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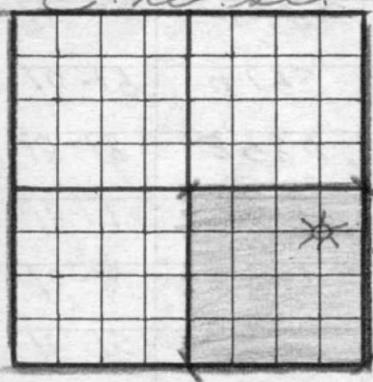
State Kansas County Seward
Company Columbian Fuel ^{G.M.R.} Well No. 1
Farm Reinhardt
Survey

Block No. Sec. 10 Twp. 33 Range 31W

Co-Ord. Elev. 2767 K/B

c. lease

Rig #2



86% - Columbian Fuel Corp.
14% - G.M.R. Oil

Stan. farmant - 2-2407
v. D.H.M.

NOTE: Show Sketch of Lease and Well Location in Above Space

660 Ft. from N. Line Ft. from S. Line
Ft. from W. Line 660 Ft. from E. Line

Date	Depth	
<u>1953</u>		
<u>10-1-53</u>		<u>M.S.R.G.</u>
<u>10-3</u>		<u>Fishing</u>
		<u>Spudded - 10-2-53</u>
		<u>13 3/8 @ 567' w/ 450 specim.</u>
		<u>Plug down @ 8:20 P.M.</u>
		<u>3 C.C.</u>
		<u>10-3-53</u>
<u>10-5</u>	<u>998</u>	<u>Drilg.</u>
<u>10-6</u>	<u>1867</u>	<u>Drilg.</u>
<u>10-7</u>	<u>2338</u>	<u>✓</u>
<u>10-8</u>	<u>2555</u>	<u>✓</u>

Date	Depth	714845
10-9		9 5/8 @ 2599 1/2 w/ 800 ft
		10-9-53 Lug down @ 7:30 a.m.
		WOC - 48 hrs.
10-12	2670	Dry.
		D.S.T. #1 - 2665 - 2745 - Hightower Gas zone
		ap. 1 hr, shut in 20"
		w.b. incr. to fair blow
		after 5", rec. 15 1/2 g.c. w.
		I.F.P. 50 # F.F.P. 300 #
		B.H.P. - 575 # - Est. 2-3M c/g
10-13	2885	Dry.
10-14	3150	-
10-15	3399	-
10-16	3541	-
10-17	3683	-
10-18	3984	-
10-19	4195	-
10-20	4482	-
		D.S.T. #2 - 4492 - 4512 - ap. 1 hr,
		Cl. 15", rec. 750' S.W.
		I.F.P. 50 # - F.F.P. - 350 #
		B.H.P. 1225 #
10-21	4610	Dry.
10-22	4694	

State Kansas County Seward

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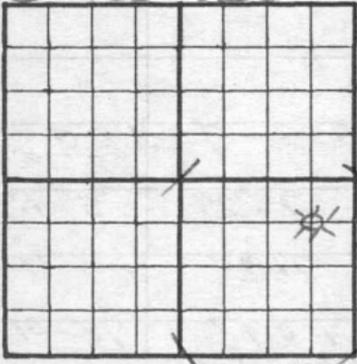
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Fig # 2

86% - Col. Fuel Corp.
14% - G.M.R. Oil Co.



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u D.H.M.

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660 Ft. from N. Line 660 Ft. from S. Line
Ft. from W. Line 660 Ft. from E. Line

Date	Depth	
1953		
		D.S.T. #3 - 4678 - 4694 - op. 1 hr. cl. 20" w.b. blow incr. sli. thru point test. rev. 190' sli. g. CATM (salty) I.F.P. - 0 F.F.P. 0 - B.H.P. 1100 #
10-23	4875	Drily.
10-24	4941	Coring (4900 - 4950)
		D.S.T. #4 - 4949 - 4972 - Op. 90" cl 20" fair blow throughout rec. 585 mdy S.W. - I.F.P. 25 # F.F.P. 350 # B.H.P. 1650 #

