Form 3160-4 (September 2001)

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

/	FORM APPROVED	
/	OMB NO, 1004-0137	
Ex	pires: January 31, 200	1

WELL COMPL	FTION OR	RECOMPL	FTION REP	PORT AND	HOG

															,		
		_	1 🔽	Gas W	ell [	Dry Ot	her Deen	en 🗖 Pli	o Rack	î l	nier i	Segvr -	2 <sup>14</sup> 6.	lf India	n, Allotte	e or Tribe Name	
Completi	OII.				<b>.</b>	TOIR OVEL	Беср		E Dack		J111. 1	(C3V1,	7.	Unit or	CA Agree	ement Name and No.	
f Operator			ther_					<del></del>	1	-		4 . 5 . 4 . 3					
•									ψ. υ			,	8.	Lease N	lame and	Well No.	
Richardson Operating Company  3. Address  3a. Phone No. (include area code)										<u> </u>	Ropco 4 #1						
the state of the s										1	9. API Well No.						
						ordance with	Federal 1					-	* * *	30-045-30366			
_	•			-				-								r Exploratory	
ace 870'	FNL &	£ 1205	'FEL						4					11. Sec., T., R., M., on Block and Survey			
prod. inter	val rep	orted	below										''	or Area Sec. 8, T29N, R14W NMPM			
													12	. County	or Parish	13. State	
l depth													San.	Juan		NM	
Spudded			15. I	Date T.E	). Reach	ed			-				17	. Elevati	ons (DF,	RKB, RT, GL)*	
			276	۵1				_	•		ady to	Prod.	5426	אווי			
Depth: M	D 11	30'	p/20/	01	19 P	hig Back T I	) · MD 16		21-3		Denth	Bridge Pl					
					15.1	106 Duen 111	TVD	002 RD		20.	Dopin	Dirage 11	ug Det.				
lectric & C	other N	/lechar	nical L	ogs Rur	(Subm	it copy of eac	:h)			22.	Was	well core	1?	No No	Yes	(Submit analysis)	
														=		(Submit report)	
										<u> </u>	Direc	tional Sur	vey? [	No	Yes	(Submit copy)	
and Lines	r Reco	ra (Re	port at	ll strings	set in w	ell)	Stan	e Cementer	No	of Sks	R.	Cluent V	/ol				
Size/Gr	ade	Wt. (#	‡/ft.)	Тор (	MD)	Bottom (M		Depth	1			Cement Top*		Amount Pulled			
+								·				13.7		Cir		Surf	
4.5"		10.	.5	St	ırf	1127' KB		110 Cla			•	23.1			ir	Surf	
+	$\dashv$	<del></del>					_	:	<del>                                     </del>		-						
1						<del> </del>	<del>-  </del>		<del> </del>			<del></del>					
Record																	
Depth	Set (N	MD)	Packe	r Depth	(MD)	Size	Dept	h Set (MD)	Packer	Depth (	(MD)	Siz	e	Depth	Set (MD)	Packer Depth (MD)	
		931	7									<u> </u>	<del></del>	<u> </u>			
			<del>'</del>				26.			T				<del></del>			
	n				-		_				<del></del>					Perf. Status	
Coal			+-	874'		924		874-882, 912-924		0.38*		.38"	80				
			+-		_									-		• • • • • • • • • • • • • • • • • • • •	
			1		+			<del></del>									
racture, Ti	reatme	nt, Ce	ment S	Squeeze	Etc.		<u>. I </u>								-		
epth Inter	val							A	mount a	nd Typ	e of N	laterial					
			100,	000# 20/	10 Brady												
<del></del>			$\perp$														
tion - Inte	nyel A					<u></u>	<del></del>									<del></del>	
Test				Oi		Gas	Water	Oil Grav	rity	Gas	3	Prod	ction N	lethod			
Date	l		Producti	on BB	L	MCF	BBL										
6/26/01 The Press			74 12-	-	0	75	65 Water	0 0"		11711	I Canada		_×				
Flgw.	Press		Rate			MCF	BBL	Ratio		Well Status			Ä	ACCEPTED FOR RECORL			
20		0			0	75	65			Flov	wing					יי חבנטאנ	
		Υ				<del></del>							$\perp$	90		7110	
Test Date						Gas MCF	Water BBL					Produ				2002	
	L										•		F	Africial	ric White	Lb dffins	
Tbg. Press. Flwg. Si	Call Press			Oi BE	l L	Gas MCF	Water BBL	Gas: Oil Ratio		Wel	li Statu	8		- (	79	* · · ·	
	f Operator Operating Sta Highwa of Well ( face 870' prod. inter I depth Spudded Depth: M T lectric & C ed Neutron and Line Size/Gr 4.5"  Record Depth Interva Formatio Coal  Test Date Test Date Test Date Test Test Date Test Test Test Date Test Test Test Date Test Test Test Test Test Test Test Te	f Operator Operator Operating Comp Sta Highway Fan of Well (Report face 870' FNL & prod. interval rep I depth Spudded  Depth: MD 11: TVD Idectric & Other M and Liner Reco Size/Grade  7" 4.5"  Record  Depth Set (1) 1082  ing Intervals Formation I Coal  Test Depth Interval  Atton - Interval A Test Depth Interval  Test Depth Interval  Test Date Test Date Test Test Date Test Test Test Test Date Test Test Test Test Test Test Test Te	f Operator Operating Company Sta Highway Farmingto of Well (Report locate face 870' FNL & 1205 prod. interval reported I depth Spudded  Depth: MD 1130' TVD Idectric & Other Mechan and Liner Record (Re Size/Grade Wt. (A.5" 10  Record  Depth Set (MD)  1082 9 3 ing Intervals Formation I Coal  Teste Hours Date Tested  Teste Hours Date Tested  Togs. Press SI 20 160  Stion - Interval B Teste Tested Teste	Other f Operator Operating Company  sta Highway Farmington, NM of Well (Report location cle face 870' FNL & 1205' FEL prod. interval reported below  I depth Spudded 15. I  Spudded 15. I  Operating Company  I depth Spudded I depth  Spudded I depth  Spudded I depth  Spudded I depth  I depth Spudded I depth  I depth Spudded I depth  I depth Spudded I depth  I depth I depth  Spudded I depth  I depth Spudded I depth	Completion:  Other	Completion:    New Well	New Well   Work Over   Other	New Well   Work Over   Deep Other	Completion: Mew Well Work Over Deepen Plance Other  Other  Other  Other  Other  Operator  Operator  Operator  Operator  Operator  Operator  Operator  Operator  Operator  Sac Store Store  In Highway Farmington, NM 87401  Soposition Spots Soposition of Well (Report location clearly and in accordance with Federal requirements are 870' FNL & 1205' FEL  prod. interval reported below  I depth  Spudded  I5. Date T.D. Reached  J26/01  J19. Plug Back T.D.: MD 1082' KB  TVD  Size Operator  Operator  Operator  Spots Store  Spots Store  I depth  Spudded  I5. Date T.D. Reached  J26/01  J19. Plug Back T.D.: MD 1082' KB  TVD  Stage Cementer Depth  TVD  Stage Cementer Depth  TVD  Stage Cementer Depth  TVD  Size Depth Set (MD)  J082' J3 J7  J10.5 Surf  J1127' KB  A 5"  J10.5 Surf  J10.6 Surf  J10.0000' 20'40 Brady  A 5"  J10.0000' 20'40 Brady  J10.0000' 20'40 Brady  J10.000' 20'40 Brady  J10.000	New Well   Work Over   Deepen   Plug Back   Other   Other	New Well   Work Over   Deepen   Plug Back   3	Completion:   New Well   Work Over   Deepen   Plug Back   Diff. Is Other	New Well   Work Over   Deepen   Plug Back   Diff. Resvr.	No.	Well   Oil Well   Gis Well   Dry Other   Deepen   Plug Back   Driff Resvr.   7. Unit or Other   7. Unit or	New Well	

