12					
12/11/04 12/14/04	At tota	l depth 1	790' F1	NL &	1 930' I	FEL (SWN	E) Unit G						Rio	Rio Arriba NM			
18. Total Depth: MD 3835		Spudded		(eached		D&A Ready to Prod.								_
TVD		Denth: M	D 38	35'	12/14		Plug Back T	D · MD	دـــــــــــــــــــــــــــــــــــــ	-6		h Bridge					-
High Resoulution Induction, Spectral Density Dual Spaced Ne 23. Casing and Liner Record (Report all strings set in well) Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Stage Cementer Depth Type of Cement Type of Material Type of	io. Iouai					1	. I lug Dack 1.		ı		20. Dept	n Direge	I lug bei				
23. Casing and Liner Record (Report all strings set in well)	21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored									?	No Yes (Submit report)						
Role Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Stage Cementer No. of Sts. & Sturry Vol. (BBL) Cement Top* Amount Pulled											Dire	ctional S	urvey?	M No	Yes	s (Submit copy)	_
Circ 5 bb to surf									1 2.2.,			Cement Top*		Amount Pulled	-		
Circ 5 bb to surf	12-1/4" 8-5/8" J-55 24 II				lb	ď	266'	266'		175 sx				surface			_
2-7-7/8																	_
24. Tubing Record Size Depth Set (MD) Packer Depth (MD) 23.8" 3707 3576' 25. Producing Intervals TOP Bottom Perforated Interval Size No. Holes Perf. Status A) Nacimiento 3166' 3220' 3166-3168, 3180-3182, 3216-3220 44 32 Closed B) Ojo Alamo 3559' 3561' 3559-3561 44 8 Closed C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Acidized Nacimiento w/ 500 gallons 3% HCL Situmulated Nacimiento w/ 500 gallons 3% HCL Situmulated Nacimiento w/ 500 gallons 3% HCL Situmulated Nacimiento w/ 468, 221 SCF N2 and 44,487 LBM Brady/Super L.C. Proppant Associated Production - Interval A Rate Production BBL MCF BBL Gravity Gas Gravity Production Method FEB 18 2006 Frest BBL Gas: Oil Gravity Gas Gravity Production Method FARMINGTON FIELD OFFICE 84/05 44/05 44/05 44/05 44/05 44/05 24 0 0 FRAMINGTON FIELD OFFICE 84/05 44/05 44/05 44/05 44/05 44/05 44/05 24 0 0 FRAMINGTON FIELD OFFICE 84/05 44/05 44/05 44/05 24														to	surf		_
24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD) Packer Depth (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Size	7-7/8*	5-1/2 J-	-55	17	7 lb 0'		3818'			650		 		surface			_
24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Size Depth Set (MD) Size Si									 								_
Size	24 Tubina	Passad								<u> </u>		L		to	surf	<u> </u>	_
2-3/8" 3707 3576' 26. Perforation Record 27. Producing Intervals 26. Perforation Record 27. Perforation 27. Perforation 27. Perforation 27. Perforation 27. Perforation 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. 28. Production 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. 2			Set ()	T (dv	Packe	r Denth (M	n)] Size	Der	th Set (MD)	Packer	Doroth (MD	1 6	170	Denti	Set (MD)	Packer Donth (MD)	-
25. Producing Intervals Formation TOP Bottom Perforated Interval Size No. Holes Perf. Status A) Nacimiento 3166' 3220' 3166-3168, 3180-3182, 3216-3220 A4 32 Closed B) Ojo Alamo 3559' 3561' 3559-3561 A4 8 Closed C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Acidized Nacimiento w/ 500 gallons 3% HCL Stimulated Nacimiento w/ 500 gallons 3% HCL Stimulated Nacimiento w/ 320,000 SCF N2 3166-3220 Frac'd Nacimiento w/ 468,221 SCF N2 and 44,487 LBM Brady/Super L.C. Proppant 28. Production - Interval A Date First Produced Date Test Production BBL MCF BBL MCF BBL Gas Water Gas: Oil Gravity SI Pending Evaluation FEB U 8 2006 FARMINGTON FIELD OFFICE 8/4/05 4/27/05 24 FORMINGTON FIELD OFFICE FARMINGTON FIELD OFFICE 8/4/05 4/27/05 24 FORMINGTON FIELD OFFICE				112)	1 4040		5) 5120	1 20	20,200 (1.22)		Septe (M2)				i set (MD)	Tacker Deptir (NID)	_