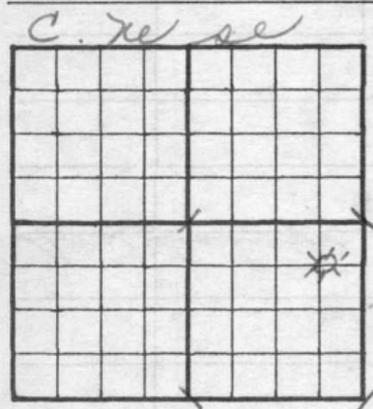
714845

Date	Depth	
10-25	4972	Drily.
10-26	# 5068	-
10-27	5198	-
D.S.T. #5 - 5183-5198 - op. 1 hr., cl. 20"		
Lower Marmaton fair blow incr. throughout		
rec. 480' S.W. I.F.P. - 225#		
F.F.P. - 275# B.H.P. - 1600#		
10-28	5318	Drily.
10-29	5506	-
10-30	5550-67	Casing - 16' shale
		oil oozing out
	5573	Drily.
	5567-5607	Core 40' shale + sandstone
10-31	5607	Drily
11-2	5610	-
11-3	5626	-
10-30-53	D.S.T. #6 - 5557-5607	- op. 2 hrs.
		cl 20' - strong blow throughout
		gas to surface in 10"
		rec. 360' gas & sh. O.C.M.
		tr. free oil
		F.P. - 125-200# B.H.P. - 1800#
		6' sand tight saturated
		with sh. fo. - good por.
		4' shale
		9' tight sand -
		saturated & bleeding
		some fo.

State Kansas County Seward
 Company Col. Fuel & H.M.K. Well No. 1
 Farm Rinehart
 Survey _____

Block No. _____ Sec. 10 Twp. 33 S Range 31 W

Co-Ord. _____ Elev. 2767 4/8



C. Reese Rig # 2
86% - Col. Fuel Corp
14% - G.M.K. Oil Co.
 Slan. farmant - 2-2407
 & D.H.M.

NOTE: Show Sketch of Lease and Well Location in Above Space

660 Ft. from N. Line _____ Ft. from S. Line _____
 _____ Ft. from W. Line 660 _____ Ft. from E. Line _____

Date	Depth	
<u>1953</u>		
<u>Gas Gauge:</u>	<u>15"</u>	<u>495,000 cfd.</u>
	<u>30"</u>	<u>328,000 ✓</u>
	<u>45"</u>	<u>328,000 ✓</u>
	<u>60"</u>	<u>355,000 -</u>
	<u>75"</u>	<u>367,000 ✓</u>
	<u>90"</u>	<u>367,000 ✓</u>
	<u>105"</u>	<u>379,000 ✓</u>
	<u>120"</u>	<u>391,000 ✓</u>
		<u>(over)</u>

714845

Date	Depth	
10-31-53	D.S.T. #7	5575-5593 (straddle jackets) op. 2 hrs, cl. 20", fair blow throughout, sec. 90' sh. O.C.M. Bomb recording pressure destroyed
11-1-53	D.S.T. #8	5586-5610 - Miss run. Packers failed
11-1-53	D.S.T. #9	5584-5610 - op. 2 hrs, cl. 20", good blow increasing to strong sec. 150' sh. G.C.M. I.F.P. - 125 ^F 200 [#] B.H.P. 1800 [#]
Gas Gauge	20"	- T.S.T.M.
	40"	- T.S.T.M.
	60"	- T.S.T.M.
	100"	- 190,000 cfpd.
	120"	- 190,000 cfpd.
11-3-53	- Dropped 3 Drill Collars fishing	
11-4-53	Got Drill Collars out	
Barring hole for D.S.T.		
11-5	5652	Coreng Set #10 5628-44, op 90" & 36" WK BI 15" then DIED. REC 10' DR19 MUD. PRESSURES - 0
11-6	5720	Delq.

