

IMPERIAL OIL AND CHEMICAL COMPANY, INC.
Well Completion Report

Johnson Lease. Well No. "B" 1 401W
 Loc. C N $\frac{1}{2}$ NW SE Sec. 6 Twp. 10S Rge. 23W
 County Graham State Kansas
 Pool _____

Spud Date 12-8-57
 Rotary Completed 12-18-57
 Completion Date 1-7-58
 Potential 199 R.P.S. - 11.2
 Gravity
 R. T. D. 3995

Surface casing set at (8 5/8) 217 with 150 sacks
 Production casing set at (5 1/2) 3995 with 100 sacks

Formation Tops: 2140 RB
 Elevation: _____

Formation	Sample	Electric Log
Anhydrite	2047 (+393)	
Heebner	3744 (-1304)	3746 (-1306)
Toronto	3768 (-1328)	3769 (-1329)
Lansing	3783 (-1343)	3786 (-1346)

PRODUCING AND PROSPECTIVE PRODUCING ZONES

Formation	Depth	Feet	Remarks	Estimated Reserves
Lansing				25,000
160' Z	3940-44	4	Perf. 3939-43	

No other zones worthy of testing.

<p>Completion Date: 12-27-57</p> <p>Moved in Franks unit #2. Rigged up.</p> <p>12-28-57</p> <p>Drilled staging collar. Had 400' fillup of Kem-pac.</p> <p>12-29-57</p> <p>Loaded hole with water. Pressured up 1500#. Could not pump out. Ran 2150' of tubing; circulated out Kem-pac. Pressured up to 1000# could not pump out. Pulled tubing; swabbed hole down to 1200'. Started filling up with Kem-pac.</p> <p>12-30-57</p> <p>Loaded hole with wtr. and pumped through staging collar at 1100# pressure, 1/2 bbl. per min., pressure increasing. Perforated 3 hole at 2070. Opened braden head and pumped test plug to 2070. Kem-pac circulated out braden head, no pressure during circulation. Cemented down casing with 50 sacks regular cement. Displaced 35 sacks at 0# pressure then closed braden head and displaced remaining 15 sacks at 0# pressure. Top of plug 2040. Let set 48 hrs.</p>	<p>1-1-58</p> <p>Swabbed hole down. Started drilling out cement Water broke in.</p> <p>1-2-58</p> <p>Finished drilling cement. Doc squeezed with 75 sacks. Let well set 24 hrs.</p> <p>1-3-58</p> <p>Swabbed hole down. Drilled out cement. Water broke back in. Squeezed with 50 sacks quick set cement. Squeezing pressure 1200#. Let set 6 hrs.</p> <p>1-4-58</p> <p>Drilled out cement. Swabbed hole down.</p> <p>1-5-58</p> <p>Logged well to TD 3968. Perforated 160' zone 3939-43 with 32 Jets. Ran bailer, recovered very gassy oil 150' fillup. At the end of 5 hr. test well making 3.36 BOPH - natural - no wtr. Ran tubing with Brad Oil Tool packer set at 3924. Acidized with 500 gal. reg. Highest pressure 500# 1/3 bbl. per min. 5 min. pressure drop 300#. Pulled tubing and removed packer. Swabbed load back + 48 wtr.</p>
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