SUBMIT IN TRIPLICATE.

(Other instructions on reverse side)

FORM APPROVED

Fo a. 3160-3	
(July 1992)	UNITED STATES
	DEPARTMENT OF THE INTER
	BUREAU OF LAND MANACEMEN

OWR				
Expires:	Febr	пагу	28,	1995

	DEPARTMEN	T CF THE INTE	RIOR	,		
	BUREAU OF LAND MANAGEMENT				. LEASE DESIGNATIO	
ΔΡΡΙ	ICATION FOR P			6	IN MIN M.	-101551
la. Type of work		LAMIT TO BAIL	LL ON DELFEN			N/A
b. TYPE OF WELL	ILL U	DEEPEN	_		UNIT AGREEMENT	NAME N/A
	VELL OTHER		SINGLE MULTIF	YLE DE 8.	FARM OR LEAST NAME, W	CO 7 #1
	perating Co.		(303) 830-80	00	30-045-3	0523
700 Lincoln LINCOLD OF WELL (R	St., Suite 17	700, Denver,	Co. 80203 State requirements.*)	Fruit	Coal & Tw	Mo PC
At surface	1254' FNL	& 1939' FEL		11	. SEC., T., R., M., OR	BLK.
At proposed prod. zor	Same			В	1-6311-14	w NMPM
	AND DIRECTION FROM NEA E of Kirtland	REST TOWN OR POST OFFI	CE*		an Juan	13. STATE NM
5. DISTANCE FROM PROPORTION TO NEARES	USED*	16. 3	SO. OF ACRES IN LEASE	17. NO. OF A	CRES ASSIGNED	INIVI
PROPERTY OF LEASE I	LINE, FT.	66'	220 55	TO THIS	-/	2 - 2 - 1/6
B. DISTANCE FROM PROI	OSED LOCATION*	19. r	238.55 PROPOSED DEPTH	20. ROTARY	R SABLE TOOLS	& 160 M
OR APPLIED FOR, ON TH	IS LEASE, FT.	N/A	660'		22. APPROX. DATE W	Rotary
. ELEVATIONS (Show wh	ether DF, RT, GR. etc.)	,250' ungrad	ad			
		<u> </u>	ID CEMENTING PROGRAM		Feb. 15	, 2001
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEME	
8-3/4"	K-55 7"	20	120'		≈36 cu. ft. &	
6-1/4"	K-55 4-1/2"	10.5	660'		≈125 cu. ft. &	
chaeology repor	t LAC-2000-31v	filed 11-15-2006	O. OCI CHIEF	Subje	MS OPERATIONS : OT TO COMPLIANC RAL REQUIREMEN	I WITH ATTACHS
ABOVE SPACE DESCRIBE	E PROPOSED PROGRAM: If nent data on subsurface Lyanfor		a on present productive zone a cai depths. Give blowout preven Consultant (505) 4	cc: BLI nd proposed new iter program, if an	M, Colby, OCD productive zone. If p	(via BLM)
SIGNED	- we	TITLE			DATE	
eThis space for Feder	ral or State office use)		APPROVAL PATE	10 /5	-/01	
	•	licant holds legal or equitable to	itle to those rights in the subject le			onduct operations there-
iel V.	R. Baldersz				0CT - 5	λυβ·
APPROVED BY		TITLE		Dz	ATE	

