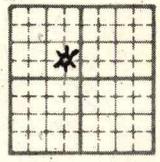


5-70W+ MAP NO. 826 SEC. 16-35S-41W
 STATE Kans COUNTY Morton LOC. C SE NW
 OPER. Cities Service Oil Co. FT/FR _____ LINE _____
 WELL #2 FARM Hayward "C" FT/FR _____ LINE _____
Wilburton, So. (Extension) ELEV. 3525 GR. 3534 DF 3536 KB _____
 CONT. Lohman-Johnson Tools GEOL. _____
 CO. INT. 5400' Gas Test
 F.R. 1/31/63 SPUD 1/31/63 COMP. 5/7/63
 TD. 5630 FM. Ste. Gen PBDT. 3325
 COMP. RECORD Topeka 3245-3284 128 2000 A & Frac
4 Point COF: 3,620,000 Cfgpd (SIP 367.8#)
8 5/8" @ 1559' w/150 sx 5 1/2" @ 5570' w/400 sx *Data Inc.*



(KB) Log

Top	3210	+ 326	Morr sd	5296-5317	-1760
Grnwd Lans	3502	+ 34	sd	5322-54	-1786
Hb	3608	- 72	Keyes	5360	-1824
Tor	3622	- 86	Chest	5502	-1966
Lans	3777	- 241	Ste Gen	5608	-2072
Marm	4024	- 488	LTD	N.A.	
Morr	4916	-1380	RTD	5630	--2094
Morr sd	4998-5038	-1462			

DST #1 (Top) 3180-3236, Op 1 hr, R 10' M, No ISIP, IFP 63#,

FFP 74#, FSIP 227#/20".

DST #2 (Top) 3225-3300, Op 1 hr, GTS/3", Ga 132,000 Cfgpd/5", Ga 686,000 Cfgpd/20" & Stab, R 120' GCM, IFP 173#, FFP 205# FSIP 446#/30".

Ø #1 (Top) 3320-45, R 23½' 1m, Gd Stn, Bleed Oil in last 2' + 1/2' sh.

Ø #2 (Top) 3345-60, R 15' 1m, Good Bleed Oil.

DST #3 (Top) 3324-60, Op 1 hr, GTS/23" TSTM, R 300' Oil, IFP 63#, FFP 96#, FSIP 468#/30".

Ø #3 (Top) 3360-3410, R 50' 1m, Bleed O&G.

DST #4 (Top) 3362-3410, Op 1 hr, R 120' VHO&GCM + 300' O&GCSW, No ISIP, IFP 85#, FFP 230#, FSIP 420#/30".

DST #5 (Morr) 4999-5020, Op 1 hr, R 2425' SW, No ISIP, IFP 151#, FFP 1211#, FSIP 1484#/25".

DST #6 (Morr) 5075-91, Op 1 hr, R 15' Sli OCM, No ISIP, IFP 38#, FFP 185#, FSIP 185#/30".

DST #7 (Morr) 5283-5310, Op 1 hr, R 90' Sli O&GCM, No ISIP, IFP 53#, FFP 74#, FSIP 249#/20".

DST #8 (Morr) 5323-50, Op 1 hr, 635' GIP, R 190' HO&GCM, ISIP 463#/20", IFP 55#, FFP 129#, FSIP 426#/20".

DST #9 (Keyes) 5366-5400, Op 1 hr, 190' GIP, R 90' HO&GCM +

180' HO&GCXW, ISIP 919/30, FP 96-140, FSIP 708/30:
 DST #10 (Keyes) 5403-50, op 1 hr, rec 180' GIP + 270' SO&GCM +
 540' XW, ISIP 1156/30, FP 131-307, FSIP 1051/30:
 RTD 5630, S_j log, 5½" @ 5570/400 sx, CO 5540, perf & block sq
 CO 5450, perf 64/5364-80 (Keyes), A/500 (15%), \$ 20½ BF (70%
 AW + XW)/3 hrs, \$ 3 BFPH (75% XW)/7 hrs, \$ 3 BFLPH (80% XW)/
 SQ/5364-80/125 sx, CO 5371, perf 24/5364-70 (Keyes), A/500
 (15%), \$ 3 BXWPH + tr oil/5 hrs, Sq/5364-70/125 sx, CO 5350,
 Perf 76/5325-44, 16/5306-10, 16/5298-5302 (Mor Sd), no show nat,
 A/500 (15%), \$ 6 BAWPH/4 hrs w/SSO, \$ 3 BXWPH/11 hrs, Sq/5298-5344/
 50 sx, perf 44/3366-77 (Top), \$ 7 BXWPH w/SSO/7 hrs, Sq/100 sx,
 CO 3366, perf 32/3350-58 (Top), A/250, \$ 3 BFPH/10 hrs, \$ 21 BO
 cut 2% water/11 hrs, frac/5000 gel oil x 3750# sd, \$ 1d, \$ 6 BO
 (NW)/6 hrs, PB 3330, perf 92/3245-68, 36/3275-84 (Top), gas/TSTM,
 A/1500 (15%), g 2,480 MCF + 1 BFLPH (50% oil)/11 hrs, A/500,
 g 1,720 MCF + mist wtr/12 hrs, CO 3366, Frac/5000 x 15,000 gel
 oil x sd/15,000# x 500 CF CO₂ per bbl, \$ part ld, set pkr @ 3317,
 g 2,500 MCF, \$ ½ BWPB + ½ BOPB thru tbg, \$ 1 BFPB/3 hrs,
 (50% oil + 50% Wtr), pull pkr, flo 1 BFPB, Kero, oil & Wtr, no BD,
 tbg w/pkr @ 3314, A/3000 in perfs 3350-58 (Top), flo 10 BO + 100
 BW/16 hrs, pull tbg, set pl @ 3325 PBTB, 1½" tbg @ 3244, 4pt Cal
 OF = 3,620 MCF, SIP 367.8#, Topeka 3245-84.

LIBERAL ELECTRIC LOG TOPS

3536 KB (2 3180 + 356)

Topeka 3210 (+326) \$ 3,620 MCF
 Greenwood Lansing 3502 (+34)
~~Heebner~~ Heebner 3608 (-72)
 Toronto 3622 (-86)
 Lansing 3777 (-241)
 Marmaton 4024 (-488)
 Morrow 4916 (-1380)
 "L" Sand 4998 (-1462) 40/40
 "S-3" 5296 (-1760) 11/21
 "S-3" 5322 (-1786) 26/32 \$ xw .50
 Keyes 5360 (-1824) 80/84
 Chester 5502 (-1966)
 Ste. Gen 5608 (-2072)
 TD5630