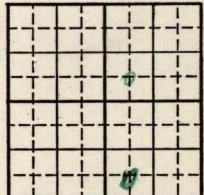


A-5-113 *K-83*

MAP NO. _____ ELEV. 2978 DF
 STATE Kansas COUNTY Stevens SEC. 1 Twp 31 S Rge 35 W
 OPERATOR Socony Mobil - Wichita, Kansas LOC. C SW SE
 WELL NO. 1 FARM NAME Cutter FT. FROM _____ LINE _____
 HOLE WILDCAT (PD 7200) FT. FROM _____ LINE _____
 FR. 12-13-60 SPUD. 12-17-60 COMP. 4-29-61

CONT./GEOL. R. W. Rine Drilling tools



COMPLETION RECORD			
NAME PRODUCING INTERVAL	FROM - TO	PERF. W/HOLES	TREATMENT RECORD
<u>Morrow</u>	<u>5312-15</u>	<u>8</u>	<u>None</u>
b			
c			
d			

d I. P. OIL/DIST. F/71.4 BOPD WTR. _____ GAS 1,448 M.C.F.P.D. _____ CHK. 3/8" HRS. 24
 b " " " " " "
 c " " " " " "
 d

SIP# _____ FI TP # 735 FI CP# 910 SIBHP _____
 D & A ()
 GOR. 20,280 GR. 41.8° PBTD 5345 TD 6978

CASING - CEMENT RECORD			
SIZE	DEPTH	W/SAX.	SIZE
<u>8-5/8"</u>	<u>1736</u>	<u>864</u>	
<u>5 1/2"</u>	<u>6700</u>	<u>500</u>	

OPERATOR Socony Mobil WELL NO. 1 Cutter ELEV. 2978 DF

SAMPLE TOPS	DEPTH	SUB SEA	ELEC. TOPS	DEPTH	SUB SEA
Dakota	500		Wellington	2222	
Permian	596		Chase	2568	
Stone Corral	1706		Winfield	2635	
Wellington	2199		Council Grove	2852	
Chase	2565		Admire	3100	
Winfield	2633		Wabaunsee	3229	
Council Grove	2856		Shawnee	3588	
Admire	3106		Heebner	4014	
Wabaunsee	3228		Lansing	4096	
Shawnee	3575		Kansas City	4366	
Heebner	3989		Marmaton	4733	
Toronto	4003		Cherokee	4934	
Lansing	4045		Morrow	5262	
Kansas City	4425		Chester	5454	
Marmaton	4658		Ste. Genevieve	5606	
Cherokee	4843		St. Louis	5665	
Morrow	5200?		Spergen	5855	
Chester	5455		Warsaw	6052	
Ste. Genevieve	5603		Osage	6174	
St. Louis	5623		Kinderhook	6376	

A-5-113

SHEET NO. 2 MAP NO. _____
 STATE Kansas COUNTY Stevens sec. 1 Twp 31 S Rge 35 W
 OPERATOR Socony Mobil loc. C SW SE
 WELL NO. 1 FARM NAME Cutter

Sample tops (cont'd) Electric tops (cont'd)

Spergen	5856	Viola	6548
Warsaw	6174?	Simpson	6710
Osage	6277?	Arbuckle	6754
Kinderhook	6441		
Simpson	6713		
Arbuckle	6759		

Spud 12-17-60. 8-5/8" @ 1736 w/864 sx.

DST # 1 (Toro-Lans) 4029-4120, op 65 mins, GTS 23 mins, ga 108
 MCF/NT, rec 175' GCM, ISIP 1145/NT, FP 30-55, FSIP 1145/45
 mins.

DST # 2 (Lans) 4173-94, op 1 hr, rec 120' M/NS, ISIP 1116/45
 mins, FP 85-85, FSIP 1060/45 mins.

DST # 3 (KC) 4451-4500, op 1 hr, wk blo, rec 130' O&GCM + 90'
 SO&GCM, ISIP 1350/45 mins, FP 55-155, FSIP 1125/45 mins.

OPERATOR Socony Mobil WELL NO. 1 Cutter

DST # 4 (Morr) 5178-5207, op 25 mins, GTS 3 mins, ga 1420 MCF,
 ga 3500 MCF/15 mins, rec 1' cond, ISIP 1510/45 mins, FP
 1310-1390, FSIP 1510/45 mins.

DST # 5 (Morr) 5282-5302, op 40 mins, GTS 3 mins, ga 7000 MCF/
 spray oil/NT, rec 5' oil/tr wtr, ISIP 1605/45 mins, FP 1500-
 1535, FSIP 1595/45 mins.

DST # 6 (Morr) 5300-13, op 15 mins, GTS 3 mins, OTS 9 mins, rev
 out, rec 720' oil + 5' SW, ISIP 1470/45 mins, FP 1335-1345,
 FSIP 1470/45 mins.

