Form \$160-4 (August 1999)

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

DEPARTMENT OF THE INTERIOR		
BUREAU OF LAND MANAGEMENT	NE (	TIVE
WELL COMPLETION OR RECOMPLETION REPORT		المراجع المادا

FORM APPROVED

FARMINATION FIELD OFFICE BY TL SALVES

OWR	NO	1004	01.	) (
Expires:	Nove	ember	30,	2000

	WELL	COV	/IPLI	ETION OR	RECOMF	LE.	TION R	EPOR	T AND	LOG 9	5 2008	5	Lease Se N	nal No. MSF 0	784	181A
1a Type o		Oil											If Indian	, Allottee	or T	Tribe Name
b. Type of	Completion	:	X	New	Dry   Work Over		Deepen	D Pl	ug Backin		! Manage -Resvr.	neni				
			Oth	er						3.011		7		١ ٦	١.	t Name and No
2. Name o	f Operator											<del>  8.</del>	Repo			No.
		И&G	Dri	illing Cor	npany	c/c	Walsh	n Engir	neering		_	] "		Grahai		
3 Address	3							3a. Ph	one No. (ir	iclude are	a code)	9.	API Wel			
				armington.						327-48	92	_			-326	645-00CN
4. Location	of Well (Re	port loc	ations	s clearly and in	accordance	with	Federal r	requirem	ents) *			10.	Field an			
At surface				2615' FNL	and 660'	FEI	Secti	on 4. ¯	T27N. R	.8W		Basin Dakota				
							-,	,				11.	Sec., T.,	R., M., o	or Blo	ock and
At top prod	interval rep	orted b	elow									12	Survey of County			4. T27N, R8V
At total de	nth											12.	•	Juan		NM
14. Date S				15. Date T.D.	Reached		_	16 Dat	te Complet	ed		17			RKB.	, RT, GL)*
	02/24/08	3			03/02/08				D & A	X Rea	dy to Prod					3.5' KB
18 Total I			667		Plug Back T		MD	6656		21/08	20. Depti	Drido				
10 101411		/D	667		riug back i	.D	TVD	6656			120. Дери	Dilug	e riug se	TVD		
				al Logs Run (S							well cored			Yes (Su	bmıt	copy)
Comper	isated De	ensity/	Neu	tron, Induct	ion, CBL	GR.	/CCI				S DST run?			- A		
										Dir	ectional Su	rvey" L	No	Yes	(Sub	mit
23. Casing	and Liner R	lecord (	Repoi	rt all strings sei	in well)		I 64 C		N	C1 . 0	T 01 1	7.1				
Hole Size	Size/Grade	Wt. (#	#/ft.)	Top (MD)	Bottom (	MD)	Stage Co		1	Sks & Cement	Slurry V (BBL		Cement	Top*		Amount Pulled
12-1/4"	9-5/8" J	36	#	0	238	•	20,	J. 11		12 cuft)	25.3		Surfa	ice		Circ 10 bbls
8-3/4"	7", J <b>-8</b>			0	2542	2'			Lead 285		<del></del>					
							Ĺ		Tail 150 (	) (183 cuft) 33				Surface		Circ 20 bbls
	4-1/2", J	<b>33</b> 10.:	5#	0	6669	),	<u>L</u>		440 sx (	(633 cuft) 113 2300' CBL				·		
24. Tubing		4.45	1	5 4 (145)							1 ::		<del></del> _		1	
Size 2-3/8"	Depth Set		Pack	er Depth (MD)	Size		Depth Se	et (MD)	Packer De	epth (MD)	Siz	ze	Dept	h Set (M	D)	Packer Set (MD)
2-3/0	000.		├								<del> </del>		+		$\dashv$	
25 Produc	ing Intervals		1	<del></del>	L		26 Per	foration	Record		<u> </u>					
	Formation			Тор	Botto	n		rforated Interval Size			No Holes Perf. Status			f. Status		
A) B	asın Dakı	ota		6499	6636	)		6499 - 6	9 - 6636 0.34"		0.34"	24			Open	
B)																
<u>C)</u>							ļ		<del></del>							
D)	Fracture Tre	atment	Ceme	nt Squeeze, Etc	<u>,                                    </u>		L			L	·			<u></u>		
	Depth Interv		Cente	in Squeeze, Eu	<u> </u>	,			Amount at	nd type of	Material					
										7,						
6	6499 - 663	36		1500 gal 1	5% HCI, 1	1,83	4 bbls 2	X-linke	d gel w	/ 150,00	00# 20/4	0 BA	SF			
								·								
							_				*****					
28. Produc Date First	tion - Interva Test	Al A Hours	Test	Oil	Gas	Wate		Oil Grav		Gas	<del></del>	Droduc	tion Metho	d		
Produced	Date	Tested		ction BBL	MCF	BBL		Corr AP	-	Gravity		Froduc	tion Metho	u		
08/21/08			_	<u>→</u>	<u> </u>									Flow	ring	
Choke	Tbg Press	Csg.	24 Hr	Oil BBL	Gas MCF	Wate		Oil Grav		Well Statu	s		R			27'08
Size	Flwg SI	Press 660 ps	Rate	→ DBL	IVICE	BBL		Corr. AP					Ö	IL CO	NŠ.	DIV.
28a. Produ	ction - Interv		1	<u></u>	<u> </u>	<u> </u>		·						DIS	Π.:	3
Date First Test Hours Test Oil Gas Water			Oil Grav	-	Gas			tion Metho								
Produced	Date	Tested		BBL	MCF	BBL		Corr. AP	I	Gravity					essential and the second	
Choke	Tbg Press	Csg	24 Hr		Gas	Wate	r	Oil Grav	ıty	Well Statu	s	L		M ACC	EDIE	D FOR RECORD
Size	Flwg	Press	Rate	BBL	MCF	BBL		Согт. АР	-					A	HC	2 6 2008
	SI	I	. —	<b>~</b>	1	ı		I		I				н 🕰	UÜ	~ v ~UUU

