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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG									5. Lease Serial No. JIC-154					
la. Type o	of Well	Oil Wel	I X Gas We	:1 1	Ory	Other			****			6. If Indian, Al		
b. Type o	of Completion:	x	New Well	☐ Work		Deepen		Plug Back		iff Res	M 5	7. Unit or CA		nent Name and No.
2 Nome o	f Owenter	Oth	er								- 	DEIVED		
2. Name o	roy Inc.									070	FAI	8. Lease Name	1 1111	
3. Address							3a. I	Phone No. 1	include (area co	de)	9. API Well No		PACHE #8G
2700 Fa	ermington i	Ave., I	3ldg. K. S	te 1 F	armir	gton, N	vI 🚚	5059	24-10	90		30-039-	29661	<u> </u>
4. Locatio At surface	n of Well <i>(Repo</i>			n accordar	ice with	r ederai req	uireme	~ A	ماري جي ن ^ي رين		1	0. Field and Po		
At Suria	^{ce} 855' F	SL & 2	135' FWL			Į.	S. C.	42	3.69		ī	1. Sec., T., R.,		
At top pi	rod. interval rep	orted belo	ow			10/2	מו		ED	(A)		Survey or A	-T261	
At total	depth 7810					(C)		the Value of the State of the S	. DIW.	*(>.		2. County or P		13. State
14. Date S	•	15. Da	te T.D. Reache	d		16. Da	Ð.&∕A	oleted 2	Ready	to Pro	d .	17. Elevations	(DF, F	RKB, RT, GL)*
4/11			18/06	D1 - D1	T.D.	1	6/14	/06/ 1	160	Sanda I))	lue Cette Aff		
18. Total I	TVD			Plug Back		TVD	776	50	20. 1	Depth I	Bridge Pl	TV		
21. Type E	Electric & Other	r Mechani	cal Logs Run (Submit cop	py of eac	ch)			22. Wa			X No		Submit analysis)
GR/CCL									Was DST run Directional Survey?		X No C	·	Submit report Fes (Submit copy)	
	and Liner Reco	ord (Repo	rt all strings se	t in well)			··			-	Sui vey.	<u> </u>	<u> </u>	to (Busine Copy)
Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom	(MD)	Stage Cem Depth		No.of SI			ry Vol.	Cement To	op*	Amount Pulled
12-1/4"	8-5/8"	24#	 	376	376'		Бери		Type of Cement 250		BBL)	0		0
7-7/8"	5-1/2"	15.5#		780	7'			829	9			0		0
												<u> </u>		
				<u> </u>						<u> </u>				
24. Tubing		,						,		,				
Size 2-3/8"	Depth Set (1		Packer Depth (MI	D) S	ize	Depth Set	(MD)	Packer D	epth (MD)	Size	Depth Set	(MD)	Packer Depth (MD)
	cing Intervals					26. Perfor	ation R	ecord				<u> </u>		<u> </u>
	Formation		Top Bottom			Perforated Interval			Size			No. Holes		Perf. Status
A) DAKOTA		72441	7244' 7478'		7244' - 7478'			0.32"		27				
B)														
<u>C)</u>								****					<u> </u>	
D)				<u> </u>									L	
27. Acid, l	Fracture, Treatr	nent, Cen	nent Squeeze, E	tc.										
	Depth Interval							Amount and						
724	4' - 7478		† 			NEFE HO								rgel III LT
			<u> </u>	CO2 foam frac fld carrying 123,000# 20/40 Ottawa sd & 34,700# 20/40 Super LC RC										0 Super LC RC
			sd.											
28 Product	tion - Interval A		<u> </u>				_							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravit	ty	Gas Gravity		Producti	on Method		
Choke Size	6/14/06 Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: (Ratio	Dil	Well Sta	itus			FLOW	/ING
1/2	 	860		192	3152	0	<u></u>			SHUT	IN		ey i star	W DEWOOD
Date First	Test	Hours	Test	Oil	Gas	Water	Oil		Gas	T	Product:	on Method	<i>il (</i>	HINECORD
Produced	Date	Tested	Production	BBL	MCF	BBL	Gravi		Gravity		Todacii		23	2006
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: (Ratio	лi	Well Sta	itus	F	ARMINOTO	對作物	
(See instruction	s and spaces for add	itional data e	on page 2)								, L		-	

Topo Periodicine Periodicine Bild MCF	8b. Production	on - Interv	al C								
Production Interval D Production Produ	Date First Produced									Production Method	
Test Hour Test Hour Test Hour Test Minded Date Tested Production Bibl. Mark B	Choke Size	Flwg.							Well Status		
Date Tested Producting BBL MCF BBL Gravity	28c. Product	ion-Interva	al D		<u> </u>						
Deposition of Gas (Sold) used for June). wented, etc.) TO BE SOLD Summary of Porous Zones (Include Aquifers): Summary of Porous Zones (Include Aquifers): Formation Top Bottom Descriptions, Contents, etc. Name Top Meas Depth pressures and recoveries Formation Top Bottom Descriptions, Contents, etc. Name Top Meas Depth PRUITIAND FORMACTION 2777 LOWER FRUITIAND FORMACTION 2777 LOWER FRUI				Test Production						Production Method	
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, cashion used, time tool open, flowing and shut-in pressures and recoveries Formation Top Bottom Descriptions, Contents, etc. Name Top Moss Depth Additional remarks (include plugging procedure): Indicate which items have bee attached by placing a check in the appropriate boxes: Electrical/Mechanical Logs (1 full set reqd) Signature Title RESULATORY COMPLIANCE TECH Title Title RESULATORY COMPLIANCE TECH Title Ti	Choke Size	Flwg.					Water BBL		Well Status		
