28-16-11W

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Mark Dobrinski Oil
Box 147
Lorraine, Kansas

Re: Arensman #1
SW-NW-NW Sec.28-16-11W
Barton County, Kansas

1985 Kansas Geological Survey

Dear Sirs:

The following report is a compilation of drill time, sample analysis and electric log, of the above-captioned well. Samples examined from 2300' to total depth. Well supervised from 2920' to total depth. Samples delivered to Mark Dobrinski Oil.

CONTRACTOR: Mohawk Drilling, Inc. Rig #7
COMMENCED: 09/26/85
COMPLETED: 09/30/85.
CEMENTING: Halliburton Oilwell Cementing Co.
MUD: Davis Mud Co. Starch-gel.
DRILL STEM TESTS: Drill Stem Testers Inc. One Test.
ELECTRIC SURVEYS: WIRE-TECH Gamma-Neutron-Guard-Caliper.
CASING RECORD:
Surface: 8 5/8ths x 23# @ 797'/350sx 50/50 poz.
Production: None. D&A.

FORMATION TOPS
(Electric Log)

Elevation: 1934 K.B. All measure kelly bushing.
1924 G.L.

Formation	Depth	Sub-sea Datum
Anhydrite	786	(+1148)
Topeka	2686	(- 752)
Heebner	2976	(-1042)
Toronto	2994	(-1060)
Douglas	3005	(-1071)
Douglas sand	3028	(-1094)
Brown Lime	3073	(-1139)
Lansing	3093	(-1159)
B.K.C.	3334	(-1400)
Conglomerate	3359	(-1422)
Arbuckle	3383	(-1449)
R.T.D.	3421	(-1487)
L.T.D.	3422	(-1488)

STATE CORPORATION COMMISSION
NOV

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ZONES OF INTEREST

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TARKIO Sands	No shows noted in sample examination.
TOPEKA	
2911-2912	Ls., lt. gray, fine xln., trace oolitic-oocastic porosity. Sparse show free oil, no odor. Did not warrant DST.
TORONTO	
2996-2999	Ls., white, soft, chalky. No show or odor.
DOUGLAS Sand	
3024-3034	Sand, lt. gray, broken, very fine grained, micaceous. No show or odor.
LANSING	
3094-3096	Ls., buff-white, oolitic-oocastic porosity, spotty show free oil with faint "tight" odor. Did not warrant D.S.T.
3121-3126	Ls., buff to lt. gray, fine to medium oolitic-oocastic porosity, slightly chalky. Sparse scattered stain with faint odor. Did not warrant D.S.T.
3157-3158	Ls., brown, oolitic with trace fine vuggy porosity. Rare show free oil, no odor. Did not warrant D.S.T.
3188-3198	Ls., lt. tan, coarse oocastic porosity. No show or odor.
3206-3209	Ls., white, soft chalky. No show or odor.
3236-3237	Ls., white, soft, chalky, sl. fossiliferous. No show.
3256-3259	Ls., white, soft, chalky. No show or odor.
CONGLOMERATE	
3356-3383	Shales, predominately soft red with some green to putty color shale above the Arbuckle. Zone of white, fresh oolitic chert. No sand development. No show or odor.

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ZONES OF INTEREST

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ARBUCKLE

3383-3387	Dolo., white, xln. with very faint odor. No visible oil show. Included in DST #1.
3387-3390	Dolo., white to buff, xln. with slight vuggy porosity. Good show lt. brown free oil and good odor. See DST #1.
3390-3393	Dolo., white, xln. with fair to good vuggy porosity. Good show oil, good odor. See DST #1.

DRILL STEM TEST #1; 3352-3391

Open: 60 min. (30-30-30-30)
Recover: 270' muddy salt water.
30" ISIP: 852 psi. 30" FSIP: 808 psi.
Temp. 122*.

3393-3398	Dolo., white, xln. with scattered porosity. Scattered show free oil, fair odor. Considerable barren porosity. Did not warrant DST.
3398-3403	Dolo., white to buff, xln. with scattered porosity and stain as above. Increase in barren porosity.
3403-3418	Dolo., white to buff, sl. sandy with scattered quartzite grains. Rare scattered show.
3418-3421	Dolo., buff, sl. sandy, good vuggy porosity, fair spotty stain, some asphaltic stain, with faint odor. Did not warrant D.S.T.

RECOMMENDATION

This test well is structurally low to nearby abandoned producing wells. Water was recovered in DST of the Arbuckle.

No other zones are recommended for testing.

Recommendation was made for abandonment after Arbuckle penetration of thirty -nine feet.

Respectfully submitted,

Richard M. Foley

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