SE SE NW

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RESUME

OPERATOR:	Petro-Pak Corporation
WELL NAME & NUMBER:	Steeples #1
LOCATION:	SE SE NW, Sec 23, T9S,R20W
AREA:	Bad Bear Propect
COUNTY:	Rooks
STATE:	Kansas
ELEVATION:	2202'GL. 2207'KB
ENGINEER:	Dean Sharpe
GEOLOGIST:	William VanDevelder
SPUD DATE:	January 26,1981
COMPLETION DATE:	Plugged February 2, 1981
HOLE SIZE:	7 7/8"
CASING:	8 5/8"@ 285'
CEMENTING:	Sun
CONTRACTOR:	Abercrombie #8
EQUIPMENT:	Beth S-50
TOOL PUSHER:	Wimp Dreiling
DRILLERS:	Harold Newell, Russell Hearting, Russell Grecian
PUMP:	G-D FXQ 5 3/4"X 16"
DRILL COLLARS:	7 1/4"
DRILLING PIPE:	4 1/2"
DRILLING MUD:	Drispac
MUD TYPE:	Starch
MUD ENGINEER:	J.T. DUNN
DRILL STEM TESTS:	Company
	Cheney/Wayne Towns
ELECTRIC LOGS:	Petro Log
	Radiation Guard 1600'-1750' & 3000'-3842'
	Borehole Compensated Sonic 2950'-3842'
ENGINEER:	Porter

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RESUME (cont'd)

TOTAL DEPTH:	3841' Driller: 3842' Logger
BOTTOM FORMATION:	Arbuckle
WELL STATUS:	Plugged

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SUMMARY AND CONCLUSIONS

The Steeples #1 was spudded on January 26, 1981. The objective horizons were the Lansing and Arbuckle formations. Sample cuttings were collected from 3200 feet to TD at 10 foot intervals. Geologic interpretation proceeded at 3300 feet.

The top of the Lansing appeared 33 feet below prognosis and the tip of the Arbuckle was 86 feet below prognosis. The top of the Lansing conforms well with the subsurface structure map of the Lansing. This suggests that the location may have proved most fruitful at SW NE NW, Sec. 23. The greater depth for the top the Arbuckle was the result of a thickening of the Conglomerates. A DST was performed from 3481'-3528', at the top of the Lansing. The zone tested is known to be a large producer in the area. No shows or porosity was observed in the sample cuttings. However, a one minute/foot drilling break for one foot was observed at 3501'.

Minor shows of oil were observed near the base of the Kansas City. No testing was performed with these shows since the permeability appeared neglegible.

Very good porosity was observed 3723 feet. Again testing was not recommended since the hydrocarbons were only of an asphalt and tar nature. Absolutely no shows were observed in the Arbuckle. In view of the poor shows throughout the well, and the extremely low tops, plugging the hole was my best recommendation for this well.

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FORMATION TOPS

Surface Elevation = 2202 ' G.L. 2207' K.B.

FORMATION	DEPTH FROM SURFACE	SUB SEA
Anhydrite	1670′	+537′
Topeka	3216′	-1009′
Heebner	3423′	-1216′
Toronto	3450′	-1243′
Lansing	3465′	-1258′
Base Kansas City	3684′	-1477′
Conglomerate	3731′	-1524′
Arbuckle	3783′	-1576′
TD	3842′	-1635′

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DST #1

Interval: 3481' - 3508'

Date: January 31, 1981

Formation: Lansing "C"

Company: Cheney Testing

Tester: Dan Bangle

Field Description:

	Time	Blow Description	Pressure
IHP			1954
IO	10 minutes	3 1/2" fair blow on opening	87-54
ISI	90		1093
FO	60	Weak steady blow	98-54
FSI	90		1028
FHP			1942