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stern 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 ACA JAMO SS 2469 FRUITLAND PORMATION 2777 LOWER FRUITLAND COAL 2994 PICTURED CLIFFS SS 3004 CHACAR SS 3937 CLIFFRUUSE SS 4689 MENEFER 4751 POINT LOCKOUT SS 5247 GALLIP SS 6302 GREENERIN LS 7155 19T DAKOTA SS 7238 BURRO CANYON SS 7490 MORRISON FM Title Additional remarks (include plugging procedure): Indicate which items have bee attached by placing a check in the appropriate boxes: Electrical/Mechanical Logs (1 full set req'd)	29. Dispositi	<u> </u>	Sold, used for j	fuel, vented, et	c.)		TO BE	SOLD			
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stern 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 ACA JAMO SS 2469 FRUITLAND PORMATION 2777 LOWER FRUITLAND COAL 2994 PICTURED CLIFFS SS 3004 CHACAR SS 3937 CLIFFRUUSE SS 4689 MENEFER 4751 POINT LOCKOUT SS 5247 GALLIP SS 6302 GREENERIN LS 7155 19T DAKOTA SS 7238 BURRO CANYON SS 7490 MORRISON FM Title Additional remarks (include plugging procedure): Indicate which items have bee attached by placing a check in the appropriate boxes: Electrical/Mechanical Logs (1 full set req'd)	30. Summar	ry of Porou	ıs Zones (Incl	ude Aquifers):					31. Formati	on (Log) Markers	
Formation Top Bottom Descriptions, Contents, etc. Additional remarks (include plugging procedure): Core Analysis Core A	Show a tests, ir	ll importar	nt zones of p	orosity and co	ntents th	ereof: Co , time to	ored interva ol open, i	als and all drill-st flowing and shu	em	. 0,	
Additional remarks (include plugging procedure): Additional remarks (include plugging procedure): Additional remarks (include plugging a check in the appropriate boxes: Blectrical/Mechanical Logs (1 full set req'd)	Format	ion	Тор	Bottom		Descriptions, Contents, etc.				Name	
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LONER FRUITLAND COAL 2994 PICTURED CLIFFS SS 3004 CHACRA SS 3937 CLIFFFOURS SS 4689 MENEPE 4751 FOUNT LOCKOUT SS 5247 GALLUP SS 6302 GRESHORN LS 7155 1ST DAKOTA SS 7238 BURRO CANYON SS 7490 MORRISON FM 7582 Additional remarks (include plugging procedure): Indicate which items have bee attached by placing a check in the appropriate boxes: Electrical/Mechanical Logs (1 full set red) Geologic Report DST Report Directional Survey Sundry Notice for plugging and cement verification Core Analysis Other 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) LOREL BINSHAM Title REGULATORY COMPLIANCE TECH Colored Signature Date 6/19/06											
PICTURED CLIFFS SS 3004 CHACRA SS 3937 CLIFFHOUSE SS 4689 MENESTE 4751 POINT LOCKOUT SS 5247 GALIJU SS 6302 GREENFORN LS 7155 1ST DAKOTA SS 7238 BURRO CANYON SS 7490 MORRISON FM 7582 Additional remarks (include plugging procedure): Indicate which items have bee attached by placing a check in the appropriate boxes: Electrical/Mechanical Logs (1 full set req'd) Geologic Report DST Report Directional Survey Sundry Notice for plugging and cement verification Core Analysis Other 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) LORRI BINSHAM Title RESULATORY COMPLIANCE TECH Signature Date 6/19/06		-									}
Additional remarks (include plugging procedure): CHACRA SS											
Additional remarks (include plugging procedure): CLIPFEOUSE SS											l
MENEFEE 4751 POINT LOCKOUT SS 5247 GALLUP SS 6302 GREENHORN LS 71.55 1.ST DAKOTA SS 7238 BURRO CANYON SS 7490 MORRISON FM 7582 Additional remarks (include plugging procedure): Indicate which items have bee attached by placing a check in the appropriate boxes: Electrical/Mechanical Logs (1 full set req'd)											
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Electrical/Mechanical Logs (1 full set req'd) Geologic Report DST Report Directional Survey Sundry Notice for plugging and cement verification Core Analysis Other 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) IORRI BINGHAM Title REGULATORY COMPLIANCE TECH Signature Date 6/19/06	2. Additio	nal remark	s (include plu	gging procedu	re):						
Sundry Notice for plugging and cement verification Core Analysis Other 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) IORRI BINCHAM Title REGULATORY COMPLIANCE TECH Signature Date 6/19/06	3. Indicate	which iter	ms have bee a	ttached by plac	ing a che	ck in the	appropriate	boxes:			
Name (please print) LORRI BINCHAM Signature Date 6/19/06					fication				eport Direct	ional Survey	
Signature Date 6/19/06	4. I hereby	certify the	at the foregoin	ng and attached	informa	tion is cor	nplete and	correct as determ	ined from all availa	ble records (see attached in	estructions)*
Signature Date 6/19/06	Name (pa	lease print	LORRI	BINGHAM					Title REGULAT	ORY COMPLIANCE TE	CH
Date 0713/06			\bigcirc	\sim)	1				
10 U.S.O. Cardina 1901 and Title 40 U.S.O. Cardina 1919	Signature	e		AN NO	. 2) hr	ham	<u> </u>	Date <u>6/19/06</u>		
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e 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 U	itle 18 U.S.	C. Section	1001 and T	itle 43 U.S.C.	Section	1212, mak	e it a crim	ne for any person	knowingly and wil	Ifully to make to any dena	rtment or agency of the Un