

Completion Report
Kewanee Oil Company
No. 1 Wasinger "A"
Scott County, Kansas

Shallow Water Prospect KN-212

Lease No. South Offset to U-6720

Recommendations

Further recommendations will be made following production test of the above captioned test.

General

Location: C NW NW, Sec. 12-Twp. 29S-Rge. 33W, Scott County, Kansas
Elevation: 2958' K.B. (datum)
Commenced: 12-2-59
Completed:
Total Depth: Rotary 4740(-1782); Welex 4742(-1784)
Results: Oil Well
Initial Potential:
Pay Zone: Lower Pennsylvanian
Number Feet of Pay: 8'(feet)
Casing Record: 8 5/8" @ 372' w/270 sx.
5 1/2" @ 4686.5 w/100 sx. posmix
Perforations: 4618-23' w/4 shots per foot
Treatment: 250 gal. mca
Tested: (1) Approximately 3.5 B.O.P.H. (swab) natural
(2) Approximately 3.0 B.O.P.H. (swab) after acid
(3) 13 Hour fill-up 1400' of oil
(4) 12 Hour fill-up 1250' of oil

Geological Data

Welex Tops (corrected to Welex measurements)

Heebner	3814(- 856)	Marmaton	4316(-1358)
Lansing	3860(- 902)	Cherokee	4433(-1475)
Base Kansas City	4290(-1332)	Mississippian	4632(-1674)
		Total Depth	4742(-1784)

Cores

None

Drill Stem Tests

DST #1	Krider(dolomite)	2633-50	Open 45 min., weak blow immed., died. Recovered 15' mud.
		ISIP	737#/30"
		FSIP	358#/30"
		IFP	105#
		FFP	189#
		Hydro	1333#
DST #2	Winfield	2692-2707	Open 1 hour. Recovered 95' mud.
		ISIP	590#/30"
		FSIP	211#/30"
		IFP	62#
		FFP	62#
		Hydro	1355#
DST #3		4335-52	Open 1 hour. Recovered 10' mud.
		ISIP	42#/30"
		FSIP	0#/30"
		IFP	0#
		FFP	0#
		Hydro	2133#
DST #4		4620-31	Open 1 hour. Recovered 310' gassy oil, 360' HO&GCM. No wtr.
		ISIP	1182#/30"
		FSIP	1053#/30"
		IFP	24#
		FFP	232#
		Hydro	2137#

General Geologic Information

Drilling from an elevation of 2958' K.B., the primary objective (Mississippian) was encountered at a depth of 4632' (-1674). This datum was low, however, to the adjacent (Shallow Water) producing area.

In drilling through the lower Pennsylvanian sediments, a basal sand development was discovered, carrying a good show of oil. The sand was drilled and found to be some 10' in thickness; here, a drill stem test was run.

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General Geologic Information (continued)

With the results of this drill stem test suggesting commercial oil, pipe was set and perforated, opening sand to production.

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DHA/jm

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