*See Instructions On Reverse Side

State of New Mexico Energy, Minerals & Mining Resources Department

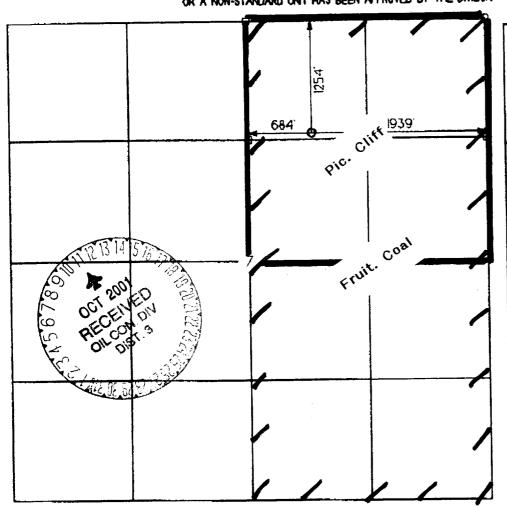
Fax:970-565-3330

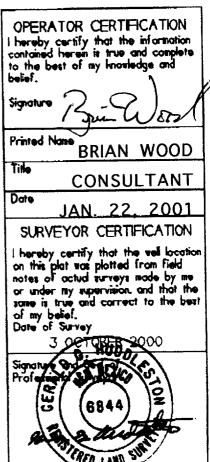
Form C - 102

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505

MENDED REPORT

A	PA Num	oer .	\top	Pool Coo	•			Pool Name	- -
		0523	71	629 &	86620	FRUIT.	COAL	& TWIN	MOUNDS PC
Property (1			Property No	m 4			Wel Nuber
2896	、ス		•		ROPCO				7-1
OGRAD N		 			Operator No	The .			Elevation
			P	KCHARDS(ON OPERAT	ING COMP	ANY		5 25 0'
0192	19	<u> </u>	.10	CHANDO		e Location			
UL or Lot	Sec.	Tup.	Rge.	Lot lon		North/South	Feet from>	Eget/West	County
	7	•	14 W.		1254	NORTH	1939	EAST	SAN JUAN
В	لـيـٰـا	29 N.	1 14 11.	Ratio	a Hole Locatio		From Surface	•	
	1 6	<u> </u>	Rge.	Lot ldn.	Fast from	North/South	Feet from>	Eurt/West	County
UL or Lot	Sec	Twp.		20. 4					
	 		<u> </u>	<u> </u>		<u> </u>	Ord	er No.	
Dudication	1 *	±nt ?	Consolida	TION					
40 PC	<u> </u>		A		TIME CONTINUE	WALLBUYE AL	MTERESTS	HAVE BEEN CO	NISOLDATED
	Į.	NO VITOWA	REWLLAN ORAN	NGCED TO N-STANDAR	ED UNT HAS B	EEN APPROVE	D BY THE DIV	BON	
				, -			والمستوريات	S o.	,
					†				RATOR CERTIFICATION
						•			
							_	UPC	by certify that the information and berein it true and complete





PAGE 11

Richardson Operating Co. Ropco 7 #1 1254' FNL & 1939' FEL Sec. 7, T. 29 N., R. 14 W.

San Juan County, New Mexico of Course Sewage Disposal off Course SITE Central Jr High Sch

PROPOSED WELL: ■
EXISTING WELL: ■
P&A WELL: ◆

PROPOSED PIPELINE: •••

EXISTING ROAD: •••

LEASE:



Richardson Operating Co. Ropco 7 #1 1254' FNL & 1939' FEL Sec. 7, T. 29 N., R. 14 W. San Juan County, New Mexico

Drilling Program

1. ESTIMATED FORMATION TOPS

Farmation Name	GL Depth	KB <u>Depth</u>	Subsea Elevation
Formation Name	000'	5'	+5,250'
Kirtland Sh	510'	515'	+4,740'
Basal Fruitland Coal	• • •	535'	+4,720'
Pictured Cliffs Ss	530'	• • •	+4,590'
Total Depth (TD)*	660'	665'	+4,330
u i	ungraded ground	level of 5.250'	

^{*} all elevations reflect the ungraded ground level of 5,250

2. NOTABLE ZONES

Gas Zones Fruitland Coal (510') Rictural Cliffs (530')	Water Zones Fruitland Coal (510')	<u>Coal Zones</u> Fruitland Coal (510')
Pictured Cliffs (530')		

Water zones will be protected with casing, cement, and weighted mud. Fresh water encountered during drilling will be recorded by depth, cased, and cemented. Oil and gas shows will be tested for commercial potential based on the well site geologist's recommendations.

3. PRESSURE CONTROL

The drilling contract has not yet been awarded, thus the exact BOP model to be used is not yet known. (A typical 2,000 psi model is on PAGE 3.) Double ram or annular system with a rotating head will be used. All ram preventers and related equipment will be hydraulically tested at nipple up and after any use under pressure to 1000 psi.



Richardson Operating Co. Ropco 7 #1 1254' FNL & 1939' FEL Sec. 7, T. 29 N., R. 14 W. San Juan County, New Mexico

Blind rams will be hydraulically activated and checked for operational readiness each time pipe is pulled out of the hole. All checks of the BOP stack and equipment will be noted on the daily drilling report. BOP equipment will include a kelly cock, floor safety valve, and choke manifold all rated to 2000 psi. Maximum expected pressure is ≈ 265 psi.