A) Nacimiento 3166' 3220' 3166-3168, 3180-3182, 3216-3220 4.4 32 Closed B) Ojo Alamo 3559' 3561' 3559-3561 4.4 8 Closed C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Acidized Nacimiento w/ 500 gallons 3% HCL 3166-3220 Stimulated Nacimiento w/ 500 gallons 3% HCL 3166-3220 Stimulated Nacimiento w/ 468,221 SCF N2 and 44,487 LBM Brady/Super L.C. Proppant 28. Production - Interval A Date First Pest Date Hours Fest Production BBL MCF BBL Gravity Gravity Gravity Gravity Gravity Fress Rame BBL MCF BBL Gas: Oil Ratio Size Pfgw. Size Figw. Size Ratio Date First Test Production - Interval B Date First Test Production - Interval B Date First Test Production - Interval B Date First Test Production Fest Ratio BBL Gas Water BBL Gas: Oil Ratio Size Production - Interval B Date First Test Production BBL Gas Water BBL Gas: Oil Gravity Gas Gravity Freduction Method FARMINGTON FIELD OFFICE 84/4/05 4/27/05 24 Tested Production BBL Gas Water BBL Garavity Gas Gravity Production Method FARMINGTON FIELD OFFICE 84/4/05 4/27/05 24 Tested Production BBL Gas Water BBL Garavity Gas Gravity Production Method FARMINGTON FIELD OFFICE 84/4/05 4/27/05 24 Tested Production BBL Gas Water BBL Garavity Production Method FARMINGTON FIELD OFFICE 84/4/05 4/27/05 24 Tested Production BBL Gas Water BBL Garavity Production Method Gravity Production Method FARMINGTON FIELD OFFICE 84/4/05 4/27/05 24 Tested Production BBL Gas Water BBL Garavity Production Method Gravity Produc						33.0	<u> </u>	26	. Perforation	Record	l	<u> </u>		. L.,			-
B) Ojo Alamo 3559' 3561' 3559-3561 44 8 Closed C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material Amount		Formation	n			TOP	Bottom		Perforated	Interval	rval Si		e No. Holes			Perf. Status	-
C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Acidized Nacimiento w/ 500 gallons 3% HCL 3166-3220 Acidized Nacimiento w/ 500 gallons 3% HCL 3166-3220 Stimulated Nacimiento w/ 320,000 SCF N2 3166-3220 Frac'd Nacimiento w/ 468,221 SCF N2 and 44,487 LBM Brady/Super L.C. Proppant 28. Production - Interval A Date First Test Date Tested Production BBL Gas MCF BBL Goravity Gas Gravity Production Method Gravity SI Pending Evaluation FEB U 8 2006 FEB U 8 2006 FEB U 8 2006 FEB U 8 2006 FARMINGTON FIELD OFFICE 84/4/05 4/27/05 24 O O FARMINGTON FIELD OFFICE 8/4/05 4/27/05 24 O O FARMINGTON FIELD OFFICE 8/4/05 4/27/05 24						3166'	3220	316			-3220 .44		32		Closed		
27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Acidized Nacimiento w/ 500 gallons 3% HCL 3166-3220 Acidized Nacimiento w/ 500 gallons 3% HCL Stimulated Nacimiento w/ 320,000 SCF N2 3166-3220 Frac'd Nacimiento w/ 468,221 SCF N2 and 44,487 LBM Brady/Super L.C. Proppant 28. Production - Interval A Date First Test Date Tested Production BBL Gas MCF BBL Corr. API Gravity Gravity Gravity Gravity Fress State Tog. Press Figw. Press State Date First Test Hours Test BBL Gas Water BBL Gas Corr. API Gravity State SI Pending Evaluation FEB U 8 2006 FARMINGTON FIELD OFFICE BBL Garavity Gravity Gravity Gravity Froduction Method States State		no			—	3559'	3561'		3559-3	561		.44		8			
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Stimulated Nacimeinto w/ 320,000 SCF N2 3166-3220 Frac'd Nacimiento w/ 468,221 SCF N2 and 44,487 LBM Brady/Super L.C. Proppant 28. Production - Interval A Date First Test Date Tested Production BBL MCF BBL Corr. API Gravity Gas Gravity Size Tbg. Press Cag. Flgw. Press Rate BBL MCF BBL Ratio Date First Test Date BBL MCF BBL SI Production Corr. API Gravity Gas Gravity SI Pending Evaluation FEB U 8 2006 FARMINGTON FIELD OFFICE 8/4/05 4/27/05 24 O Dil Gravity Gas Gravity Production Method Gravity Gas Gravity Production FARMINGTON FIELD OFFICE 8/4/05 4/27/05 24					Acid	lized Nacimie	nto w/ 500 gallons	3% HCL							4	1521 ZUU-	-
