

-65W + MAP NO. 82 SEC. 29-34S-41W
 STATE Kans COUNTY Morton LOC C SE SE

OPER. Cities Service Oil Co., Guymon, Okla. FT/FR _____ LINE _____

WELL #1 FARM Stewart "C" FT/FR _____ LINE _____

LOC Wilburton ELEV 3441 GR 3449 DP 3451 KB _____

INT. Holm Drlg. Tools GEOL. Vernon Howell

CO. INT. 5200' Test

F.R. 1/2/64 SPUD 1/2/64 COMP. 3/3/64

TD. 5170 FM. Mrw PBTD. 4890

COMPLETION RECORD	PROD. INTERVAL & TREATMENT	PRODUCING FM.	FROM	TO	PERF. W/HOLES	TREATMENT
		U/Mrw	4744-62			32
L/Mrw	4870-78			32	Nat	

DUAL COMPLETION

Data Inc.

U/Mrw Ga 4,000,000 Cfgpd, SIP 1234#

L/Mrw Flo 583 BOPD, NW thru 5/8" ck

SIZE	DEPTH	SAX	SIZE	DEPTH	SAX
8-5/8" @	1439 w/650				
5 1/2" @	5112 w/200 sx.				

OPER. Cities Service Oil Co. SEC. 29-34S-41W

WELL #1 Stewart "C" ELEV 3451 KB LOC C SE SE

Welex Log Tops:

Top	3046 + 405	Mrw	4658 -1207	B/Mrw sd	4926 -1475
Hb	3420 + 31	Mrw sd	4742 -1291	Mrw sd	5118 -1667
Tor	3438 + 13	B/Mrw sd	4760 -1309	B/Mrw sd	5132 -1681
Lans	3576 - 125	Mrw sd	4792 -1341	Mrw sd	5138 -1687
Marm	3858 - 407	B/Mrw sd	4880 -1429	B/Mrw sd	5160 -1709
		Mrw sd	4900 -1449	LTD not available	

DST #1 (Mrw) 4747-77, Op 1 hr., GTS/immed., Ga 1,000,000 Cfgpd/2' Ga 5,000,000 Cfgpd/45" & 60", R 180' Mdy oil, IFP 806#, FFP 1099#, FSIP 1422#/30"

DST #2 (Mrw) 4797-4817, Op 15", GTS/1 1/2", Ga 7,000,000 Cfgpd/12", R 10' Gas & Dist cut mud, No ISIP, IFP 1441#, FFP 1470#, FSIP 1509#/30"

DST #3 (Mrw) 4850-90, Op 18", GTS/3", TSTM, OTS/15", R 1900' oil, 480' GC muddy oil, IFP 745#, FFP 844#, FSIP 1430#/30"

DST #4 (Mrw) 4902-32, Op 1 hr., GTS/17", TSTM, R 210' oil, 60' GC muddy oil, IFP 35#, FFP 60#, FSIP 933#/30"

RTD 5170, 5 1/2" @ 5112 w/200 sx., CO 4976, 36/4911-20, 24/4902-08 (Mrw), \$ 70 GO + 34 GW/7 hrs, 1000A (15%) \$ 15 BO + 10 BAW/3 hrs

§ 48 BO (NW)/8 hrs, frac 72 BO x 15,000 gal gel oil x 7,500# sd,
§ 514 Bld, § 4 BO (NW)/4 hrs, PB 4890', Perf 32/4870-78 (Mor),
Flow 87 BO/7 hrs, (NW), 1/2" ck, FCP 70#, Flo 583 BO (NW)/24 hrs,
5/8" ck, FCP 60#, GOR 800:1, G. 40.1°, Pkr @ 4775, Perf 32/4744-62
(Mor, A/1000 (15%), § 37 BO / 13 GAW, g 240 MCF/5 hrs, § 60 GO
(NW), g 1,750 MCF/6 hrs, A/1000 (7 1/2%), g 11,800 MCF w/spray
oil/12 hrs, frac/10000 x sd/5000, g 3,960 MCF / ld/9 hrs, SIP
1300#, g 3,840 MCF/11 hrs, A/2000 (7 1/2%), g 3,840 MCF w/spray oil/
33 hrs, g 3,680 MCF
w/mixt of oil/56 hrs, tbg into Pkr @ 4775, Flow 583 BO (NW)/24 hrs.
5/8" ck, GOR 800:1, G. 40.1°, Morrow 4870-78; 4 pt COF g 4,000 MCF,
SIP 1234#, Morrow 4744-62, (Zone 4902-20 shut off), DUAL COMPLETION
2/25/64.

LIBERAL ELECTRIC LOG TOPS

3451 KB

Topeka 3046 (405)
Shawnee "A" 3190 (261)
Shawnee "B" 3206 (245)
Greenwood/Lansing 3338 (113)
Heebner 3420 (31)
Toronto 3438 (13)
Lansing 3576 (-125)
Marmaton 3858 (-407)
Morrow 4658 (-1207)
Upper "L" 4742 (-1291) 18/18; Ø COF 4,000 MCF
Upper "L" 4792 (-1341) 68/88; Ø Flow 583 BOPD
Upper Lower "L" 4900 (-1449) 20/26
"S₃" Sand 5118 (-1667) 7/14
"S₃" Sand 5138 (-1687) 16/22
TD 5170