4. CASING & CEMENT

II-la Ciza	0.0	Weight (lb/ft)	<u>Grade</u>	<u>Age</u>	GL Setting Depth
Hole Size	<u>O.D.</u> 7"	20	K-55	New	120'
8-3/4"	4 4 (2"		K-55	New	660'
6-1/4"	4-1/2"	10.5	K-22	14044	000

Surface casing will be cemented to surface with ≈ 36 cu. ft. (≈ 30 sx) Class B + 2% CaCl₂. Volume is based on 100% excess, yield of 1.18 cu. ft./sk, and slurry weight of 15.6 PPG. WOC = 12 hours. Pressure test surface casing to 600 psi for 30 minutes.

Production casing hole will first be cleaned of rock chips by circulating at least 150% of hole volume with mud to the surface. Thirty barrels of fresh water will next be circulated. Lead with ≈ 70 cu. ft. (≈ 35 sx) of Class B with 2% metasilicate (yield = 2.06 cu. ft./sk, slurry weight = 12.5 PPG). Tail with ≈ 55 cu. ft. (≈ 47 sx) of Class B with 2% CaCl₂ (yield = 1.18 cu. ft./sk, slurry weight = 15.6 PPG). Total cement volume is ≈ 125 cu. ft. based on 75% excess and circulating to surface.

Production casing will have 4-1/2" cement guide shoe and self fill float collar. Float will be placed one joint above the shoe. Three centralizers will be spaced on every other joint starting above the shoe. Three turbolizers will be placed on every other joint starting from the top of the well.



Form 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1604-0135
Expires: January 31, 2004

3. Lease Serial No.	
NMNM-101551	
6. If Indian, Allottee or Tribe Name	

2.461	RIPLICATE - Other, Institut	tions on rever	se side	7. If Unit o	or CA/Agreement, 1	Name and/or No.
1. Type of Well ☐ Oil Well ☐ Gas Well ☐	Other		6728333	8. Well N	ame and No.	
2. Name of Operator			♣ ~	ROPCO	O 7 #1	
Richardson Operating Compar	ıy		MAY 2002	9. API W	ell No.	
3a. Address		3b. Phone No (inch	de area code)	,	5-30523	
3100 La Plata Hwy., Farming		(505) 564-3100		<u> </u>	and Pool, or Explora	•
4. Location of Well (Footage, Sec.	, T, R., M., or Survey Description)				lounds PC & Fruit	land Coal
1254' FNL & 1939' FEL Sec.	7-T29N-R14W, NMPM				y or Parish, State	
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NAT	URE OF NOTICE		n, New Mexico OR OTHER DAT	<u></u> ГА
TYPE OF SUBMISSION		7	YPE OF ACTION			
 Notice of Intent ✓ Subsequent Report ☐ Final Abandonment Notice 	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (S Reclamation Recomplete Temporarily Water Dispos	Abandon	Water Shut-G	
Attach the Bond under which the Bond under which the Bond under which the following completion of the intesting has been completed. Fir determined that the site is ready	• •	, give subsurface locat de the Bond No. on fi ssults in a multiple cor iled only after all requ	ions and measured and le with BLM/BIA. Req unletion or recompletion	true vertical deputired subsequent	ths of all pertinent nat reports shall be fil	markers and zones. led within 30 days
4/12/02 Spud well 8:15 AM dri 4/13/02 Drilled to 60', secured si		wn			2002 MAY	7
4/14/02 Drilled to 140', set plug	@ 132.6', 75 sx cement, circula	ted 4 bbls to surface	, set K-55 7" 20# pi	pe	5 3	
4/16/02 drilled to 640', 90 sx ce	ment				w b	
4/17/02 TD reached 690', 85 sx	cemented, circulated 10 bbls to	surface, set K-55 4	1/2", #10.5 pipe to 6	60', secured loc	cation = =	
WAITING ON CONNECTION						
				ENTERE	r,	
14. I hereby certify that the foregoin Name (PrintedlTyped)	ng is true and correct			4-MSS		
Anne Jones		Title L	and Manager	····		
Signature Signature	Das)	Date 5/	/8/02 BY	41/1		
	THIS SPACE FO		STATE OFFICE U	\$6F	ACCEPTED	FOR DEAK
Approved by (Signature)			Name Printed/Typed)		Title MAY 9) () ()()()
Conditions of approval, if any, are certify that the applicant holds leg which would entitle the applicant to	al or equitable title to those rights	JUCS HUL WALLAIL UL I	Office		Date Affiliation	FrieLD Open

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 against a states any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.