



240 Perry Court
240 West Douglas
Aurora Kansas 67002
316-265-6231

RANGE OIL COMPANY, INC.

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY	Range Oil Company, Inc.	ELEVATIONS	K.B. 1213'
LEASE	#1 Buddle	D.F.	1208'
FIELD	SW SW NE	G.L.	1208'
LOCATION	SW SW NE	Measurements Air All	
SEC.	31	TWSP	325
COUNTY	Cowley	STATE	Kansas
CONTRACTOR	Range Drilling Co., Rice #2	FROM	1213' to
SPUD	11-12-84	COMP.	4-21-84
RTO	3282	LTD	3279
MUD UP	1850	TYPE MUD	Chumical
SAMPLES SAVED FROM	225	TO	3282
DRILLING TIME KEPT FROM	225	TO	3282
SAMPLES EXAMINED FROM	2050	TO	3282
GEOLOGICAL SUPERVISION FROM	2050	TO	3282
GEOLOGIST ON WELL	N.T.O.		

FORMATION TOPS	LOG	SAMPLES
2100 (-8912)	2105 (-892)	
2150 (-892)	2157 (-894)	
2200 (-893)	2217 (-894)	
2250 (-894)	2258 (-895)	
2300 (-895)	2317 (-896)	
2350 (-896)	2358 (-897)	
2400 (-897)	2417 (-898)	
2450 (-898)	2458 (-899)	
2500 (-899)	2517 (-900)	
2550 (-900)	2558 (-901)	
2600 (-901)	2617 (-902)	
2650 (-902)	2658 (-903)	
2700 (-903)	2717 (-904)	
2750 (-904)	2758 (-905)	
2800 (-905)	2817 (-906)	
2850 (-906)	2858 (-907)	
2900 (-907)	2917 (-908)	
2950 (-908)	2958 (-909)	
3000 (-909)	3017 (-910)	
3050 (-910)	3058 (-911)	
3100 (-911)	3117 (-912)	
3150 (-912)	3158 (-913)	
3200 (-913)	3217 (-914)	
3250 (-914)	3258 (-915)	

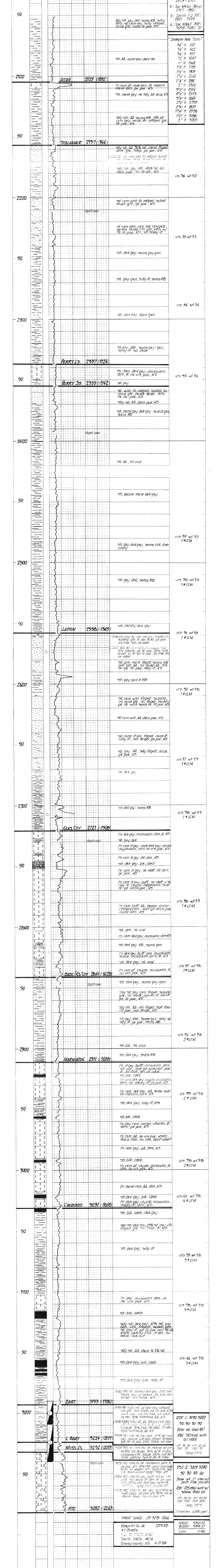
REMARKS:

BEST COPY AVAILABLE

LEGEND

Anhydrite	Salt	Sandstone	Shale	Card Sh	Limestone	Oil Lime	Chert	Dolomite
-----------	------	-----------	-------	---------	-----------	----------	-------	----------

SCALE " 100



WATER GROUND LTD 3279-2086

Range Oil Co., Inc. 1213 RD.
#1 Buddle
SW 1/4 SW 1/4 NE 1/4
Cowley County, KS 4-21-84

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2086

WATER GROUND LTD 3279-2