KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey

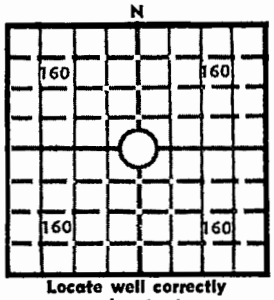
API No. 15 — Ellis — 051-20,165
County — Number

S. 30 T. 12S R. 19 E W

Loc. 100' N OF SE SE SW

County ELLIS

640 Acres



Locate well correctly

Elev.: Gr. 2157

DF 2160 KB 2162

Operator: Ecco

Address: BOX 1025

Well No.: 3

Lease Name: FRED ARMBRISTER

Footage Location: 422 - KCC Record feet from (N) (S) line; 2864 - KCC Record 330 feet from (E) (W) line

Principal Contractor: EMPHASIS

Geologist: H C HOPKINS

Spud Date	Date Completed	Total Depth	P.B.T.D.
10-28-81	11-5-81	3880	

Directional Deviation:

Oil and/or Gas Purchaser: NCRA CLEAR CREEK

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 3/4	8 5/8	24	265	COMMON	160	3% CaCl2 2% Ge
PRODUCTION	7 7/8	5 1/2	14	3899	COMMON	150	60/40 Pozmix

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
1	3 1/2 SSB	3669
1		3662
1		3652
1		3649
1		3626

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
5,000 gal 15% LIMITED ENTRY TREATMENT	3669, 3662, 3652, 3649, 3626.

INITIAL PRODUCTION

Date of first production: Dec 22, 1981

Producing method (flowing, pumping, gas lift, etc.): PUMPING

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	30 bbls.	LITTLE MCF	3 bbls.	CFPB

Disposition of gas (vented, used on lease or sold): USED ON LEASE

Producing interval(s): 3669, 3662, 3652, 3649, 3626

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	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
ECCO	

Well No.	Lease Name	
3	FRED ARMBRISTER	OIL

S 30 T 12S R 19W E/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
LANSING	3626	3628		
LANSING	3649	3649		
LANSING	3652	3652		
LANSING	3662	3662		
LANSING	3669	3669		
WELEX - GAMMA GUARD SIDEWALL NEUTRON LOG				

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

Date Received

Richard Castetter
Signature

Partner
Title

1-11-82
Date