

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

5-35-12W

Company- BARBARA OIL CO.  
Farm- School Trust No. 1

SEC. 5 T. 35 R. 12W  
SE NW SW

Total Depth. 4857'

Comm. 3-3-55

Comp. 4-21-55

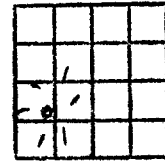
Shot or Treated.

Contractor. R. C. Patton Co.

Issued. 6-18-55

County Barber

KANSAS



Elevation. 1160'

Production. 19,200,000 Gas

CASING:

8 5/8" 282' cem w/175 sx

5 1/2" 4857' cem w/250 sx

Figures indicate Bottom of Formations.

surface clay	45
red clay	90
sand	95
red shale & shells	282
red bed & shells	800
shale & shells	1300
<del>salt &amp; shale</del> ✓	1390
shale & anhydrite	1950
lime & shale	3686
sand & shale	3724
sand	3772
lime & sandy shale	3810
lime & shale	3890
lime	3945
lime & shale	4162
shale & sand	4210
lime & shale	4410
lime	4646
lime & shale	4750
Cored	4791
cherty lime	4798
Cored	4818
cherty lime	4855
lime	4857
Total Depth	

Tops:

Elgin Sand	3692
Base Oread	3920
Stalnaker Sand	4160
Kansas City Lime	4350
Chester Sand	4771
Mississippian	4785

All depths from Kelly Bushing 10' above ground level.

EXHIBIT #1 State Geological Survey  
WICHITA BRANCH

5-35-12W

Barbara Oil Company  
School Trust Well #1  
Total Depth 4857'  
Comm. 3/3/55  
Rotary Comp. 3/26/55  
Cable Tool Comp. 4/21/55  
Contractor R. O. Patton Co.,

Location; SE/4,NW/4,SW/4, Sec. 5-358-12 W  
Barber County, Kansas.  
CASING RECORD  
8 5/8 Casing at 282'  
Cemented with 175 sacks Cement  
5 1/2" Casing 4857'  
Cemented with 250 Sacks Cement

Surface Clay	45
Red Clay	90
Sand	95
Red. Shale & Shells	282
Red Bed & Shells	800
Shale & Shells	1300
Salt & Shale	1390
Shale & Anhydrite	1950
Lime & Shale	3686
Sand & Shale	3724
Sand	3772
Lime & Sandy Shale	3810
Lime & Shale	3890
Lime	3945
Lime & Shale	4162
Shale & Sand	4210
Lime & Shale	4410
Lime	4646
Lime & Shale	4750
Cored	4791
Cherty Lime	4798
Cored	4828
Cherty Lime	4855
Lime	4857
Total Depth	4857

TOPS:  
All Depths from Kelly Bushing 10' above  
ground level  
Elgine Sand 3692  
Base Oread 3920  
Stalnaker Sand 4160  
K.O. Lime 4350  
Chester Sand 4771  
Mississippian 4785

RECEIVED  
STATE CORRELATION COMMISSION

OCT 7 1955

CONSERVATION DIVISION  
Wichita, Kansas

TYPE

State Geological Survey  
WICHITA BRANCH

## AFFIDAVIT OF COMPLETION FORM

5-35-12W  
ACO-1 WELL HISTORY

Compt. \_\_\_\_\_

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

- F Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

- C Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 5816 EXPIRATION DATE 6-30-84

OPERATOR Gulf Oil Exploration & Production Co. API NO. N.A.

ADDRESS P. O. Box 12116 COUNTY Barber

Oklahoma City, Oklahoma 73157 FIELD Hardtner

\*\* CONTACT PERSON James Marshall PROD. FORMATION Cherokee & Mississippi  
PHONE (405) 949-7000 Chat.

PURCHASER Koch Petroleum LEASE School Trust

ADDRESS P. O. Box 2256 WELL NO. #1-5

Wichita, Kansas 67201 WELL LOCATION \_\_\_\_\_

DRILLING R. C. Patton Company 990 Ft. from West Line and

CONTRACTOR ADDRESS NA 1650 Ft. from South Line of (E)  
the SW (Qtr.) SEC 5 TWP 35 RGE 12 (W).

PLUGGING NA WELL PLAT (Office Use Only)  
CONTRACTOR ADDRESS \_\_\_\_\_ KCC ☒  
KGS ☒  
SWD/REP \_\_\_\_\_  
PLG. \_\_\_\_\_

TOTAL DEPTH 4857' PBTD 4857'

SPUD DATE 3-3-55 DATE COMPLETED 4-19-55

ELEV: GR 1449' DF 1456' KB 1459'

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD18956

Amount of surface pipe set and cemented 282 DV Tool Used? No

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other \_\_\_\_\_

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

## A F F I D A V I T

James E. Marshall, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

James Marshall  
(Name)

SIDE TWO

OPERATOR Gulf OilLEASE School Trust

ACO-1 WELL HISTORY

SEC. 5 TWP 35 RGE. 12 (W.

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 1-5

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
<p>Check if no Drill Stem Tests Run.</p> <p>See Exhibit #1 for important zones.</p> <p>Drill Stem Test #1 : 4724-4784 Open: 2 hrs., Blow: Strong gas blow to surface in 2 minutes. Initial Flow Pressure: 390psi. Final Flow Pressure: 582psi. Bottom hole shut in pressure: 1828psi. in 20 minutes. Maximum gauge: 3.886 MMCFD</p> <p>Drill Stem Test #2 : 4768-4818', Open: 2 hrs. Blow: Very strong blow to surface in 2 minutes. Recovered: 30 feet very slightly oil cut mud. Initial flow pressure: 40psi. Final flow pressure: 40psi. Bottom hole pressure: 1475 psi. in 20 minutes.</p> <p>Drill Stem Test #3 : 4818-4857, Open: 2 hrs. Blow: Fair at start of test, gradually declined during test. Gas odor at surface in 4 minutes. Recovered: 40 feet oil and gas cut mud. 980 feet of gassy oil. Initial Flow Pressure: 100 psi. Final Flow Pressure: 305 psi. Bottom hole shut in pressure: 1585 psi. in 20 minutes.</p>				

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used				Depth interval treated	
250 gals. mud acid, 400 bbls. oil, 8000 lbs. sand				4773-4785	
500 gals. mud acid, 600 bbl. oil, 4000 lbs. 20-40 sand				4833-4850	
Date of first production 4-19-55				Producing method (flowing, pumping, gas lift, etc.) Flowing	
Estimated Production -I.P.		Oil	Gas	Water	Gas-oil ratio
		bbls.	2358	MCF	%
Disposition of gas (vented, used on lease or sold) Sold				Perforations 4773-4785	

## Report of all strings set—surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Conductor	NA	13 3/8	45	119	Common	100	-
Surface	NA	8 5/8	28	282	Common	175	-
Production	7 7/8	5 1/2	14	4857	Common	250	

## LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
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## TUBING RECORD

Size	Setting depth	Packer set at	Shots per ft.	Size & type	Depth interval
2 3/8	4770		6	NA	4773'-4785'
			4	NA	4833'-4850'