

FARM *Cleo Johnson* WELL No. *10* LOCATION *SW NE SE* SEC. *13* TWP. *24S* RANGE *11W* COUNTY *Stafford* STATE *Kansas* ELEV. (D.F.) *1797'*
 TYPE CELLAR *Board* DIMENSIONS *8' x 8' x 8'* DRILLING CONTRACTOR *J.E. Mabce* DRILLING COMMENCED *1-1-39* DRILLING COMPLETED *1-24-39*
 SURFACE HOLE - DIA. *14"* DEPTH *239'* HOLE REDUCED TO *9"* DIA. - DEPTH *3806'* HOLE REDUCED TO *6 1/2"* DIA. - DEPTH HOLE REDUCED TO DIA. - DEPTH
 WELL DRILLED THRU PRODUCING FORMATIONS WITH *6 1/2"* DIA. HOLE. METHOD OF COMPLETION - (PRESSURE OR STANDARD ROTARY) *Cable Tools*
 IF STANDARD ROTARY REPORT FULLY ON CHARACTER OF DRILLING MUD
 WELL COMPLETED TO (DEPTH) (DATE) WITH ROTARY TOOLS DEEPENED TO (DEPTH) DATE WITH TOOLS
 ORIGINAL TOTAL DEPTH *3814'* DEEPENED TO *3811'* DATE (DATE) DEEPENED TO *4015 P.D.F.* DATE *9-9-39* REMARKS *Deepened to 4273' P.D.F.*

CASING RECORD

CEMENTING RECORD

SIZE	WEIGHT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	REMARKS	NO. SACKS	BRAND	TYPE	AD MIXTURES	SETTING TIME BEFORE DRILLING	REMARKS (WAS CEMENT CIRCULATED?)
<i>12-39 8 1/2"</i>	<i>10 1/2"</i>	<i>45"</i>	<i>10</i>	<i>2nd hand S.S.</i>	<i>2287'</i>	<i>Bottom H. Ball</i>	<i>250</i>	<i>Incor</i>	<i>Quickset</i>	<i>None</i>	<i>40 hrs.</i>	<i>Yes, Plug to 226' D.F.</i>
<i>1-20-39 12 1/2"</i>	<i>7" O.D.</i>	<i>22"</i>	<i>10</i>	<i>4d. S.S.</i>	<i>3295'</i>	<i>Float & Shoe</i>	<i>160</i>	<i>Inc.</i>	<i>Quickset</i>	<i>None</i>	<i>72 hrs.</i>	<i>No, Plug to 3771' D.F.</i>
<i>9-9-39 11 1/2"</i>	<i>5 1/2" O.D.</i>	<i>17"</i>	<i>8 Rd</i>	<i>4d. S.S. spacers</i>	<i>313' 4"</i>	<i>Halliburton 4 1/2" Guide</i>	<i>40 & 20</i>	<i>20-OR Lightning</i>	<i>Quickset</i>	<i>None</i>		<i>to 3997' P.D.F. ✓</i>

TUBING RECORD

DATE RUN	SIZE	WEIGHT	AMOUNT	ANCHOR (SIZE, LENGTH, PERFORATIONS)	POSITION (FT. OFF BOTTOM)	TUBING CATCHERS	CLOSING TOOLS OR CHOKES	G.S. TUBING HEAD	CHRISTMAS TREE
<i>12-1-39</i>	<i>2 1/2" E.H.</i>	<i>6.5"</i>	<i>3693'</i>	<i>End closed perf with 21-3/4" holes</i>	<i>119'</i>	<i>None</i>	<i>Atlas Larkin Sealing Nipple</i>	<i>10 1/2" x 2" Hinderliter</i>	<i>7 1/2" x 13" Gray Keratist 900 Series</i>
<i>Lowered 12-1-39</i>	<i>2 1/2" E.H.</i>	<i>6.5"</i>	<i>3698' 6"</i>		<i>10' 6"</i>		<i>top of bottom H.</i>	<i>Type H.J.</i>	<i>E.H. M. # 737</i>
<i>12-1-39 3-8' pup</i>	<i>2-27-40</i>	<i>✓</i>	<i>4258' (O.A.)</i>	<i>10 ft. below packer</i>					<i>Hinderliter Tubing Head</i>
									<i>Series # 4516 2-27-40 Tree 8 1/2" x 7 1/2"</i>

