

Discovery Well
 2 P. Mo L Oil
 Lo Mo L gas

90222
 3444 KB

MAP NO. _____ ELEV. 3441 DF
 STATE Kans COUNTY Morton SEC. 28 Twp 34S Rge 41W
 OPERATOR Cities Service Oil Company LOC. C SE NW
 WELL NO. 21 FARM NAME Webb "A" Well # 1 "D" FT. FROM _____ LINE
 POOL Wilburton FT. FROM _____ LINE
 FR. 7-7-60 SPUD 7-11-60 COMP. 10/26/60

CONT./GEOL. Holm Drlg. Tools

COMPLETION RECORD
 NAME PRODUCING INTERVAL FROM - TO PERF. W/HOLES TREATMENT RECORD
L. Morrow 4930-48 72 3500A Frac

b _____ 75000deisel

c _____ 3000# sd

d U. Morrow 4884-4900 52 Natural

d I. P. OIL/DIST. WTR. COF GAS 5.000 M.C.F.P.D. _____ CHK. _____ HRS. 8

b " " " " " "

c " " " " " "

d Flwd 191BOPD Pkr @ 4920 Dual completion

SIP# 1250 FI TP # _____ FI CP# _____ SIBHP _____ D & A ()

GOR. _____ GR. 39.9 PBDT 4975 TD 5401

CASING - CEMENT RECORD
 SIZE DEPTH W/SAX. SIZE DEPTH W/SAX.
8-5/8" 1466 600 _____
5 1/2" 5000 200 _____

OPERATOR GSO WELL NO. 2 Webb "A" ELEV. 3441 DF

SAMPLE TOPS	DEPTH	SUB SEA	ELEC. TOPS	DEPTH	SUB SEA
Top	3075		Top	3074	
Heeb	3444		Heeb	3462	
Tor	3465		Lans	3624	
Lans	3600		Marm	3892	
Marm	3900		Morr	4716	
			Sd	4858-4901	
			Sd	4930-51	
			Sd	5140-90	
			Key	5238-66	
			Chest	5266	
			Ste. Gen.	5388	

DST 3078-3150 Op 1 hr, gas 5", 500 mcfg, 150' gcm, IFP 95#, FFP 95#, FBHP 460#/30"

DST # 2 4859-80, op 1 hr, gas 3", 362 Mcfg 4", TS, Est 4000' GCO, IFP 215#, FFP 750#, IBHP 1540#, FBHP 1470#/20"

DST # 3, 4931-50 Op 1 hr, gas 3", 849 Mcf/1 hr, 30' GCM, IFP 75# FFP 1590#, FBHP 1492#/20"

DST # 4, 5135-80, Op 1 hr, R 660' SW, IFP 55#, FFP 350#, FBHP 1255#/30" RTD 5401.

Up 606

RUCT, PBDT 4975, P/Morr/32/4930-38 SG 500 A (15%), g 648 MCF
 Rf (Morr) 40/4938-48, g 734 MCF 3000 A, g 714 MCF + GWPH/9 hrs
 g 714 MCF + $\frac{1}{2}$ GW per min from 4930-48, frac 75,000 G diesel
 + 3000# sd, g 714 MCF + 30 GWPH/9 hrs. g 3,430 MCF, frac/15 x 15
 g 5,400 MCF, COF 5,000 MCF, SIP 1250#, p/40/4890-
 4900. packer @ 4920, swbd 43.42 BO /1 3/4 hrs.
 p/12/4884-90, 2 1/2" tbg 4920 & 4847, dual completion, COF
 (L/Morrow 4930-48) 5,000 MCF, SIP 1250#, IP flo (U/Morrow
 4884-4900) 191 BOPD, G. 39.90.

LIBERAL ELECTRIC LOG TOPS

3444 KB

Topeka 3074 (+370)
 Heebner 3462 (-18)
 Toronto 3480 (-36)
 Lansing 3624 (-180)
 Marston 3892 (-448)
 Morrow 4716 (-1272)
 "1" Sand 4850 (-1414) 40/43
 "3" Sand 5140 (-1696) 0/16
 "5" Sand 5170 (-1726) 20/20
 Keyes 5238 (-1794) 22/28 NT
 Chester 5266 (-1822)
 St. Gen 5388 (-1944)

Up hole 4930-1482
 21-1 4 57A
 Tmfw

4750
 3443
 1307