Samples Recovered - 30' of mud

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DAILY DRILLING CHRONOLOGY

DATE	ACCUM FOOTAGE	RIG ACTIVITY
01/26/81	Surface	7:30 pm spud hole
01/27/81	290'	8:00 am cement surface pipe
01/28/81	1718'	5:00 am bit trip, geolograph out
01/29/81	-	8:00 am mud up
01/30/81	3326'	4:00 pm trip for DST #1
01/31/81	3508'	DST #1, 6:00 am drilling
02/01/81	3717'	Controlled drilling to TD
02/02/81	3841'	Run logs and plug hole

BIT RECORD K. G. S. LIBRARY

NO.	MAKE	TYPE	SIZE	IN	OUT	FOOTAGE	HOURS
1.	HTC	OSC	12 1/4"	SFC	285'	285'	
2.	STC	DTJ	7 7/8"	285'	2027'	1740'	9 3/4
3.	STC	F3	7 7/8"	2027'	3508'	1768'	33 1/2
4.	SEC	S86F	7 7/8"	3508'	3841'	333'	21 1/4

MUD RECORD

DATE	DEPTH	WT	F. VIS	P. VIS	YIELD	GEL STRNT.	pH	FILTR.	CK	CHLO	CUM COST
1/28/81	2125′	H_2O -----									
1/30/81	3495′	9.8	42	12	15	10/19	6.6	8.8	2	24,000	$2247.
1/31/81	3595′	9.8	46	16	19	18/27	6.4	7.8	2	22,000	$2314.
2/01/81	3790′	10.0	47	14	19	14/26	6.8	8.8	2	21,000	$2583.

U.S. GEOLOGICAL SURVEY

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DRILLING FUNCTIONS

DEPTH	W.O.B.	R.P.M.	P.P.
210′	All	100	800
1616′	All	90	900
2027′	36K	65	850
2270′	35K	65	850
3100′	35K	60	850
3275′	40K	50	900
3422′	40K	60	900
3508′	38K	60	950
3698′	40K	55	900
3728′	40K	60	900

DEPTH	DEVIATION
34′	1/2°
290′	C
1000′	1/4°
2160′	1/2°
2831′	1/4°

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PENETRATION RATE/TIME REPORT

DATE	RIG ACTIVITY	FOOTAGE 24 HOURS	ACCUM. FOOTAGE
1/26/81	Rig up & spud hole	290′	290′
1/27/81	Cement sfc pipe & drill	1428′	1718′
1/28/81	Trip & drill, geolograph down	-	-
1/29/81	Mud up	-	3326′
1/30/81	Rig service & trip for DST #1	182′	3508′
1/31/81	DST #1 & drill	209′	3717′
2/01/81	Controlled drilling to TD	124′	3841′
2/02/81	Run logs & plug hole	0′	3841′

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LITHOLOGY

3280′ - 3423′ Ls: crm - wh, occ lt brn, fri & chky - sl hd & mic xln, mic suc / abnt intbd Sh: vcol, pred dk gy, frm - brit, blky - fis, occ gy cht & root beer dol at base.

3423′ - 3432′ Sh: blk, frm, fis, carb, underlain by dol ls: lt brn hd, dns.

3432′ - 3465′ Sh: redbrn, frm, blky / occ intbd ls: gy, hd dns, mic xln, sl ool.

3465′ - 3636′ Ls: wh - crm, occ lt gy - lt brn, fri & chky - hd & mic xln, occ sl vug, intbd / tr cht: wh - pale orng, rr ool & crin.

3636′ - 3684′ Ls: crm - lt brn, hd, dns, occ dol, crp xln - mic xln, f scat p-p to vug por, o fl, no perm intbd / Sh: red orng, grdg to cly.

3684′ - 3731′ Sh: red - red orng, gy, gn, frm, blky, occ grdg to cly intbd / ls: crm, hd, f-m xln, occ slabby, tr p-p por, asph.

3731′-3783′ Sh: redbrn, occ gn & turq, rr yel & purp, frm, blky - sb fis / abnt cht: orng - wh & dk gy, occ ool.

3783′ - 3841′ Dol: lmy, crm, occ pale gn, v hd, dns - vug, no stn / occ cht: wh - orng, clr - op, ool.