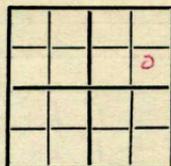


State Kansas Field Wildcat
 Company Helmerich & Payne County Haskell
 Farm USA "F" No. 1
 Sec. 15 Twp. 27S Range 34W
 Spot C SE NE
 Contractor Co. Tools 5250' St. Lo
 Remarks CSO & Columbian Fuel DHM



Comm. 1/30/60 Comp. 5/18/60
 Elev. DF 2985 GL KB 2986 TD 5240 PBO 5110.3
 Dual Pay Mar 4981.86 P.58 BOPD route gr 320
Miss 5088-5101 P.42 BOPD +61% route gr 33.30
 I.P. Press.
 Casing Record: 13 3/8 7"
 20" 10 3/4 5 1/2" 5190/125
 16" 8 5/8 821/450

MIRT C&O Log Datum

FEB 3	30 Log #3074	Hb	3906	-920
FEB 10	DST 4025-40 p/ln	Top	3918	-932
	nc 90' of gg med sulf wtr	Lan	3951	-965
	+180' med sulf + xw	Mrm	4551	-1565
	+270' sulf wtr. ISIP 1085/ln	Mar	4960	-1974
	FP 50-250 FSP 1065/ln.	ls	4980	-1994
	Hb 3904, Top 3917		87	7'
	Lan 3944 B/KC 4531	ss	5628	-2042
	Mrm 4550 chro 4693		33	
	#4789	st.L.	5086	-2100
FEB 17	E#1 5096-5146 re 50'	H+P		
	1/2' chert, orange-brn	Top	3464	
	1/2' ls, gy, fn xln dns, w/ocat	Hb	3902	
	lam of grn sh.	Top	3919	
	3' ls, wh-gy, med oil in	Lan	3962	
	fn xln matrix, sli foss,	B/KC	4531	
	fract. fr par in part	Mrm	4551	
	scat stn, bldg oil.	Chro	4697	
	1' ls, wh-gy, fn oil in	H+P	4403	
	fn xln matrix sli foss,	Mar	4459	
	poor por. scat stn.	ls	4980	
	w/ some ltgy, fn xln,		87	
	sli oil ls.	ss	5029	

(over)

st.L 5087

613994

- 4' Ls Itgy, fn oöl in fn xln matrix, sli glauc, scat otn, fract.
- 14' Ls gy, fn oöl in fn xln matrix, oliglauc, w/ scat lam of grn sh.
- 2' Ls Itgy, fn xln, sli oöl, v sdy (med grnd gtz, sub ang - sub rnd) oliglauc.
- 1' Ls gy, fn oöl in fn xln matrix
- 1' Ls fn xln, sli oöl, v sdy (med-cr grnd gtz, sub ang) sli glauc.
- 23' Ls, gy, fn oöl in fn xln matrix, tr glauc.

E # 2 5146-88 acc 42' total

- 12' Ls, gy, fn oöl in fn xln matrix, tr glauc.
- 2' Ls, gy, med oöl in fn-med xln matrix tr glauc.
- 7' Ls gy, fn oöl in fn xln matrix, tr glauc.
- 2' Ls gy-tan, med-cr xln, v sli oöl, fass
- 1 1/2' Ls gs ab sli oöl
- 1/2' Chert, orange-red sh brn
- 2' Ls wh-gy, med oöl in fn xln matrix fss
- 5' Ls gy, fn oöl in fn xln matrix, tr glauc.
- 4' Ls gy, fn xln dns, sli oöl, tr glauc.
- 1' Ls gy, fn xln, dns, lithographic, foss
- 2' Ls gy, med xln, dns fagg
- 1' Ls gy v fn xln dns, lithographic
- 2' Ls gy, fn-med xln, dns, sli foss

RTD 5240 log.

DST 3954-68 sp 1/m. acc 330' surf wth
15IP 892/30" FP 111-155
FSIP 935/30

DST 3923-33 sp 1/m. acc 1800' wth mud.
15IP 980/30 FP 112-533 FSIP 645/30
wg. WOC.

FEB 2 4 CO P52/5088-5101 st Ls
 sub N5. A/1000 (15%) sub
 180Pth no wth. Fx 20 (7 1/2 Hc) x 20
 sub 280 B LD/10 hrs. sub 188 BF
 (168 BNO + 20 BLD) @ 4500' ss wth. ST

MAR 2 sub 56 BO + 101 BW / 10 hrs.
 sub 122 BO + 74 BW / 12 hrs.
 bet pl 5020 P20/4981-86

sub 45 GOPH no wtr A/1000
 sub 126 BND fm 3200' north
 sub 190 BND fm 3500' north/6km.
 pull pl @ 5020 set pl @ 2860
 P 8/ 2838-40 sq / 250 sx WOC.

MAR 9 f.cem pull pl @ 5020
 CO 5110? ran T+P @ 5075
 WOT

MAR 16 fm 5088-5101 in Miss
 sub tst 168 BO north / 5 km.
 to tst Mor.

MAR 23 MAR 30 APR 6
 2" Tg thru ph @ 5075
 1 1/4 " @ 4969
 WOT

APR 13 P 50 BO no wtr / 24 km fm Mor (4981-86)
 P 75 BO + 15 BW / 24 km fm Miss
 WOT

APR 20 APR 27 MAY 4 MAY 11
 Mor Lm sub 35 BOPH / 4 km @ 3000'
 producing 68 BOPD

Miss P 70 BOPD + 40-50% wtr
 (pump capacity)

MAY 18 Miss 1P P 42 BOPD + 61% wtr
 gv 33.30
 5088-5101

Mor Lm. 1P P 58 BOPD no wtr gv 320
 4981-86

613994

AMARILLO TOPS

2986 KB

Winfield 2607 (+379)

Heebner 3906 (-920)

Toronto 3918 (-932) Tst'd XW

Lansing 3951 (-965) Tst'd wtr

Marmaton 4551 (-1565)

Morrow 4960 (-1974) T 126', 6' ss

Im 4978 (-1992) T 10', IPP 58 BOPD

"S₃" 5028 (-2042) 6/6, NT

St. Louis "A" 5086 (-2100) IPP 42 BOPD + 61% wtr

"B" 5170 (-2184)

"C" 5202 (-2216)