

20-8-20 Wk



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FEB 13 1985

George T. Olds
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State Geological Survey
WICHITA BRANCH

GEOLOGICAL REPORT

BEACON EXPLORATION # 1-20 PRATT
NE SW NE Sec. 20, T. 8 S.- R. 26 W.
Sheridan Co., Kansas

Elev: 2467 KB
2462 GL (L&S)
Surf. Csg.: 8 5/8" 20#
8 rd @ 218' w/ 200 sx
60-40 Poz, 3% CaCl, did
circ.

Spud: 11-21-84
P & A: 11-29-84

All Measurements Used in This Report Are Electric Log Measurements

FORMATION TOPS:

Stone Corral Anhydrite	2102 (+ 365)
Base "	2136 (+ 331)
Topeka Ls.	3394 (- 927)
Heebner Sh.	3606 (-1139)
Toronto Ls.	3629 (-1162)
Lansing Ls.	3642 (-1175)
Base Kansas City Gr.	3863 (-1396)
Marmaton Gr.	3892 (-1425)
Pawnee Ls.	4006 (-1539)
Ft. Scott Ls.	4068 (-1601)
Miss. Osage	4185 (-1718)
Miss. Gilmore City	4214 (-1747)
Viola Cherty Dolo.	4286 (-1819)
Arbuckle Dolo.	4367 (-1900)
TD	4413

COMPARED TO:

Pratt #2-20 Pratt 720' NE	9' low
	8' low
	7' low
	13' low
	14' low
	9' low
	14' low
Godsey #1 Pfeifer 1 1/4 mi. W.	5' low
	8' low
	9' low
	12' low
	1' high
Imperial #1 Twell 2 mi. NE	35' high
	52' high

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ZONES OF POROSITY/OIL SHOWS

<u>Zone</u>	<u>Ø</u>	<u>S_w</u>	<u>Samples</u>	<u>Remarks</u>
Topeka 3394-3606	0-20%	56-100%	No Shows.	
Lansing 3646-49	9-14	65-83	Gd. vug. Ø, N.S.	"A" Zone. Wet. Tstd wtr @ NE offset 9' higher.
3677-84	3-8	81-100	P. vug. Ø, trc. tarry blk. oil, abd. blk. residue, no stn., odor or flor.	"B" Zone. Tstd. by DST # 1.
3694-98	3-5	100	P-f. vug. Ø, sho blk. oil, tar & blk. residue	"C" Zone. Tstd. by DST # 1.

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20-8-26w
1-20 Pratt 01

3728-30 5% 100% V. p. edge \emptyset , SFO, "G" Zone. Tstd.
scat. lt. stn. by DST # 1.

DRILLSTEM TEST # 1: 3665-3752; Rec. 550' muddy water/75".
ISIP=1206#/45" FSIP=1175#/90"
IFP=95-158#/15" FFP=101-254#/60"
Hydros=1884-1859# BHT=117 $^{\circ}$
Sampler Rec: 400 ml mud, 1600 ml water @ 120#.
R_w=0.10 @ 61.5 $^{\circ}$ Cl=80,000 ppm.

3800-3857 0-5 81-100 No Shows, no "I, J, K &
vis. \emptyset . L" Zones. Tstd.
by DST # 2.

DRILLSTEM TEST # 2: 3795-3857; Rec. 10' mud/40".
ISIP=1146#/45" FSIP=1076#/60".
IFP=50-60#/15" FFP=60-60#/30".
Hydros=2058-1967# BHT=107 $^{\circ}$
Sampler Rec: 2000 cc mud @ 25#.

Miss Osage					
4185-4214	4-15	96-100	Frsh. chert, gd.	Wet.	
			\emptyset , N.S.		
Viola					
4286-4301	9-22	62-100	Cherty Dolo., f.	Wet.	
			\emptyset , N.S.		
4301-67	6-24	66-100	Dolo., gd. \emptyset , N.S.	Wet	
Arbuckle					
4367-4413	5-10	49-87	Dolo., v. gd. \emptyset ,	Wet.	
			N.S.		

REMARKS:

All possible productive zones having been condemned by DST's, sample analysis and electric log calculations, the # 1-20 Pratt was plugged Nov. 29, 1984.

Respectfully,

George T. Olds
George T. Olds
Wellsite Geologist

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