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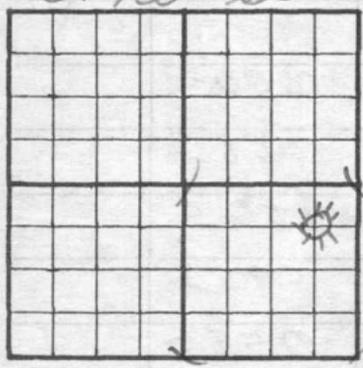
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Ft. from W. Line 660 Ft. from E. Line

Date	Depth	
1953		
11-7	5838	Dry
11-9	5962	Dry - To start D.S.I.
11-10	5996	Dry
11-11	DST #19	5960-6002 ^{1 1/2 hrs} _{20"} rec. 1000' flu. (mostly S.W.) BHP. 1550+ Curing ahead
11-12	6033	Still curing
		5 1/2" @ 6000' w/400' W.O.C.
	6040	RTD Rty work compl. 11-13-53 over

Date	Depth	Taps:
		714845
11-30	1505	Cimmaron Andy (+1263)
	1635	Basestone Corral (+1133)
	2530	Hallenbery (+238)
	2590	Herington (+178)
	2661	Spider (+107)
	2706	Winfield (+62)
	2778	Up. Ft. Riley (-10)
	2844	Low. Ft. Riley (-76)
	2890	Florence Flint (122)
	4446	Lo. (-1660)
	5064	Marmaton (-2296)
	5233	Cherokee (-2465)
	5356	Atoka (-2588)
	5560	Murray (-2774)
	5621	Chester (-2853)
	5822	St. Genevieve (-3054)
	6002	St. Louis (?) (-3234)
12-4		Rigging up Cable Tools
12-5	2 5961	Hold Perforated. will log today
12-7		Perf. 5552-67 (?) - Tested
		5 BWP H & S.O., log off yesterday
P/18	@ 5957-60	- subd. 12 buph
		initially - last 12 hrs
		5 buph w/s.s.o. - sq.
		perf. w/ 50 gal.
		plastic; 38 gal.
		displaced

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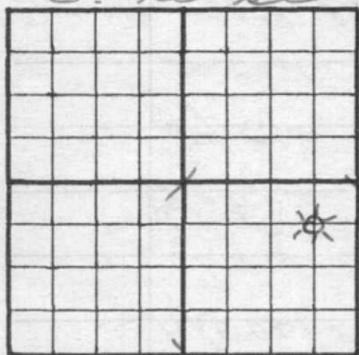
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or G.M.R.

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660

Ft. from N. Line

Ft. from S. Line

Ft. from W. Line

660

Ft. from E. Line

Date	Depth	
1953		
P/24	@ 5946-50,	C.O. to 5951 - tested dry bailing 18-20 gal/ wph. w/ w/ S.S.O. 20 gal. (Chloride 120,000 P.P.M.) eggd. perf. w/ 30 gal. plastic, 24 gal. dia. placed. If plastic 5945

714845

Date

Depth

See Lane - to well bridging plug at 5637 w/10 ft. plastic cap.

P/12 @ 5615-17 w/ hole loaded. Sgpd. w/50 gal. plastic 25 gal. displaced

P/12 @ 5576-78 Sgpd. w/80 gal. plastic - 44 gal. displaced

C.O. to 5614

P/24 @ 5597-5601 - no shows A/500(mud): Max. press. 1500# Testing pressure - 800# Bailed 8 gal. acid w/hr. w/s.s. gas; Bailed 3 gal. acid w/hr. w/1/2 gal. oil/hr. w/19,000 cfpd.

See Baber Plug @ 5593

P/24 -5584-88 (morons) gauged 35,000 cfpd. w/no water

Ran Packer 2" tubing @ 5557

Date

Depth

714845

Swabbed tubing - gas.
 gauged 2,200 MCFP w/
 6 HBO - flowing testing
 oil @ rate of $2\frac{1}{2}$ BO PA -
 no water. Testing

12-23

Waiting on 72/20 Test

12-24

72/20 Test R.P. 1140ft, Gas gauge
 2,322,000 cfpd
 w/spray of oil. (Drop
 from Report.)

11-23

Deliverability 750 Mcf.