

A-8-13

MAP NO. _____

2746 KB

ELEV. 2742 DF, 2734 GL

STATE Kansas COUNTY Seward SEC. 26Twp 33S Rge 31WOPERATOR Panhandle Devel. Co.-Liberal, Kans.LOC. C NW NEWELL NO. 4 FARM NAME Frederick

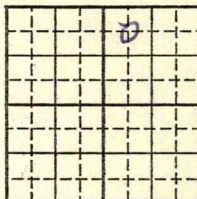
FT. FROM _____ LINE

VOL. Kismet (PD 6000)

FT. FROM _____ LINE

FR. 4-7-61 SPUD 4-10-61 COMP. 7-25-61CONT./GEOL. Company Tools

NAME PRODUCING INTERVAL		COMPLETION RECORD	PERF. W/HOLES	TREATMENT RECORD
FROM - TO				
<u>Kansas City</u>	<u>4472-74</u>	<u>12</u>	<u>1,000 Ac</u>	
<u>Mississippian</u>	<u>5835-61</u>	<u>72</u>	<u>500 Ac</u>	



d	I. P. OH/DIST.	F/139 BOPD	WTR. 5%	GAS	M.C.F.P.D.	CHK.	HRS.
b	"	<u>f/823 BOPD</u>	"	"	"	"	<u>1 1/2</u> " 24
c	"	"	"	"	"	"	"
d	"	"	"	"	"	"	"

SIP# _____ FI TP # _____ FI CP# _____ SIBHP _____

GOR. _____ GR. 40.2(a):38.7(b) BTBD 5861 TD 5900

SIZE	DEPTH	W/SAX.	SIZE	DEPTH	W/SAX.
<u>8-5/8"</u>	<u>1246</u>	<u>650</u>			
<u>5-1/2"</u>	<u>5895</u>	<u>250</u>			

OPERATOR Panhandle Devel. Co. WELL NO. #4 Frederick ELEV. 2746 KB

SAMPLE TOPS	DEPTH	SUB SEA	ELEC. TOPS	DEPTH	SUB SEA
			Council Grove	3050	
			Heebner	4241	
			Toronto	4281	
			Kansas City	4400	
			Marmaton	5031	
			Cherokee	5105	
			Morrow	5506	
			Ste Genevieve	5614	

Spud 4-10-61. 8-5/8" @ 1246 w/650 sx.

DST #1 (Kansas City) 4869-4905, op 90 mins, GTS 2 mins, Ga 952 MCF/70 mins, Rc 90' HG&OCM / 270' HGC Oil / 90' HG&OCSW, ISIP 1490/30 mins, FP 183-195, FSIP 1440/30 mins.

RTD 5900, logs. 5-1/2" @ 5895 w/250 sx. MICT. CO to 5861.

P/72/5835-61, Swb 17 BOPH/NT, 500 MA, Swb 34 BOPH. Set BP @ 5810.

P/24/4870-76, 500 Ac, Ga 250 MCF / 3/4 BOPH. 2" tbg @ 4841. SQ 4870-76 w/112 sk. CO to 5810.

P/28/4885-92, 500 Ac.

Re-P/12/4889-92, 500 Ac, Flod 5 1/2 BFPH (40% Wtr)/9 hrs. SQ 4885-92 w/40 sx. CO to 4892.

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SHEET NO. 2STATE Kansas COUNTY Seward SEC. 26MAP NO. Twp 33S Rge 31WOPERATOR Panhandle Devel. Co.-Liberal C NW NEWELL NO. 4 FARM NAME Frederick

Re-P/12/4882-85, tbg & pkr @ 4878, 500 Ac, Viso SQ 4882-85 w/150 sx. Swb 2 BOPH, 500 Ac. Swb 32 BO / 32 BW/8 hrs. Viso SQ 4882-85 w/150 sx. 500 Ac, flush w/1000 GO, 250 Ac. Swb 1-1/3 BFPH (60% Wtr) w/750 MCF. Viso SQ 4882-85 w/50 sx. CO to 5810.

P/20/4473-78, Set BP @ 4525. Swb 4 BFPH (5% Wtr), CO to 4915, Swb 4 BFPH w/SSG. SQ 4870-92 w/110 sx. CO to 4845, Set BP @ 4521. Trt 4473-78/500 Ac. Swb 204 BF (45% Wtr) /6 hrs. SQ 4473-78 w/78 sx. CO to 4521.

P/20/4471-75, 500 Ac. 2" tbg w/pkr @ 4460. Swb 40 BF (5% Oil / 95% Wtr). SQ 4471-75 w/50 sx. CO to 4521.

Re-P/12/4472-74, 500 Ac, Swb 35 BF (95% Wtr). Swb 20 BF (60% Oil / 40% Wtr). Trt 4472-74 w/500 Ac. Swb 32 BF (50% Wtr)/NT. Swb 18 BF (15% Wtr)/NT. CO to 5870.

Ran Dual 1-1/2" tbg. Upper Casing @ 4457 (pkr @ 4453).

Lower Casing @ 5813 (pkr @ 5810).

IP Flod 823 BOPD, $\frac{1}{2}$ " ck, Gty 38.7° from Mississippian (5835-61).

OPERATOR Panhandle Devel. Co.-Liberal WELL NO. 4 Frederick

IP Flod 139 BO / 5% Wtr/24 hrs, Gty 40.2° @ 60°F. From Kansas City (4472-74).

DUAL COMPLETION.

COMPLETE 7-25-61.

LIBERAL TOPS

2746 KB

Winfield 2708 (+38)
Council Grove 2990 (-244)
Heebner 4264 (-1518)
Toronto 4282 (-1535)
Lansing 4400 (-1654) flo 139 BOPD + 5% wtr ϕ
Marmaton 5031 (-2285)
Morrow 5506 (-2760)
No Sand - Operator
Chester 5576 (-2830)
Ste. Gen 5613 (-2867)
St. Louis 5724 (-2928) flo 823 BO/24 hrs ϕ
TD 5900