CORE # 1 5313-31, rec 18' - 3½' quartzite w/SSO coarse, gd poro
 gd oil odor; 14½' lm st, gry to brn, xln, interbedded w/sh,
 bldg carbon poros, med oil stn, gd odor, fr cut & fluor.

DST # 7 (Chest) 5441-65, op 1 hr, rec 5' M, ISIP 75/45 mins, FP
 35-35, FSIP 35/45 mins.

DST # 8 (Chest) 5562-90, op 1 hr, rec 150' O&GCM, ISIP 1425/45
 mins, FP 60-70, FSIP 1145/45 mins.

DST # 9 (Chest) 5588-5605, op 1 hr, rec 50' O&GCM, ISIP 1530/45
 mins, FP 40-40, FSIP 1435/45 mins.

@ 5849, ran logs to 5849.

A-5-113

SHEET NO. 3
STATE Kansas COUNTY Stevens SEC. 1 Twp 31 S Rge 35 W
MAP NO. _____
OPERATOR Socony Mobil LOC. C SW SE
WELL NO. 1 FARM NAME Cutter

WLT # 1 (St L) @ 5692, op 80 mins, rec 2800 cc FtW w/sptd oil fluor, ISIP 1810/20 mins, FSIP 1780/25 mins.
WLT # 2 (Marm) @ 4776, op 1 hr, rec 0.32 CFG + 3800 cc FtW, ISIP 1490/10 mins, FSIP 1490/20 mins.
WLT # 3 (Marm) 4762, op 1 hr, rec 6375 cc FtW/NS, ISIP 1490/20 mins, FSIP 1490/30 mins, HSH 2510. LC @ 5957, reg.
RTD 6978, logs to 6978.
WLT # 4 (Viola) @ 6648, op 1 hr, rec 610 cc wtr (30% FmW)/slt sptd fluor, ISIP 1880/50 mins, FSIP 50/15 mins, HSH 3250.
WLT # 5 (Viola) @ 6628, op 1 hr, rec 100 cc wtr (6% FmW), ISIP 2100/50 mins, FSIP 80/20 mins, HSH 3230.
WLT # 6 (Viola) @ 6558, op 1 hr, rec 100 cc Wtr (7% FmW), ISIP 0/20 mins, FSIP 0/15 mins.
WLT # 7 (War) @ 6123, op 30 mins, no recovery, SIP 0/15 mins, HSH 3030.
5½" @ 6700 w/705 sx. MICT. CO to 6661.

OPERATOR Socony Mobil WELL NO. 1 Cutter

P/62/6605-36. 500 Ac, flushed w/26 BW. Swb 1d/SSG. Ac job channeled. SQ 6605-36 w/100 sx. CO to 6661.
Re-P/62/6605-36. Swb 235 BSW. SQ 6605-36 w/100 sx. CO to 6558.
P/St L/20/5689-99. Tbg & pkr @ 5647. Swb dry. 250 MA. Swb 1d, swb 7 BFPH (50% oil). 1000 Ac. Swb 1d. Swb 2½ BFPH (5% oil). Frac 10,000 oil X 10,000 sd. Flush w/126 BW. Flod 50 BL/2 hrs, died. Swb 188 BL + 10 BNO/PD. Swb 13 BL + 10 BO/3 hrs, did not rec all 1d. Set BP @ 5630.
P/Chest/32/5584-5600. 500 MA. Flush w/134 BW. Swb 1d. Swb dry/2 hrs. Frac 20,000 oil X 20,000 sd. Swb 131 BL + 33 BNO/17 hrs, gty 39°. Swb 3½ BO + 2½ BLPH/2 hrs. Swb 7 BO + 19 BL/5 hrs.
P/Chest/(Abrosajet) @ 5597, @ 5596½, @ 5587, @ 5586½. Used 3150 gal 5% gel Ac & 3150# sd on each cut. Swb 126 BL/8 hrs Swb 88 BNO + 147 BL/21 hrs. Swb & flod 93 BNO + 26 BL/9 hrs Swb 181 BO + 86 BL/20 hrs (gas est 20 MCF). Swb 14 BO + 7 BLPH. Swb 144 BO + 146 BL/10 hrs. Swb 14 BO + 4 BL (last hour), gty 41.7°. Swb 132 BO + 26 BL/16 hrs, gas est 80 MCF, gty 40.8°. Swb 136 BO + 22 BLW/15 hrs. Swb 8 BO + 2

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SHEET NO. 4 MAP NO. _____
STATE Kansas COUNTY Stevens SEC. 1 Twp 31 S Rge 35 W
OPERATOR Socony Mobil LOC. C SW SE
WELL NO. 1 FARM NAME Cutter

BL/1 hr, gty 39.4°.

