MAP NO. _____ 3-14-61 ELEV. 3013KB 3010DF

STATE Kansas COUNTY Haskell SEC. 3 Twp 29 S Rge 34 W

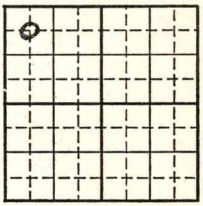
OPERATOR Cities Service Pet & United Producing Co. LOC. C NW NW

WELL NO. 1 FARM NAME Moody "A" _____ FT. FROM _____ LINE

OL. Eubank _____ FT. FROM _____ LINE

FR. 9-20-60 SPUD 9-16-60 COMP. 3-10-61

CONT./GEOL. Holm Drilling Company tools



COMPLETION RECORD

| | NAME PRODUCING INTERVAL | FROM — TO | PERF. W/HOLES | TREATMENT RECORD |
|---|---|---|---|---|
| a | Marmaton | 4678-4805 | 112 | 750 MA - 8500A |
| b | Chester | 5470-80 | 40 | Nat |
| c | | | | |
| d | | | | |

| | I. P. OIL/DIST. | WTR. | GAS | M.C.F.P.D. | CHK. | HRS. |
|---|---|---|---|---|---|---|
| a | F/617 BOPD | 1%BS&W | 2,060 | | | 24 |
| b | F/495 BOPD | " | " | " | " | 24 |
| c | " | " | " | " | " | " |
| d | | | | | | |

D & A ( )

SIP# _____ FI TP # 560 (b) FI CP# 500 (a) SIBHP _____

GOR 33,400 (a) GR. 35°(a):38.4° (b) PBTD 5517 TD 5553

CASING - CEMENT RECORD

| SIZE | DEPTH | W/SAX. | SIZE | DEPTH | W/SAX. |
|---|---|---|---|---|---|
| 8-5/8" | 1833 | 950 | | | |
| 5½" | 5552 | 225 | | | |

OPERATOR CSPC & United Prod. WELL NO. 1 Moody "A" ELEV. 3013 KB

| SAMPLE TOPS | DEPTH | SUB SEA | ELEC. TOPS | DEPTH | SUB SEA |
|---|---|---|---|---|---|
| | | | Heebner | 3970 | |
| | | | Toronto | 3996 | |
| | | | Lansing | 4070 | |
| | | | Marmaton | 4642 | |
| | | | Marmaton Pay | 4666 | |
| | | | Morrow | 5132 | |
| | | | Morrow Sand | 5260-70 | |
| | | | Chester Sand | 5360-90 | |
| | | | Chester Sand | 5394-5490 | |
| | | | St Louis | 5490 | |

DST # 1 (Toro) 3998-4038, op 3½ mins, SSG/TSTM, rec 110' GCM, IFP 0, FFP 30, FBHP 1025/20 mins.

DST # 2 (Lans) 4076-4100, op 1 hr, GTS 1 min, ga 2065 MCF/15 mins, ga 3780 MCF/60 mins, rec 5' GCM, ISIP 1030/30 mins, IFP 519, FFP 717, FSIP 1030/30 mins.

DST # 3 (Lans) 4502-30, op 1 hr, rec 210' GCM + 35' GCSW, IFP 0, FFP 62, FSIP 1158/30 mins.

DST # 4 (Marm) 4672-90, op 1 hr, GTS 1 min, ga 537 MCF/10 mins, dec to 500 MCF/60 mins, rec 400' oil + 20' HO&GCM, IFP 155,

685979

SHEET NO. 2 MAP NO.

STATE Kansas COUNTY Haskell SEC. 3 Twp 29 S Rge 34 W

OPERATOR CSPC & United Producing LOC. C NW NW

WELL NO. 1 FARM NAME Moody "A"

FFP 178, FSIP 1362/20 mins.

DST # 5 (Morr) 5260-5310, op 1 hr, rec 40' SO&GCM, ISIP 515/20 mins, IFP 10, FFP 40, FSIP 345/20 mins.

DST # 6 (Morr) 5376-90, op 1 hr, GTS 7 mins, ga 445 MCF/10 min, ga 675 MCF/15 mins, ga 1270 MCF/60 mins, rec 90' GCMSW, ISIP 1460/30 mins, IFP 105, FFP 260, FSIP 1535/30 mins.

