

KANSAS State Geological Survey
WELL COMPLETION REPORT AND
DRILLER'S LOG

21

S. 7 T. 7S R. 20 W
 Loc. 100' S of C-SE-SW
 County Rooks

API No. 15 - 163 - 21,300
 County Number

Operator ALCONA OIL CO.
 Address RR. 2 - Box 51 STOCKTON, KANSAS 67669

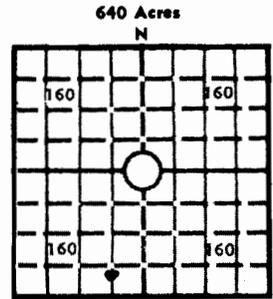
Well No. 1 Lease Name Le Sage

Footage Location South 550' feet from (E-W) line 660' EAST feet from (N-S) line

Principal Contractor RANGER Drig. Co Geologist NONE

Spud Date 8-17-81 Date Completed 8-24-81 Total Depth 3640' P.B.T.D. 3617'

Directional Deviation 0° Oil and/or Gas Purchaser OIL



Locate well correctly
 Elev.: Gr. 2136
 DF 2139 KB 2141

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4	8 5/8	28 ^{lb}	245'	Common	140	2% C.C.
Production	7 7/8	4 1/2"	9.5 ^{lb}	3639'	Dowell R.F.C. Program	150	
					Bradenhead Squeeze	60/40 Poz	6% Gel / 3505X

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			6 shots 4 shots	Jets Gun " "	3598 - 3601 3591 - 3592
			6 shots 2 shots 2 shots	" " " " " "	3540 - 3543 3421 - 22 3402 - 03

TUBING RECORD

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 Gal 15% Non-E "Arbuckle"	3598 - 3601 3591 - 3592
1000 Gal. 15% Non-E KC	3540 - 3543
500 Gal 15% Non-E KC 3 Perf Balls.	3421 - 22 3402 - 03

INITIAL PRODUCTION

Date of first production 10-27-81 Producing method (flowing, pumping, gas lift, etc.) PUMPING

RATE OF PRODUCTION PER 24 HOURS
 Oil 17 bbls. Gas 50 MCF Water 50 bbls. Gas-oil ratio CFPB

Disposition of gas (vented, used on lease or sold) Producing interval(s) Comingle KC & Arbuckle
Perfs. 3601 to 3402

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator <i>Alcona Oil Co.</i>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. <i>No. 1</i>	Lease Name <i>Le Sage</i>	<i>oil</i>
S <u>7</u> T <u>7</u> R <u>20</u> W		<i>Rooks Co. Kansas</i>

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<i>SAND & shale</i>	<i>Surf</i>	<i>240</i>	<i>—</i>	
<i>Lime</i>	<i>240</i>	<i>310</i>	<i>Ft Hays</i>	<i>240</i>
<i>shale</i>	<i>310</i>	<i>580'</i>	<i>—</i>	
<i>Dakota Sand</i>	<i>580</i>	<i>1460</i>		
<i>Anhydrite</i>	<i>1724'</i>	<i>1752'</i>	<i>Anhydrite</i>	<i>1724</i>
<i>Topeka Lm.</i>	<i>3120</i>	<i>3322</i>	<i>Topeka</i>	<i>3120'</i>
<i>Heebner sh</i>	<i>3322'</i>	<i>3327</i>	<i>Heebner</i>	<i>3322</i>
<i>TORONTO</i>	<i>3346</i>	<i>3355</i>	<i>Toronto</i>	<i>3346</i>
<i>Lsg. KC.</i>	<i>3360</i>	<i>3554'</i>	<i>Lsg. KC.</i>	<i>3360'</i>
<i>Conglomerate</i>	<i>3558</i>		<i>CONG.</i>	<i>3558'</i>
<i>ARBUCKLE</i>	<i>3590</i>	<i>—</i>	<i>Arb.</i>	<i>3590</i>
<i>Rotary T.D.</i>	<i>3640'</i>			

G/R-N-Guard. Caliper OK log

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<i>Charles D. Farr</i>
	Signature
	<i>Prod. Eng.</i>
	Title
	<i>12-20-81</i>
	Date

