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12-30-25W

15-025-20625

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SPINES EXPLORATION

#1 Rogers

1205 FSL, 330 FEL, SE 1/4

Sec 12, Twensp 30s, Rng 25w

CLARK COUNTY, KANSAS

RECEIVED
STATE CORPORATION COMMISSIC

FEB 17 1983

CONSERVATION DIVISION
Wichita, Kansas

MAR 3 1984

State Geological Survey
WICHITA BRANCH

PI

12-30-25W

WELL HISTORY

OPERATOR	Spines Exploration
WELL	#1 Rogers
LOCATION	1205' FSL, 330' FEL, SE 1/4, 12-30s-25w
CONTRACTOR	Eagle Drilling
TOOL PUSHER	Butch Steinert
GEOLOGIST	Robert W. Smith
ELEVATION	GL 2544 KB 2557
SPUD	12 Nov 82
SURFACE CASING	691' of 8 5/8"
COMMENCED	13 Nov 82
BIT SIZE	7 7/8"
COMPLETED	21 Nov 82
RTD/LTD	5380/5376
MUD	Magcobar, Poly Pac
GAS DETECTOR	Gould Logging
TESTING	Halliburton
LOGGING	Dresser Atlas
SAMPLES	KGS Well Sample Library
STATUS	Ran 5 1/2" production casing

CHRONOLOGICAL HISTORY

Date	7:00 A.M. Depth	Activity
12 Nov	0	Rig up, spud, survey at 650'-1/4°
13	1170	Set surface, WOC, survey at 1208'-1°
14	1915	Bit trip at 2040', survey - 1/2°
15	2845	
16	3585	Work on mud pump
17	4200	Work on mud pump
18	4630	
19	5045	Short trip, lost and regained circulation, survey - 3/4°, start DST #1
20	5295	Finish DST #1
21	5350	TD @ 5380', complete 1st log, hole bridged @ 743', short trip and circulate at 943', hole bridged @ 933', short trip and circulate at 1452', hole bridged at 1332', trip to bottom and circulate.
22	TD	Complete 2nd and 3rd log

PI

12-30s-25W
1 Rodger

FORMATION TOPS

	E-Log	Samples
Topeka	3902(-1345)	3912(-1355)
Heebner	4353(-1796)	4358(-1801)
Lansing	4482(-1925)	4490(-1933)
KC	4579(-2022)	4583(-2026)
Marmaton	5012(-2455)	5014(-2457)
Pawnee	5092(-2535)	5095(-2538)
Fort Scott	5116(-2559)	5120(-2563)
Cherokee	5135(-2578)	5139(-2582)
Morrow Sand	5276(-2719)	5279(-2722)
Mississippi	5288(-2731)	5289(-2732)

DST RESULTS

#1 Morrow Sand, 5268-5295, 45-90-90-180

IHP 2549 FHP 2491 BHT 110°

IFP 39-39 Fair blow increasing to strong blow, off bottom of bucket in 10 minutes

ISIP 1656

FFP 20-39 Strong blow, off bottom of bucket immediately, gas to surface in 32 minutes guaged as follows:

in 32 minutes - GTS

plus 10 minutes - 6.39 MCF/day (1/8" choke)

"	15	"	-	7.70	" / "	"	"
"	20	"	-	9.45	" / "	"	"
"	25	"	-	53.20	" / "	(3/8" choke)	"
"	30	"	-	44.20	" / "	"	"
"	35	"	-	"	" / "	"	"
"	40	"	-	"	" / "	"	"
"	45	"	-	"	" / "	"	"
"	50	"	-	"	" / "	"	"
"	55	"	-	"	" / "	"	"
"	60	"	-	"	" / "	"	"

FSIP 1656

Recovery: 30' mud; chlorides - 16,000, Rw - .23 @ 70°,

PH - 7.0, SpGr -1.0182

PI

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1 Rodger

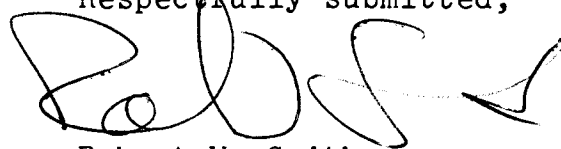
GEOLOGICAL COMMENTS

During drilling operations the following show was noted:

@ 5280' (approx) in the Morrow Sand, which in the samples is a white to tan, light gray, fine grained, moderately well sorted, soft, moderately friable to friable, subangular to rounded sandstone with poor intergranular porosity and gilsonite, there was a poor show of free oil with good fluorescence and a fair to good streaming cut. This show was accompanied by a 13 unit gas kick on the chromatograph and a 9 unit gas kick on the hot wire.
(See DST #1)

Following log evaluation and due to favorable structural position and DST results which indicate some potential for commercial gas production, it is recommended that 5 1/2" production pipe be set on the #1 Rogers test well.

Respectfully submitted,



Robert W. Smith
Geologist