Form 3160-4 (April 2004)

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

FORM APPROVED OMB NO. 1004-0137 Expires March 31, 2007

BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG												Expires March 31, 2007  5. Lease Serial No. NMSF 077968			
la. Type	of Well	Oil Wel	I 🗶 Gas W	ell 🔲	Dry	Other	i	'00 <b>5</b> DEC	1 6	^ ^ ~		6. If India	n, Allotee o	or Tribe Name	
b. Type	of Completion:	Over _	Deepen Plug Back Diff. Resvr., 2						7. Unit or CA Agreement Name and No.						
2. Name o	f Operator							070 FA	ARMI	107	-	8. Lease N	Vame and V	Vell No.	
	N RESOURCES	CORPO	RATION			100 S	627	Phone No.	ARMIN Gratuda		200		. Holder	r#102	
3. Addres:		Ji ahean	. Enumina	-t-on N	M 874	(A)	Λ	~ ZA	325.68		oue) [	9. API W		_	
4. Locatio	n of Well (Repo	rt location	n clearly and	in accorda	nce with I	z <u>ı</u> Feder <b>al) fe</b> g	wirgme	nts)*	)	00			45-3164	Exploratory	
At surfa	<sup>ce</sup> 660 '	FSL. (	890' FEL	SE/S					2]		Ľ			land Coal	
		,		, -			MUS R	D C	J		Ī	1. Sec., T.	., R., M., o or Area	r Block and	
At top p	rod. interval rep	orted belo	w		1	DIS	T D		3					8N,R13W NMPM	
At total	depth	Russia.	DIST. 8						12. County or Parish 13. State  San Juan NM						
14. Date S	pudded	15. Dat	e T.D. Reach	ed		16 Pa	te Com		- D 1	. n	1	7. Elevat	tions (DF, I	RKB, RT, GL)*	
44/0	T /05	l .	11/11/05				₩ <b>&amp;</b> A	12 (OF	Ready	to Pro	oa.				
11/0 18. Total I			11/11/05 59' 19.	Plug Bac	kTD· N	12/13/05  MD 1814 20. Depth Bridge					Bridge Pl	Plug Set: MD			
10. 10.	TVD	10:	15.	Ting Buc		TVD	10	14.	20, 1	opui.	Diago i i	ug Doi.	TVD		
21. Type I	Electric & Other	Mechanic	al Logs Run (	Submit co	py of eacl	1)			22. Wa	s well o	ored?	X No	Yes (	Submit analysis)	
										s DST	-	X No		Submit report	
GR-Den	sity and Liner Reco	rd (Renor	t all strings s	ot in well)					Dir	ectiona	l Survey?	X	√o	es (Submit copy)	
ī			T	T	(40)	Stage Cem	enter	No.of SI	cs. &	Slu	rry Vol.				
Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom	<u>`</u>	Depth	Type of C	pe of Cement (BBI		BBL)	Ceme	ent Top* Amount Pulled			
8.75" 7.0" 23#			J-55 139'			50						<del> </del>		59cu.ft circ	
6.25"	4.50"	11.6#	<i>J</i> -55	1 103	<del>/-</del>			240	,			<del> </del>		389 cu.ft ci	
			<del> </del>	<del>                                     </del>	- t							<del>                                     </del>	•		
				1								<del>- </del>			
				1											
24. Tubing	g Record														
Size	Depth Set (N	MD) P	acker Depth (M	D) S	lize	Depth Set	(MD)	Packer D	epth (MD)	4	Size	Depth	Set (MD)	Packer Depth (MD)	
2.375"	1685'					26 Pa-fa-	adian D	l							
23. Fioduc	Formation		Тор	Bot	tom	26. Perforation Record  Perforated Interval				Size No. Hole			es Perf. Status		
A) Fruitland Coal			1542'	Bottom 1643'		Perforated Interval			0.43			90		6 JSPF	
B)	Tur crain C	<u>~~</u>	1042	1	-					U. 18.	<del></del>				
C)			-	1											
D)															
27. Acid,	Fracture, Treatn	nent, Cem	ent Squeeze, l	Etc.					· · · · ·						
	Depth Interval		Amount and Type of Material												
154	<u> 1643'</u>		70,374	gals	70Q sli	ckwate	foa	m & 5,00	00# 40	/70	sand &	80,40	0# 20/4	0 sand	
					,							·			
28 Produc	tion - Interval A									•					
Date First	Test	Hours	Test	Oil	Gas	Water	Oil		Gas		Production	on Method			
Produced	Produced Date 12/13/05 Tested		Production BBL M		MCF	BBL Gra			Gravity					owing	
Choke Size	Tbg. Press. Flwg. SI 260	Csg. Press. 280	24 Hr.	Oil BBL	Gas MCF <b>275</b>	Water BBL	Gas: Ratio		Well Sta	tus			ACCEP	TED FOR RECOR	
28a. Produ	ction-Interval B												18		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water Oil BBL Grav		ity	Gas Gravity		Production Method		1		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Ratio		Well Sta	Vell Status BY			WHO FIELD UFFICE		

. Producti te First	on - Interva	Al C Hours	Test	Oil	Gas	Water	Oil	Т	Gas	Production Method	7.1	
duced	Test Hours Date Tested		Production	BBL	MCF	BBL	Gravity		Gravity Production Method			
oke e	Tbg. Press Flwg. SI	. Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		Well Status			
	tion-Interva		<del></del>	T		<del></del>	<b>.</b>					
te First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	** .	Gas Gravity	Production Method		
oke e	Tbg. Press Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		Well Status			
Dispositi	ion of Gas (S	old, used for	fuel, vented, e	tc.)		to be	sold					
30. Summary of Porous Zones (Include Aquifers):							31. Format	ion (Log) Markers				
tests, i	all important neluding does and reco	epth interva	porosity and co il tested, cush	ontents the	hereof: Co I, time to	ored intervi ol open,	als and all drill flowing and sl	-stem nut-in			,	
Formation		Тор	Bottom		Descriptions, Contents, etc.					Name	Тор	
		- r	ļ	_							Meas.Depth_	
										nto	TED	
	1									<b>10</b>	TBD	
									Kirtland		TED	
									Fruitlar			
									Fruitlar	nd Coal	1403'	
									Fruitlan	nd Coal Base	1654'	
									Picture	d Cliffs	1655'	
	Ì											
	į											
	}			1								
Δdditio	nal remark	s (include ol	l ugging procedu	re).	<u> </u>							
Additio	mai iciimi k	s (meiaac pi	aggaig procedu	nc).								
. Indicat	e which iter	ns have bee	attached by pla	cing a ch	eck in the	appropriate	boxes:					
_			1 full set req'd)	-		logic Repo	_	Report	Direct	ional Survey		
		_	and cement ver			e Analysis	Other	-		•		
<del>-</del>												
. I hereb	y certify tha	at the forego	ing and attache	d inform	ation is co	mplete and	correct as deter	rmined f	rom all availa	ble records (see attached	instructions)*	
Name (r	lagra nuint	) Trialii	Donaghey					mili	<b>5</b> 11			
rante (p	neuse prini,	vicki	Porragney			-		1 itle	Kequiat	ory Analyst		
	16.	, , · \	\~~·~	۸.۵								
		للك	MONG	Akto	*			Date	12/	13/05		
Signatur	e 711											
Signatur	.c 717			Q	O							

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