286. Produ	ction - inter	rvau											
Date First Produced	Test Date	Hou.s Tested	Test 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	Well Status				
28c. Produ	ction - Inte	rval D	نوپا ك	1									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method				
Choke Size	The Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status					
29. Dispos	ition of Gas	s (Sold use	ed for fuel, v	ented, etc	:.)								
Vented 20 Summ	ar of Doro	7000 (	Include Aqı	rifarc):				21 5	ing (Lan) Mandana				
Show tests,	all import	ant zones	of porosity	and conte	ents thereof: d, time tool o	Cored intervopen, flowing	als and all drill-ste and shut-in pressur	m l	ion (Log) Markers				
Form	ation	Тор	Bottom		Desc	riptions, Con	tents, etc.		Name To Meas.				
Fruitla	nd Coal	874'	924'				•						
Picture	d Cliffs	930'	940'										
								İ					
				ļ									
				ŀ									
32. Additi	ional remari	ks (include	plugging pr	rocedure):		· · · · · · · · · · · · · · · · · · ·							
						on report date	ed 21-Jan-02 incorre	ectly identified th	ne completed zone as the Picture	ed Cliffs.			
33. Circle	enclosed a	ttachments	:										
			ogs (1 full se	•		Geologic Rep		-	Directional Survey				
5 Su	ndry Notice	for pluggi	ng and ceme	nt verific	ation 6	Core Analysi	is 7 Other	:					
34. I here	by certify the	hat the fore	going and a	ttached in	formation is	complete and	l correct as determin	ed from all avail	lable records (see attached instru	uctions)*			
Name	(please pri	int) Drew C	arnes				Title Operati	ons Manager					
Signa	ture 🗼						Date 10/11/0	17					
		) 4					DRIE TOTTIC						

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 United States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction.