Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FO.	R APPROVED	
OME	3 NO. 1004-013	7
Evniree:	November 30	วกก

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

								aut Hy	NM 0309	37311 27		
la. Type of V b. Type of C		_	Gas Well	· —	ı 🗌 Plug Ba	ack 🔲 1	Diff. Resvr.	070	6. If Indian, Alle	ottee or Tribe Name		
		Other						010	7. Unit or CA A	greement Name and		
2. Name of C	Operator								8. Lease Name			
	•	RILLING CO	Ο.						CALLO	W #1F		
		H ENGINEE		D. CORP.	3a. Ph	one No. (in	clude area code,)	9. API Well No			
-		., FARMING			(505)	327-489	2		30-045-3			
				ce with Federal req						ool, or Exploratory	· · · · · · · · · · · · · · · · · · ·	
At Surface		SL & 2450' F		•	,					DAKOTA		
Att Guilage	157010	2021301										
									Survey or A	, M., on Block and Lrea T29N R13W		
									12. County or F	arish	13. State	
									SAN JU		NM_	
 Date Sput 2/16/20 		15. Date T.D. R 8/16/		\ r-	te Completed D&A	Ready (to Prod 8.	/17/2005	17. Elevations (5874' G)	(DF, RKB, RT, GL)	•	
18. Total De			ug Back T.D.:			_ Ready (20. Depth Brid			NONE		
18. 10tal De 5490'	pai. WID	6446'	ug Dack 1.D.:	*****			zv. Depin Brid	ge ring Set:	TVD	NONE		
	naturia & Othan I	Mechanical Logs	Dun (Submit ac	av of angle)		22 Ween	vell cored?	✓ No [Yes (Submit a			
		_		PATURE LOG		1		7 No [Yes (Submit a	• ,		
	301101120	0,20	. 200,			1	tional Survey?	□ No	Yes (Sub	• •		
22 Casinas	and Liner Decor	d (Report all stri	ings sat in wall)				donar Survey:		1 63 (540	пы сору)		
			 	Battam (ACD)	Store C		Τ	No. of Sks.	0.	Slama Val		· .
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage C			Type of Cen		Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	8 5/8"	24	SURFACE	354'	NO	NE	152 SX (179 cu	ı. ft.)		32.0	SURFACE	
							169 SX (200 cu	u. ft.)		36.0		_
7 7/8"	4 1/2"	10.5	SURFACE	6493'	NO	NE	1st stage 440 S	X (1131 cu.	ft.)	202.0	SURFACE	
			ļ				20	0 SX (404 cı	ı. ft.)	72.0	1	
			ļ			·	2nd stage 445			234.0		
24. Tubing I	Pacord	L	L	<u></u>			50	SX (100 cu.	ft.)	18.0	<u> </u>	
Size	Depth Set	(MD) Pacl	ker Depth (MD)	Size	Depth S	et (MD)	Packer Dep	oth (MD)	Size	Depth Set (MD)	Packer De	pth (MD)
2 3/8"	6363	3'										
25. Produci			,			tion Record						
	Formation		Тор	Bottom		Perforated Interval		Size	No. Holes	Perf. Status		
A) BASIN I	DAKUTA		6174'	6408'		6174' - 640	8,	0.34"	40		- 10 V = 1	
B) C)			 	}							(50/	0 D
D)		<u> </u>	<u> </u>		 					1 10	c.	- 49)
27. Acid, F	racture, Treatm	ent, Cement Sque	eeze, Etc.							A	SEP	<u> </u>
	Depth Inter	/al				Amo	ount and Type of	Material		(N)	Di C	05
	6174' - 640	8'	1352 bbls 20#	CROSSLINKED G	EL, AND 120,	000# OF 20	/40 OTTAWA S	SAND		(S 0)	COME	v
										8Z	DOMO.	Da.
			 							(R	. O .	
		<u> </u>								This		
28. Product	tion - Interval A									E.		- 4/
Date First	tion - Interval A	Hours	Test	Oil Gas	Wate		Oil Gravity	Gas	Production	n Method	26 57 77 17	115.81
	Test Date		Test Production	Oil Gas BBL MCF			Oil Gravity Corr. API	Gas Gravity	i	·	EE II VI	N. S. B.
Date First	Test	Hours Tested		BBL MCF	BBL	er			FLOWI	NG	R RECOE	N. S. W.
Date First Produced	Test Date 8/12/2005 Tbg. Press. Flwg.	Hours Tested Csg. Press.	Production	BBL MCF	BBL	er	Corr. API	Gravity	FLOWI	·	R RECOR	IL SIE
Date First Produced Choke Size	Test Date 8/12/2005 Tbg Press. Flwg. SI	Hours Tested Csg. Press. 1300	Production 24 Hr.	BBL MCF	BBL	er	Corr. API Gas : Oil	Gravity	FLOWI SI	CEPTED FO	_ _	IL SING
Date First Produced Choke Size 28a Produced Date First	Test Date 8/12/2005 Tbg. Press. Flwg.	Hours Tested Csg. Press. 1300	Production 24 Hr. Rate Test	BBL MCF Oil Gas BBL MCF Oil Gas	Wate BBL Wate	er	Corr. API Gas : Oil	Gravity	FLOWI SI	CEPTED FO	_ _	IL H
Date First Produced Choke Size	Test Date 8/12/2005 Tbg. Press. Flwg. SI ction - Interval	Hours Tested Csg. Press. 1300	Production 24 Hr. Rate	BBL MCF	Wate BBL Wate	er	Corr. API Gas : Oil Ratio	Gravity Well Sta	FLOWI SI Production	CCEPTED FO	2005	-
Date First Produced Choke Size 28a. Produced Date First	Test Date 8/12/2005 Tbg. Press. Flwg. SI ction - Interval Test	Hours Tested Csg. Press. 1300 B	Production 24 Hr. Rate Test	BBL MCF Oil Gas BBL MCF Oil Gas	Wate BBL Wate	er	Corr. API Gas : Oil Ratio Oil Gravity	Gravity Well Sta	SI Production	CCEPTED FO	2005	_
Date First Produced Choke Size 28a Produced Date First Produced	Test Date 8/12/2005 Tbg. Press. Flwg. SI ction - Interval Test Date	Hours Tested Csg. Press. 1300 B Hours	Production 24 Hr. Rate Test Production	BBL MCF Oil Gas BBL MCF Oil Gas BBL MCF	Wate BBL Wate BBL Wate BBL	er er	Corr. API Gas: Oil Ratio Oil Gravity Corr. API	Gravity Well Sta Gas Gravity	SI Production	CCEPTED FO	2005	-

b. Produc	tion - Interval	c								
e First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
luced	Date	Tested	Production	BBL	MCF	BBL	Сопт. АРІ	Gravity		
ke	Tbg. Press.	Csg.	24 Нг.	Oil	Gas	Water	Gas : Oil	Well Status		
;	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio	1		
Dunder	SI			<u> </u>						
e First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
duced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	I roduction rection	
.1	Tbg. Press.	Can	24 Hr.	Oil	Gas	Water	-	W-II 64-5	_1	
oke e	Flwg.	Csg. Press.	Rate	BBL	MCF	BBL	Gas : Oil Ratio	Well Status		
	SI			ــــــــــــــــــــــــــــــــــــــ			L			
•		old, used for fuel,						•		
		ON PIPELINE C						31 Formatio	on (Log) Markers	
Junina	ly of Forous 2	ones (merade / te	juners).					J1. Tomath	on (Log) Markers	
	luding depth in		d contents thereof: shion used, time to							
		T	Bottom		Danadatio			- L		τ
rom	nation	Тор	Bottom		Description	ons, Contents, et	u. ————————————————————————————————————	Name		Top Meas. Depth
								OJO ALAM	0	131'
			1					KIRTLAND)	306'
SIN DA	KOTA	6174'	6408'					FRUITLAN PICTURED		1261'
	ĺ	}						CLIFF HOL		1606' 3151'
	}		}					MENEFEE		3201
		-						POINT LOC	OKOUT	4081'
	į		1					MANCOS GALLUP		4361'
			İ				•	DAKOTA		5271' 6174'
			į							-
		[į		1
		ĺ								
]								
Additio	onal remarks (include plugging	procedure):				 			1
	`	. 00 0								
								•		
							···			·
. Circle	enclosed attac	nments:					٠			
			ogs (1 full set req' ging and cement ve		 Geolo Core / 	gic Report Analysis	DST RepOther:	ort	4. Directional Survey	
										
I. I herel	by certify that t	the foregoing and	attached informat	ion is compl	ete and correct a	is determined fro	om all available reco	ords (see attached	I instructions)*	
	Name (plea	ase print) <u>I</u>	Paul C. Thompson	, P.E.			Title	Agent		 _
			/ /							
		7		16.			Data	8/25/2005		
	Signature	- au	<u>,, </u>	1000	<u>u</u>		Date	8/23/2003		