DST # 7 (Chest) 5411-58, op 45 mins, GTS 7 mins, ga 44 MCF/10 mins, TSTM/15 mins, flod oil/25 mins, rec 935' oil + 90' O&GCMW (not salty), IFP 169, FFP 612, FSIP 990/25 mins.

RTD 5549, Elogs to 5553. 5½" @ 5552 w/225 sx. CO to 5524.

P/40/5470-80, 2500' OIH/NT, flod 205 BO/12 hrs, flod 213 BO/14 hrs, gty 38° (corr). Set BP @ 4820.

P/8/4804-06, ga 362 MCF/14 hrs + 2 GWPH. 250 A. Rec ld, ga 2830 MCF/7 hrs. SI 3 hrs. SIP 1040. SQ 4804-06 w/50 sx. CO to 4812.

P/24/4678-84, ga 196 MCF + 5 GWPH/14 hrs. 250 MA. Rec ld, ga

OPERATOR CSPC & United Prod. Co. WELL NO. 1 Moody "A"

750 MCF + 20 BO/13½ hrs, ga 1120 MCF + 36.7 BO/17 hrs. 2000 Ac. Rec ld, ga 4355 MCF + 47.5 BO/7 hrs, gty 35° (corr), SI, SIP 1180, flod 56.8 BO/24 hrs, GOR 69,542:1. Drove BP to 5521 PBD. Set 1½" tbg @ 4661 & 2" tbg @ 5465 w/pkr @ 5400. Flod 48.35 BOPD fr Chester (5470-80). Flod 38.41 BO/21 hrs. Flod 48.05 BO/20 hrs. Flod 16.51 BO + 817 MCF/24 hrs from Marmaton (4678-84). SI 3 weeks. Set retreivable plug @ 5400.

P/16/4684-88. Ga 888 MCF w/heavy spray of emulsion, flush w/ 10,000 gel diesel oil, rec ld, ga 802 MCF + 5 BO/17 hrs. Kill well.

P/16/4770-74, 36/4781-90, 20/4803-05. Plug @ 4795. Set 2" tbg w/pkr @ 4767. 250 MA + 250-15% A. Pull tbg & pkr, re-set plug @ 4812. Set 2" tbg w/pkr @ 4800. 250 MA + 250-15% A in perfs 4803-05. Pull tbg & pkr. CO to 5400. Rec ld. Flod 7.51 BO + 1450 MCF from Marm (4678-4805). Trt 4678-4805 w/6000 Ac, rec ld. Flod 127 BO + 2530 MCF, FCP 440. CO to 5517 PBTD. 2" tbg @ 5465 w/pkr @ 5400. Flod 40 BO + 10 BW, 2190 MCF/6 hrs from 4678-4805 thru csg. Flod 13.37 BO/NW/4 hrs. 5470-80 thru tbg. Flod 113 BO + 3310 MCF/9 hrs from Marm (4678-4805) thru csg, FCP 240. From 5470-80

swb 19 BO/6 hrs thru tbg. KO & flod 494 BO + 1½% BS&W/22 hrs. Kill well. Set 2 1/16" tbg w/pkr @ 5400, 1½" tbg @ 4662. Swb (Chest) thru 2 1/16" tbg. KO & fold 108 BO/7 hrs. Flod 64 BO + 3½ BW + 1,020 MCF/24 hrs from Marm 4678-4805.

IP from Marmaton 4678-4805 flod 61.7 BO + 1% BS&W + gas vol 2,060 MCF/24 hrs, gty 35°, GOR 33,400:1, FCP 500#.

IP from Chester 5470-80 flod 495 BOPD/NW, gty 38.4°, FTP 560#.

LIBERAL TOPS

3012 KB
Heebner 3970 (-966)
Toronto 3996 (-984)
Lansing 4070 (-1058)
Marmaton 4642(-1630)
Marmaton Pay 4666 (-1656)
Morrow 5132 (-2120)
"$S_3$" Sand 5260 (-2248) 5/10
Chester Sand 5364 (-2352) 20/26
Chester Sand 5394 (-2382) 94/96
St. Louis 5490 (-2478)
TD 5549

D ≠ 4488-1476 T.GC+W