P/Morr/12/5312-15. Pkr @ 5565. Flod 56 BO/16 hrs, 13/64" ck, gas vol, 270 MCF, FCP 925, GOR 2750.

From 5584-5600 swb & flod 120 BO + 61 BLPD, 18/64" ck, FTP 475, gty 31.7°.

From 5312-15 flod 80 BO + 13 BLPD, gas 410 MCF, 13/64" ck, FTP 880, GOR 5100, gty 41.7°.

From 5584-5600 flod 123 BO + 12 BL + 11 BSWPD, gas vol 800 MCF, 17/64" ck, FTP 650, GOR 6500, gty 39.1°.

From 5312-15 flod 61 BO w/686 MCFPD, 13/64" ck, FTP 950, GOR 11,246, gty 41.9°.

From Chester (5584-5600) flod 53 BLO + 47 BNO + 40 BSW/9 hrs (spray oil, last hour), 1/2" - 3/4" ck, FTP 300 dec to 3#/9 hrs. & died.

From Morrow (5312-15) flod 62 BL + 45 BNO/9 hrs, 14/64" ck, FTP 920 (flod 4 BO last hour) w/554 MCF, GOR 5770, 9 hr SICP 0.

OPERATOR Socony Mobil WELL NO. 1 Cutter

Had Morrow and Chest communication. SQ 5312-15 w/150 sx. CO to 5630.

From 5584-5600. Swb 3½ BFPH (80% SW + 20% oil). Swb 31 BF/10 hrs (96% SW). SQ 5584-5600 w/100 sx. CO to 5608.

P/4/5606-07. SQ 5606-07 w/50 sx. CO to 5602.

P/Abras jet @ 5590 & 5588. Frac 6300 gal SW X 6300 sd. Rec 1d + 1 BSW. Bld 60 gal SW w/tr oil. 500 Ac. Flush w/136 BO. Swb 47 BL/2 hrs. Flod 53 BL/90 mins. Set tbg w/pkr @ 5489. Swb 8 BL/1 hr. Frac (5588-90) w/10,000 crude oil X 8500 sd. Swb 52 BL + 8 BSWPD/NS. PB to 5345.

Re-P/8/5313-15 flod 60 BNO w/899 MCF/24 hrs, 15/64 ck, FTP 1000, FCP 1215, GOR 12,486, gty 40.2°. Flod 19 BO w/899 MCF/6 hrs 15/64" ck, FTP 1005, GOR 11,829. Flod 34 BO w/1047 MCF/17 hrs, 14/64" ck, FTP 1010, FCP 1205, GOR 21,813. Flod 53½ BO w/1422 MCF/16½ hrs, 17/64" ck, FTP 870, FCP 1075, GOR 18,563. Flod 70 BO w/1540 MCF/24hrs 17/64ck FTP 850, FCP 1045, GOR 21,937. Flod 48 BO w/986 MCF/7, 12/64" ck, FTP 1165, FCP 1205, GOR 23,146. Flod 62 BO w/1440 MCF/24hrs, 1/2" ck, FTP 920, FCP 1075, gty 41.7°, GOR 23,225. Flod 71 BO w/1491 MCF/24hrs 18/64ck FTP 820, FCP 990, GOR 21,000, gty

41.9°. flod 25 BO /1688 MCF/9 hrs, 20/64" ck, FTP 755,
FCP 945, flod 46 BO/15 hrs, 3/8" ck, FTP 675, FCP 890, GOR
23,964. fold 74 BO/1645 MCF/24 hrs, 3/8" ck, FTP 670, FCP 885,
gty 41.5°, GOR 22,290. flod 40 BO w/1322 MCF/16 hrs, 18/64"
ck, FTP 850, FCP 1000, GOR 21,977. flod 24 BO w/1456 MCF/8
hrs, 22/64" ck, FTP 695, FCP 875, gty 41.7°, GOR 20,055.

IP (State Test) f 71.4 BO (no wtr) w/1448 MCF/24 hrs, 3/8"
ck, FTP 735, FCP 910, gty 41.8°, GOR 20,280 from Morrow
5313-15. Allowable 66 BOPD. Jayhawk Pipeline will run oil.

LIBERAL TOPS

2981 KB

Winfield 2634 (+347)

C. G. 2862 (+119)

Heebner 4014 (-1033)

Toronto 4032 (-1051)

Lansing 4134 (-1153)

Marmaton 4734 (-1753)

Morrow 5263 (-2282)

"S₁" 5284 (-2303) 34/34 *\$ 71 BOPD*

Chester 5462 (-2481)

Sand 5578 (-2597) 28/28 *\$136 BOP + LW/15*

St. Gen 5608 (-2627)

St. Louis 5664 (-2683) *\$ 10 BOP + 13 BOP/3*

TD 6978