PACKERS

PLUG BACK RECORD

SHOOTING-ACID TREATMENT

DATE SET	SET AT	SIZE	TYPE	MAKE	DATE PULLED	DATE	KIND OF PLUG	DEPTH PLUGGED FROM TO	DATE	QTS. OR GALS.	TAMPING OR LOAD	TIME ACID SET	PRODUCTION - 24 HOURS BEFORE - AFTER	REMARKS
<i>2-27-40</i>	<i>3995' True</i>	<i>X</i>	<i>2 in 1</i>	<i>Robinson</i>	<i>12-1-41</i>	<i>1-23-39</i>	<i>2 1/2" S.S. Cement</i>	<i>3814 - 3811'</i>	<i>1/15/41</i>	<i>2000 gal</i>		<i>Stayed in</i>	<i>Well look 171861 water Per.Hr.</i>	<i>✓</i>
<i>12-1-41</i>	<i>3995'</i>	<i>5 1/2" x 2"</i>	<i>X</i>	<i>Baker</i>										

POTENTIAL TESTS

STRAIGHT HOLE TESTS

DATE	HOURLY GAUGES						AVERAGE LAST 4 HOURS	DAILY POT	DECLINE PERCENT	GAS M. CU. FT.	GAS OIL RATIO	B. H. P.	DATE	DEPTH	DEVIATION	DATE	DEPTH	DEVIATION	DATE	DEPTH	DEVIATION
	1ST	2ND	3RD	4TH	5TH	6TH															
<i>2-2-39</i>	<i>938</i>	<i>636</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>4.6</i>	<i>New</i>			<i>936"</i>	<i>1-5-39</i>	<i>1120'</i>	<i>0°</i>						
													<i>1-6-39</i>	<i>1400'</i>	<i>0°</i>						
													<i>1-12-39</i>	<i>2600'</i>	<i>0°</i>						
													<i>1-15-39</i>	<i>3000'</i>	<i>0°</i>						
													<i>1-18-39</i>	<i>3400'</i>	<i>1°</i>						

GEOLOGICAL FORMATIONS

PRODUCTIVITY TESTS

NAME	TOP	GAS		OIL		NAME	TOP	GAS		OIL		DEPTH	PROD. B. P. H.	GAS C. F. / DAY	DEPTH	PROD. B. P. H.	GAS C. F. / DAY
		FROM	TO	FROM	TO			FROM	TO	FROM	TO						
<i>Lansing</i>	<i>3390'</i>					<i>Siliceous</i>	<i>4011'</i>					<i>3809'</i>		<i>Show</i>			
<i>Miscner</i>	<i>3802'</i>																
<i>Vida</i>	<i>3810-3813'</i>																
<i>Cored 3775-91' 4' green and brown shale, 12' green shale</i>																	
<i>Cored 3791-99' 5' green shale, 1' ash green sand with shale streaks, 1' spotted shale sand</i>																	
<i>Cored 3789-3806' Reverse 13' green shale, 2 1/2' green shale streaks, 1 1/2' sand bleeding with lime oil.</i>																	

MISCELLANEOUS WELL DATA

1-23-39 - plugged back 3814-3811 to shut off water - Water shut off.
*8-26/9-10-39 Deepened to 4015 Ran 11 lbs 5 1/2" O.D. 17" Csg. for liner 313' T. Halliburton float & guide shoe top of bottom joint. Inserted Texas Pattern shoe on top of liner. Cemented 1st time up 40' OK. Common. Raised Tbg, reversed circulation - Got gas returns on cement. Pumped 30 ex O.K. Lightning thru tbg. down around outside of liner. ✓ Liner 100' up in 7" Csg.
*9-22-39 ✓ 7" Csg 3801' P.D.F. 5 1/2" liner @ 4015' P.D.F. TOP 3702' P.D.F. Baker Cement retained @ 3692'. Ran 50 sacks OK Lightning at 500# pressure. Pumped 50 sacks more to top of retainer but could not displace cement from tbg @ 2000# pressure. Reversed circulation and washed cement out of tbg. for complete 12:01 P.M. 9-22-39.
*10-15-39 Lost Cable Tool bit in hole; not recovered. TO 4273'***

*Lanny's
copy
material
found in
E.H. Moore
Garage
Zenith
field*