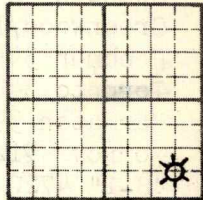


10-139W MAP NO. 82 SEC. 32-34S-41W
 STATE Kansas COUNTY Morton LOC. C SE SE
 OPER. Cities Service Oil Co., Guymon, Okla. FT/FR _____ LINE _____
 WELL #1 FARM Odell "A" FT/FR _____ LINE _____
 TOWN Wilburton ELEV. 3474 GR. 3482 DF 3484 KB _____
 CONT. Holm Drlg. GEOL. Vern Howell
 CO. _____
 INT. _____
 F.R. 9-6-63 SPUD 9-7-63 COMP. 10-8-63
 TD 5275 FM. Chest PBD. 4927'



Completion Record	PRODUCING FM.	FROM	TO	PERF W/HOLES	TREATMENT
		<u>Morr</u>	<u>4870</u>	<u>80</u>	<u>40</u>

I.P. _____
 Casing Record
8-5/8" @1469' w/ 650 Sx.
4 1/2" @4970' w/140 Sx.

Data Inc.

(KB Log Tops)

Top	3088	+ 396	Marm	3932	- 448	MorrSd	5136-80	-1652
Shaw "A"	3228	+ 256	Morr	4712	-1228	Keyes	5208	-1724
Shaw "B"	3252	+ 232	MorrSd	4270	-1236	Chest	5248	-1764
GW/Lan	3370	+ 114	" "	28		LTD	5275	-1791
Top	3468	+ 16	"	"4848-84	-1364	RTD	5275	-1791
Top	3486	- 2	"	"5046-52	-1562			

DST #1(Morr sd)4725-45, Op 60', R 95' SWCM, No ISIP, IFP 22#, FFP 44#, FSIP 1283#.
 DST #2 (Morr)4855-80, Op 1 hr, GTS/3', Ga 408,000, Cfgpd, 4'TSTM in 10', R 450' HOCM, IFP 265#, FFP 832#, FSIP 1446#/30'.
 DST #3(Morr)4945-90, Op 30', R. 5' M, IFP 46#, FFP 46#, FSIP 56#/30'.
 DST #4(Morr)5144-64, Op 1 hr, R 220' sli O&GCM, IFP 87#, FFP 128# FSIP 1226#/30'.
 DST #5(Keyes)5240-75, Op 1 hr, R 180' M + 820' SW, IFP 101#, FFP 521#, FSIP 1064#/20'. RTD 5275'. Lane Wells log, 4 1/2" @4970' w/140 Sx. CO 4927', 40/4870/80 (Morr) \$ 192 BO-NW/10 1/2 hrs. nat., Gr. 37.5°, Frac. (15,500A & Oil x 10,000# sd), \$ 1d, Flo 140 BNO/ 4 hrs. Flow 279 BNO-NW/8 hrs. Flow 839 BOPD-NW,GOR, 250-1, Gr. 37.5°, FCP 170#, Morr 4870-80-COMPLETED

*Cities Service Oil Co
 Geological Dept Liberal, Kansas*

LIBERAL ELECTRIC LOG TOPS

3484 KB

Topeka 3088 (+396)
Swanson "A" 3228 (+256)
Swanson "B" 3252 (+232)
Greenwood/Lansing 3370 (+114)
Heebner 3468 (+16)
Toronto 3486 (-2)
Marmaton 3932 (-448)
Morrow 4712 (-1228)
"S-1" 4720 (-1236) /8
"L" Sand 4848 (-1364) 33/36; ϕ Flow 839.4 BO (NW)/24 hrs.
"S-2" Sand 5046 (-1562) 2/6
"S-3" Sand 5136 (-1652) 15/44 T SOGCM
Keyes 5208 (-1724) 25/40 T XW
Chester 5248 (-1764)
TD 5275