

SIDE TWO

Operator Name Raymond Oil Company, Inc. Lease Name Rundell Well # 4
 Sec. 5 Twp. 26 Rge. 11 East West
 County Pratt

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p align="center">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr><td>Heebner</td><td>3342</td><td>-1594</td></tr> <tr><td>Toronto</td><td>3458</td><td>-1610</td></tr> <tr><td>Douglas Shale</td><td>3475</td><td>-1627</td></tr> <tr><td>Brown Lime</td><td>3621</td><td>-1773</td></tr> <tr><td>Lansing</td><td>3648</td><td>-1800</td></tr> <tr><td>"H" Zone</td><td>3808</td><td>-1960</td></tr> <tr><td>BKC</td><td>3986</td><td>-2138</td></tr> <tr><td>Marmaton</td><td>3999</td><td>-2151</td></tr> <tr><td>Cherokee Sh.</td><td>4072</td><td>-2224</td></tr> <tr><td>Miss. Chert</td><td>4121</td><td>-2273</td></tr> </tbody> </table> <p align="right">cont. see attached</p>	Name	Top	Bottom	Heebner	3342	-1594	Toronto	3458	-1610	Douglas Shale	3475	-1627	Brown Lime	3621	-1773	Lansing	3648	-1800	"H" Zone	3808	-1960	BKC	3986	-2138	Marmaton	3999	-2151	Cherokee Sh.	4072	-2224	Miss. Chert	4121	-2273
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B/Miss. Chert	4193	-2345	
Kinderhook Sh.	4255	-2407	
Viola	4350	-2502	
Simpson Sh.	4445	-2597	
Simpson Sand	4452	-2604	
Arbuckle	4510	-2662	
RTD		-2792	
LTD	4649	-2801	

New Used surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	14-3/4"	10-3/4"	40#	250'	60/40poz	225	3%cc 2% gel
Production	7-7/8"	5 1/2"	15#	4515'	Lite	100	
					60/40poz	150	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	4170'-80'	Acidized w/1000 gal 7 1/2% M.A.	
2	4122'-52'	Acidized w/1500 gal 7 1/2% M. A. and 90 balls	
		Fraced well w/1914 Bbls. cross link gel and 60,000#-20-40 & 90,000#-12-20 sand	

TUBING RECORD	Size <u>2"</u>	Set At <u>4126'</u>	Packer At <u>CIBP 4165</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production <u>12-17-90</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	<u>18</u> Bbls.	<u>50</u> Mcf	<u>150</u> Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____

UNITED CEMENTING & ACID CO., INC.

FIELD TICKET NO. 1075
 INVOICE NO. 1050
 DATE 11-19-90

(316) 321-4680

REMIT TO
 BOX 712
 EL DORADO, KANSAS 67042

ORIGINAL

FEB 05 1992

FROM CONFIDENTIAL

Raymond Oil Co.
 c/o Art Schoenhofer
 16051 East 13th St.
 Andover, KS 67002

FULLY INSURED

P.O. #

DATE OF JOB	COUNTY	STATE	LEASE	WELL NO.
11-14-90	Pratt	KS	Rundell	#4
SIZE CASING	DEPTH OF WELL	DEPTH OF JOB	PLUG DEPTH	PRESSURE
10 3/4"	250'	250'	235'	
Cementing surface pipe.				
225 sax	60-40 Poz Mix Cement	(1) Cementing unit		300.00
7 sax	Cal. Chloride	@ 3.85 per sax		866.25*
	Bulk charge	@ 20.00 per sax		140.00*
	Drayage	@ .75 x 232 sax		174.00*
1	8 5/8" Top Wooden Plug	@ 11.50-t x .60 x 26 mi.		179.40*
		@ 28.00 ea.		28.00*
SALES TAX				\$ 72.85
TOTAL				\$ 1,760.50

TERMS: NET 30 DAYS
 FROM INVOICE DATE

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RECEIVED
 STATE CORPORATION COMMISSION

MAR - 4 1991

CONSERVATION DIVISION
 Wichita, Kansas

UNITED CEMENTING & ACID CO., INC.

REMIT TO
BOX 712
EL DORADO, KANSAS 67042

BUCKET NO. 1080
INVOICE NO. 1077
DATE 11-26-90

(316) 321-4680

FEB 15 1991

Raymond Oil Co.
c/o Art Schoenhofer
16051 East 13th Street
Andover, KS 67002

FROM CONEIDE

FULLY INSURED

P.O. #

DATE OF JOB	COUNTY	STATE	LEASE	WELL NO.
11-21-90	Pratt	KS	Rundell	04
SIZE CASING	DEPTH OF WELL	DEPTH OF JOB	PLUG DEPTH	PRESSURE
5 1/2"	4650'	4502'	4500'	1100'
Cementing production string.				
		(1) Cementing unit		850.00
150 sack	60-40 Poz Mix Cement	@ 3.85 per sack		577.50*
100 sack	50-50 Poz Mix Cement	@ 3.00 per sack		300.00
5	5 1/2" Centralizer	@ 28.00 ea.		140.00*
1	5 1/2" Guide Shoe, 8' rd.	@ 80.00 ea.		80.00*
1	5 1/2" Insert Valve, APU, 8' rd.	@ 102.50 ea.		102.50*
	Bulk charge	@ .75 x 250 sack		187.50*
	Drayage	@ 12.50-T x .60 x 26 mi.		195.00*
1	5 1/2" Top Rubber Plug	@ 35.00 ea.		35.00*
SALES TAX				\$ 86.92
TOTAL				\$ 2,557.42

TERMS: NET 30 DAYS
FROM INVOICE DATE

RECEIVED
STATE CORPORATION COMMISSION

MAR - 4 1991

CONSERVATION DIVISION
Wichita, Kansas