Section   Test	•												
Poduced Due Tested Prediction State MCF BBIL Car API  Clusics Test Press City 2 14 Br Oil Gas Water Gas Col Well States  25c. Production - Learner I Test Col Gas Water Gas Col Gravey  25c. Production - Learner I Test Col Gas Water Gas Col Gravey  Tested Prediction Blat MCF BBIL Car Gas										_			
Size   Production   Inspired   December   December   Production   Inspired   December   Dece		1		Production	4			1	Gas Gravity	Production Method			
St.   Formation   Lings   Lines   Li	Choke	Tbg Press.	Csg	24 Hr	Oil	Gas	Water	Gas Oil	Well Status				
Date First   Total   Test   Total   Test   Total   Test   Total   To	Size		Press	Rate	BBL	MCF	BBL	Ratio		•			
Date   Tasted   Production   MRL   MCF   BBL   Corr AP	28c. Produ	ction - Interv	al D								,		
Croke Trig Press Cet.  Size First Ores Rate Ball. MCF Ball. MCF Ball. Again Water Gas Oil Well Sunes  29. Disposition of Gas (Solid, seed for feel, wented, etc.)  30. Summary of Porous Zones (Include Aquifers):  30. Summary of Porous Zones (Include Aquifers):  30. Summary of Porous Zones (Include Aquifers):  50. Alamo  1210'  Kirtland  1340'  Fruitland  1380'		1		Production					Gas Gravity	Production Method			
29. Disposition of Casi (Sold, used for fuel, venied, etc.)  30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shur-in pressures and recovered.  Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth  Ojo Alamno 1210' Kirtland 1340' Fruitland 1860' Prictured Cliffs 2125' Chacira 3073' Cliff House 3787' Menefee 3875' Point Lookout 4356' Greenhorn 6311' Graneros 6375' Dakota 6410'  32. Additional remarks (include plugging procedure).  33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (I full set regid.) 2. Geologic Report 3 DST Report 4. Directional Survey 5 Sandry Notice for plugging and cement verification 5. Core Analysis 7. Ott  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Paul C. Thompson, P.E. Title Agent		Flwg	_	Rate					Well Status	, , , , , , , , , , , , , , , , , , ,			
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth  Ojo Alamo 1210' Kirtland 1340' Fruitland 1860' Pictured Cliffs 2125' Chacza 3073' Cliff House 3787' Menefee 3875' Point Lookout 4356' Greenhorn 6311' Graneros 13375' Dakota 6410'  32. Additional remarks (include plugging procedure).  33. Circle enclosed atrachments:  1. Electrical/Mechanical Logs (1 full set req'd.) 5. Sundry Notice for plugging and cement verification 5. Core Analysis 7, Od  Name (please print) Paul C. Thompson, P.E. Title Agent	29. Disposi	ition of Gas (	Sold, used j	for fuel, ven	ted, etc.)	<u>. I</u>			<u> </u>		**************************************		
tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Top Meas Depth  Ojo Alamo 1210' Kirtland 1860' Pictured Cliffs 2125' Chacra 3073' Cliff House 3875' Menefee 3875' Point Lookout 4336' Greenhorn 6311' Graneros 6375' Dakota 6410'  32 Additional remarks (include plugging procedure).  33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set reqd.) 5 Sundry Notice for plugging and accent verification 5. Core Analysis 7. Oid  Name (please print) Paul C. Thompson, P.E. Title Agent	30. Summa	ary of Porous	Zones (Inc	lude Aquife	rs):				31. Formation	on (Log) Markers			
Ojo Alamo   1210'   Kirtland   1340'   Fruitiand   1860'   Fruitia	tests, in	icluding deptl											
Kirtland   1340'   Fruitland   1860'	Forr	mation	Тор	Bottom		Descripti	ions, Contents, et	c.					
33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and cement verification  5. Core Analysis  7. Otl  3. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print)  Paul C. Thompson, P.E.  Title  Agent	Kirtland Fruitland Pictured Chacra Cliff Hou Menefee Point Loc Greenho Graneros Dakota	Cliffs se okout orn s	1340' 1860' 2125' 3073' 3787' 3875' 4356' 6311' 6375' 6410'										
5 Sundry Notice for plugging and cement verification 5. Core Analysis 7. Otl  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print) Paul C. Thompson, P.E. Title Agent	33. Circle e	nclosed attac	hments:	· · · · · · · · · · · · · · · · · · ·									
Name (please print) Paul C. Thompson, P.E. Title Agent	5 Sund	lry Notice for	plugging :	and cement	verification	5.	Core Analysis	7. O	tl				
$\mathcal{L}_{\mathcal{L}}}}}}}}}}$	36. I hereby	certify that the	he foregoin	g and attach	ed informati	on is comple	ete and correct as	determined fro	om all avaılable	e records (see attached inst	ructions)*		
Signature Paul C. Thought Date 8/22/2008	Name (please print) Paul C. Thompson, P.E.						Title _	Agent					
	Signatur	e Pas	[C.	Thon	11-			_ Date _		8/22/2008			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the Unit States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.