

Dubois and Johnson

Consulting Geologists

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November 8, 1985

GEOLOGIC REPORT S & V Oil Incorporated #3 Goetz SE NE SE 30-8S-22E Leavenworth County, Kansas

Daily Progress:

11-4 Moved on, rigged up, set 46' of 7" surface casing
11-5 Drilled out beneath surface, drilling
11-6 Bit trip at 1114', rig broken 1215' at 10:30 a.m.
11-7 Resumed drilling at 1:06 a.m., TD 1303 6:00 a.m., ran open hole logs, set 4
1/2" production casing

Service Companies:

Contractor: Van Drilling Company
Cementing: Consolidated Oil Well Services
Logging: Log-Tech

Formation Tops (E-Log):

	S & V #3 Goetz SE NE SE 30-8S-22E <u>883 GL</u>	Structural Relation to	
		S & V #2 Goetz SE SE SE <u>30-8S-22E</u>	S & V #1 Goetz NE SE SW <u>30-8S-22E</u>
Lansing	146 (+736)	-13	
Base Kansas City	466 (+417)	-4	+10
Cherokee	714 (+169)	-2	+16
Coal Marker	1106 (-223)	-30	-4
Upper McLouth	1204 (-321)	abs	abs
Lower McLouth	1222 (-339)	abs	abs
Upper Burgess	1248 (-365)	-17	+2
Lower Burgess	1262 (-379)	-19	-4
Mississippi St. Louis	1268 (-385)	-14	+4
Spergen	1280 (-397)	-12	+7
LTD	1302 (-419)		
RTD	1303 (-420)		

Hydrocarbon Shows (E-Log Depth):

- 1222-1232 Lower McLouth Sandstone
Sandstone, light gray, fine grained, well sorted, sub rounded, quartzose, good porosity, show of free gassy oil, fair odor, circulated oil onto pit. 20-23% porosity, 25-30 ohms resistivity, 30-40% water saturation, probable commercial oil zone.
- 1262-1268 Burgess Sandstone
Sandstone, light gray, fine to medium grained, sub rounded, moderately sorted, fair to good porosity, slight show of oil, good odor, 20-24% porosity, 180 ohms guard resistivity, 60% water saturation, probably non commercial gas zone.

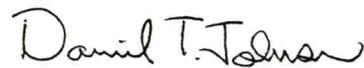
Summary:

It was recommended that production casing be set to further test oil shows in the Lower McLouth sandstone. Recommended perforation interval is 1324 to 1330.

A slight show of oil reported in the Lower Burgess (1262-1268) is most likely non commercial. The structural position -379 is at or below the oil/water contact as evidenced by other wells in the area.

If the Lower McLouth is found to be non commercial, consideration should be given to converting the captioned well to a disposal well in the thick Bartlesville Sandstone from 1016 to 1092. This anomalously thick sand exhibits excellent reservoir qualities and should readily take fluids.

Respectfully submitted,



Daniel T. Johnson

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