

90474

MAP NO. _____ ELEV. *3290 DF
 STATE Kansas COUNTY Morton SEC. 7 Twp 32S Rge 39W
 OPERATOR Cities Service Oil Co., Liberal loc. C SE NW
 WELL NO. 2 FARM NAME Renshaw "A" FT. FROM _____ LINE
 OL. Panama FT. FROM _____ LINE
 FR. 9-28-60 SPUD 9-28-60 COMP. 11-28-60

CONT./GEOL. Rine Drilling Rig

COMPLETION RECORD			
NAME PRODUCING INTERVAL	FROM - TO	PERF. W/HOLES	TREATMENT RECORD
a	_____	_____	_____
b	_____	_____	_____
c	_____	_____	_____
d	_____	_____	_____

a I. P. OIL/DIST. _____ WTR. _____ GAS _____ M.C.F.P.D. _____ CHK. _____ HRS. _____
 b " " " " " " " "
 c " " " " " " " "
 d _____

D & A

D & A (X)

SIP# _____ FI TP # _____ FI CP# _____ SIBHP _____
 GOR. _____ GR. _____ PBTD _____ TD 6150

CASING - CEMENT RECORD		CEMENT RECORD	
SIZE	DEPTH	SIZE	DEPTH
<u>8-5/8"</u>	<u>1718</u>	<u>700</u>	
<u>4 1/2"</u>	<u>5907</u>	<u>550</u>	

OPERATOR CSO, Liberal WELL NO. 2 Renshaw "A" ELEV. 3290 DF

SAMPLE TOPS	DEPTH	SUB SEA	ELEC. TOPS	DEPTH	SUB SEA
Anhydrite	1713		Sj Cottage Grove	2738	
Council Grove	2743		Heebner	3100	
Heebner	3904		Toronto	3910	
Toronto	3914		Lansing	4002	
Lansing	4095		Marmaton	4690	
Marmaton	4692		Morrow	5436	
			5x Morrow Sand	5518-32	
			Morrow Sand	5688-5726	
			5x Morrow Sand	5794-5820	
			Chester	5860	
			Ste. Genevieve	5972	
			St. Louis	6062	

DST # 1 2800-90, op 1 hr, rc 50' SLGCM, IFP 50, FFP 80, SIP 275/30".

DST # 2 5520-45, op 1 hr, rc 3' M, pressures all 0.

DST # 3 5692-5701, op 50", GTS 30", TSTM, rec 90' GCM + 550' GC muddy SW, IFP 44, FFP 155, SIP 1430/30".

DST # 4 5782-97, op 30", rec 10' mud, IFP 20, FFP 20, SIP 60/30"
 RTD 6150 (corr fr 5960), Elog, 4 1/2" @ 5907 w/550 sx.

251
#506

DST #5 5785-5834, op 1 hr, GTS 24 mins, g 76 MCF/24 mins, g
108 MCF/60 mins, rec 90' GCM, FP 22-22, SIP 1520/20 mins:
MICT, CO 5855.
P 8/5810-12, NS, 250 MA, 1000 A, swb 17 GFPH + SSG.
Sq/5810-12/50 sx.
pp/96/5774-98, swb 20 GWPB (75,000 ppm), 500 MA, rec ld, swb 40
GWPB/9 hrs (99,000 ppm), sset br pl @ 5725.
p/16/5688-92, 250 MA, swb 50 GWPB, set br pl @ 3080
p/28/3058-65, rec SSG, 250 MA, swb 18 GWPB/10 hrs
swb - NS
D & A

(Note: correct elev from 3195 DF to 3290 DF.)

LIBERAL TOPS

3291 KB

Est. Win 2476 + 815
C. G. 2738 (+553) *Tst. wtr.*
Heebner 3900 (-609)
Toronto 3910 (-619)
Lansing 4002 (-711)
Marmaton 4690 (-1399)
Morrow 5436 (-2136)
"S-2" 5518 (-2227) 3/14
Middle U/"S-3" 5688 (-2397) 33/38 *wtr.*
Low "S-3" 5776 (-2485) 8/14
"S-3" 5794 (-2503) 26/26 *SSG + w*
Chester 5860 (-2569)
St. Gen 5972 (-2681)
St. Louis 6062 (-2771)
TD 6150