

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 County Number

Operator EARCO Oil Operations

Address P. O. Box 51 McPherson, Kansas 67460

Well No. #1 Lease Name Oborg

Footage Location 330 feet from (N) (S) line 660 feet from (E) (W) line SE 1/4

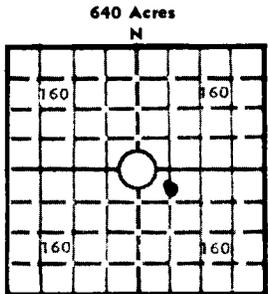
Principal Contractor Target Drilling Inc. Geologist Donald J. Melland

Spud Date 12/17/80 Date Completed 12/24/80 Total Depth 3490' P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser NCRA, McPherson, Ks. 67460

S. 2 T. 16S R. 4 W Loc. 660 FWL 330 FNL SE 1/4

County Saline



Locate well correctly

Elev.: Gr.

DF KB

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
Case off fresh water	12"	8 5/8		403'	cement	400 sx	
Oil String	7 7/8	4 1/2	9 1/2	3489'	Reg. Portland	75 sx	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
none			2	VJ 3 1/2 / 15	3449-3454

Size	Setting depth	Packer set at
2"	3450	none

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
15% mud acid--250 gal.	3449-3454
20,000# sand--1000 barrels water-- frac	3449-3454

INITIAL PRODUCTION

Date of first production 3/21/81	Producing method (flowing, pumping, gas lift, etc.) pumping			
Oil 10 bbls.	Gas none	Water 225 bbls.	Gas-oil ratio --	CFPB
Disposition of gas (vented, used on lease or sold) no gas		Producing interval (s) 3449=3454		

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.

514222

Operator EARCO Oil Operations		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil
Well No. #1	Lease Name Oborg	
S 2 T 16 R 4 X ^R W		

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
Maquoketa Dolomite Dolomite; gray, medium crystalline with included light gray, speckled, sharp and leached chert, poor and fair porosity in dolomite and leached chert, show of oil, faint odor.	3448	3453	Johnson Jet	3471-2900

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

Date Received	<p><i>Jo Roy Lewis</i> Signature</p> <p>_____ Title</p> <p>4-20-81 Date</p>
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