

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

State Geological Survey  
WICHITA BRANCH

Compt.           

8-32-21W

(Rules 82-3-130 and 82-3-107)

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

Letter requesting confidentiality attached.

Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)\*\*\*Check here if NO logs were run \_\_\_\_\_.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 8802 EXPIRATION DATE Jan. 15, 1984

OPERATOR COBRA OIL & GAS CORPORATION API NO. 15-025-20,717

ADDRESS P. O. Box 1929 COUNTY Clark

Woodward, Oklahoma FIELD \_\_\_\_\_

\*\* CONTACT PERSON Glen A. Waugh PROD. FORMATION Morrow

PHONE 405/254-2027

PURCHASER Kansas Power & Light LEASE Harden

ADDRESS P. O. 889 WELL NO. 8-1

Topeka, Kansas 66601 WELL LOCATION C NE NE

DRILLING R & G Drilling Company 660 Ft. from North Line and

CONTRACTOR 660 Ft. from East Line of

ADDRESS Suite 600 300 W. Douglas the NE (Qtr.) SEC 8 TWP 32S RGE 21 (W).

Wichita, Kansas 67202

PLUGGING \_\_\_\_\_ WELL PLAT \_\_\_\_\_ (Office

CONTRACTOR \_\_\_\_\_ Use Only)

ADDRESS \_\_\_\_\_ KCC

KGS

SWD/REP \_\_\_\_\_

PLG. \_\_\_\_\_

TOTAL DEPTH 5285' PBTD 5255'

SPUD DATE 7-22-83 DATE COMPLETED 8-9-83

ELEV: GR 1986' DF 1996' KB 1998'

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

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

Amount of surface pipe set and cemented 825' DV Tool Used? No

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion \_\_\_\_\_. Other completion \_\_\_\_\_. NGPA filing \_\_\_\_\_.

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

Glen A. Waugh, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit.

WELL PLAT (Office Use Only)


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**RELEASED**

Date: SEP 1 1984

FROM CONFIDENTIAL

SIDE TWO

ACO-1 WELL HISTORY (E)

OPERATOR COBRA OIL & GAS CORPORATION LEASE Harden SEC. 8 TWP. 32S RGE. 21 (W)

**KILL IN WELL INFORMATION AS REQUIRED:**

WELL NO. 8-1

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
<input type="checkbox"/> Check if no Drill Stem Tests Run. <input type="checkbox"/> Check if samples sent to Geological Survey				
Surface	0	117	Wabaunsee	3457 (-1459)
Red Bed & Shale	117	225	Base Heebner	4213 (-2215)
Red Bed	225	1960	Latan	4288 (-2290)
Red Bed & Shale	1960	2300	Lansing	4404 (-2406)
Anhydrite, Shale & Dolomite	2300	2645	Kansas City	4486 (-2488)
Shale & Dolomite	2645	2822	Marmaton	4931 (-2933)
Lime & Shale	2822	5285	Ft. Scott Ls	5022 (-3024)
DST #1 5140-5183' 30-60-60-120 Gas to surface in 8 minutes. Maximum gauge 830 MCF. Recovered 210' of heavy gas cut mud. IFP 28-452#, FFP 421-670#, ISIP 1751#, FSIP 1751#.			Inola	5130 (-3132)
			Morrow Sd	5139 (-3141)
			Morrow Sh	5164 (-3166)
			Chester	5186 (-3188)

If additional space is needed use Page 2,

**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	Socks	Type and percent additives
Surface	12 1/2"	8 5/8	24#	825'	Class "H"	450	1/4# flocele & 3%cc
Production		4 1/2"	11.60#	5284'	Class "H"	200	4% gel, 10% salt & 12 1/2# gilsonite

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
			2 shots/ft		5164-68' & 5171-76'

**TUBING RECORD**

Size	Setting depth	Pecker set at
2 3/8"	5074'	5074'

State Geological Survey  
WICHITA BRANCH

HARDIN #8-1

CONFIDENTIAL

8-32-21W

C NE NE  
Sec. 8-32S-21W  
Clark County, Kansas

Started: 7-22-83

Completed: 8-05-83

B-1 Harden

LOG:

Surface 0 - 117'

Red Bed & Shale 117'- 225'

Red Bed 225'

TOTCO 1° @ 830'  
Ran 21 jts. 8 5/8" csg. set @  
825' KB, cmt w/250 sx light +  
1/4# Floseal + 200 sx Class 'H'  
+ 3% cc. + 50 sx Class 'H' +  
3% cc.  
1960' Plug down 3:15 a.m. 7/23/83.

Red Bed & Shale 1960'-2300'

Anhydrite, Shale, Dolomite 2300'-2645'

TOTCO 3/4° @ 2398'

Shale & Solomite 2645'-2822'

Lime & Shale 2822'

Ran 141 jts. 4 1/2" csg. set @ 5284  
KB cmt w/200 sx Class 'H' + 4% gel.  
+ 10% salt + 12 1/2# gilsonite. Plug  
down @ 8:45 pm 8-04-83.  
5285' TOTCO 2° @ 5183'.

STATE OF KANSAS )  
                          ) ss.  
COUNTY OF SEDGWICK )

**RELEASED**  
Date: SEP 1 1984  
FROM CONFIDENTIAL

I, E. J. Rine, do hereby certify that the above is a true and accurate log of the Hardin #8-1, C NE NE, Sec. 8-32S-21W, Clark County, Kansas.

x E. J. Rine  
E. J. Rine, President

Subscribed and sworn to me on this  
9th day of August, 1983.

My commission expires:

January 21, 1985

x Donna K. McKee  
Donna K. McKee, Notary Public