28. Production - Interval A Date First Produced 8/4/05 5/3/05 24 Date First Production BBL Oil Gas MCF BBL Corr. API Gas Gravity Test Production BBL Oil Gravity O Water BBL Gas: Oil Ratio SI Pending Evaluation FEB U 8 2006 FARMINGTON FIELD OFFICE 8/4/05 4/27/05 24 O OIL Gravity FarmingTon Field Office O OIL Gravity FARMINGTON FIELD OFFICE				, , , , ,	-1-										(1-7-)	ONS DIV.	ا ن
28. Production - Interval A Date First Produced Date Tested Date Production Date First Production Date First Produced S/4/05 S/3/05 24 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3166-3220				Frac	'd Nacimiento	w/ 468,221 SCF N	12 and 44,4	87 LBM Brady	/Super L.	C. Proppant				E 0	DAST 3	0
Date First Produced Date Tested Production BBL Gas MCF BBL Corr. API Gas Gravity Production Method Corr. API Gas Gravity Production Method Gravity Corr. API Gas Gravity Production Method Gravity Corr. API Gas Gravity Production Method Gas: Oil Ratio SI Pending Evaluation 28a. Production - Interval B Date First Produced Date First Production Date Production BBL Gas MCF BBL Gas MCF BBL Gas Gravity SI Pending Evaluation FEB US 2006 Water BBL Gas: Oil Ratio SI Pending Evaluation FEB US 2006 FARMINGTON FIELD OFFICE SI/4/05 4/27/05 24															Vec	Δ	Ý
Produced Bate Tested Production BBL MCF BBL Corr. API Gravity Choke Size Tbg. Press. Csg. Press Size Size Tbg. Press Size Tbg. Tbg. Tbg. Tbg. Tbg. Tbg. Tbg. Tbg.			_	. 11	Cont	loa	l Goo	Water	l Oil Con		I G	18-		VF. 6 . 3	74		7
28a. Production - Interval B Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity 8/4/05 4/27/05 24 0 0 SI Pending Evaluation FEB U 8 2006 FARMINGTON FIELD OFFICE	Produced	Date	Tested	' I			MCF		Corr. A	PI		PTO	duction	Method	g State Control		
28a. Production - Interval B Date First		Flgw.	w. Press Rate BBL MCF BBL Ratio						•								
Date First Test Hours Test Date Tested Production BBL MCF BBL Corr. API Gas Gravity FARMINGTON FIELD OFFICE Gravity Corr. API Corr. API Gravity Corr. API Gravity Corr. API Corr. AP	28a. Produc	tion - Inte	rval B					<u> </u>			lar i circi	TA TANIN	-uvii			FEB UR 2006	-
8/4/05 4/27/05 24 0	Date First Produced	Test Date	Hours Tested	' '			MCF					Pro	duction N	lethod	FAF	RMINGTON EUR	- E
Size Flwg. Press Rate BBL MCF BBL Ratio	Choke	Tbg. Press.	Call	2		Oil BBL		Water BRI		, 1	Well Stat	tus				7	Ξ.

SI Pending Evaluation

28b. Produc	ction - Inter	val C											
Date First Produced Date		Hours Test Tested Production		Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method				
Choke Size	Tbg Press Flwg. Si	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status					
28c. Produc													
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL							
Choke Size	Thg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL							
29. Disposi	tion of Gas	(Sold use	d for fuel, v	ented, etc.)					···				
Show tests, i	all imports	ant zones o	include Aquof porosity a al tested, cu	and content		31. Formation (Log) Markers							
Forma	ation	Top	Bottom		Descriptions, Contents, etc.				Name	Top Meas. Depth			
									San Jose	13'			
			1						Nacimiento	2232'			
									Ojo Alamo	3256'			
			ļ					ł	Kirtland	3579'			
									Fruitland 36				
	:								Pictured Cliffs	3674'			
			į	ŀ					Lewis	3771'			
							,						
SZ. Addid	onai reman	ks (metude	plugging p	loccuire).	,	•	,						
1 Ele		chanical Lo	: ogs (1 full so ng and ceme			Geologic Repo Core Analysis		-	virectional Survey				
34. I herel	by certify t	hat the fore	going and a	ttached info	rmation is c	omplete and	correct as determine	d from all avails	able records (see attached instr	uctions)*			
Name	(please pri	nt) Agatha	Snell				Title Admin	l'ech					
Signat	ture	40	ha_E	lei	1		Date 1/27/06						
Title 18 U. States any	.S.C. Section false fictiti	on 1001 ar ous or frau	nd Title 43 Undulent state	J.S.C. Secti ments or rep	on 1212 ma	ke it a crime as to any m	for any person kno atter within its jurisd	wingly and will liction.	fully to make to any departme	ent or agency of the United			