

State Geological Survey
WICHITA BRANCH
AFFIDAVIT AND COMPLETION FORM

36-318-18W

ACO-1

This form must be filed in triplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within five days after the completion of the well, regardless of how the well was completed. Circle one: Oil, gas dry, SWD, OWWO, injection. Please type. Complete ALL sections. Applications must be filed for dual completion, commingling, salt water disposal and injection. Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.) KCC#-(316) 263-3238.

OPERATOR PETRO-DYNAMICS, LTD. API NO. 15-033-20,495
ADDRESS BLDG. 1, SUITE 207, 555 N. WOODLAW COUNTY COMANCHE
WICHITA, KANSAS 67208 FIELD WILMORE
**CONTACT PERSON ROD ANDERSEN, CHIEF GEOL. LEASE BROWN
PHONE 681-1685

PURCHASER _____ WELL NO. #1
ADDRESS _____ WELL LOCATION C NE NW SW
_____ 990' Ft. from WEST Line and
_____ 2310' Ft. from SOUTH Line of
DRILLING CONTRACTOR FREEMAN DRILLING COMPANY, INC. the SEC. 36 TWP. 31 RGE. 18W
ADDRESS 251 N. WATER, SUITE 10

WICHITA, KANSAS 67202
PLUGGING CONTRACTOR FREEMAN DRILLING COMPANY, INC.
ADDRESS 251 N. WATER, SUITE 10, WICHITA, KS
TOTAL DEPTH 5225' PBDT 5225'
SPUD DATE 10-4-81 DATE COMPLETED 10-16-81
ELEV: GR 2130' KB 2146'

WELL
PLAT
~~XXXXXX~~
or (Full)
Section -
Please
indicate.

465

DRILLED WITH ~~(CABLE)~~ (ROTARY ~~XXXX~~) TOOLS
Report of all strings set - surface, intermediate, production, etc. ~~(XXX)~~ / (Used) casing.

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 CSG.	12 1/4"	10 3/4"	40#	318'	CLASS "A"	250	2% GEL 3% CaCL

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD					
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated

TEST DATE: _____ PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	A.P.I. Gravity
RATE OF PRODUCTION PER 24 HOURS	Oil _____ Gas _____ Water _____	Gas-oil ratio _____
Disposition of gas (vented, used on lease or sold)	Producing interval(s)	

** The person who can be reached by phone regarding any questions concerning this information.

A witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

Name of lowest fresh water producing stratum _____ Depth _____
 Estimated height of cement behind pipe _____

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
HERRINGTON	2540'			
WABAUNSEE	3413'			
STOTLER	3562'			
HOWARD	3888'			
LECOMPTON	4072'			
HEEBNER	4290'			
LANSING	4462'			
DENNIS	4769'			
SWOPE	4825'			
HERTHA	4879'			
PAWNEE	5034'			
CHEROKEE	5072'			
MISSISSIPPIAN	5125'			

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

A F F I D A V I T

STATE OF KANSAS, COUNTY OF SEDGWICK SS,

ROD ANDERSEN OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH, DEPOSES AND SAYS:

THAT HE IS CHIEF GEOLOGIST FOR PETRO-DYNAMICS, LTD.

OPERATOR OF THE BROWN LEASE, AND IS DULY AUTHORIZED TO MAKE THIS AFFIDAVIT FOR AND ON BEHALF OF SAID OPERATOR, THAT WELL NO. #1 ON SAID LEASE HAS BEEN COMPLETED AS OF THE 16TH DAY OF OCTOBER 1981, AND THAT ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

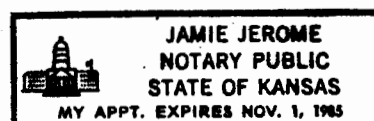
FURTHER AFFIANT SAITH NOT.

(S) Rod Andersen

SUBSCRIBED AND SWORN TO BEFORE ME THIS 4th DAY OF November 1981

Jamie Jerome
 NOTARY PUBLIC

MY COMMISSION EXPIRES: November 1, 1985



KANSAS DRILLERS LOG

COMPANY Petro-Dynamics, LTD *State Geological Survey* SEC. 36 T. 31S R. 18W
 FARM Brown NO. 1 WICHITA BRANCH
 LOC. C-NE NW SW

ROTARY TOTAL DEPTH 5,225'
 COMM. October 3, 1981 COMP. October 16, 1981
 CONTRACTOR FREEMAN DRILLING COMPANY (Rig No. 1)
 ISSUED October 20, 1981

COUNTY Comanche

CASING

10 3/4" Set at 318' cemented w/250 sxs cement
 8 5/8"
 5 1/2"
 4 1/2"

ELEVATION 2,146' K.B.

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand	245'
Red Bed	1,802'
Sand and Shale	2,101'
Lime and Shale	5,225'
Rotary Total Depth	5,225'

I hereby certify the above and foregoing to be a true
 and correct log of the above described well as shown
 by the drilling reports.

FREEMAN DRILLING COMPANY, INC.

[Signature]
 Gary Younger

State of Kansas)
) ss:
 County of Sedgwick)

Subscribed and Sworn to before me a Notary Public in and
 for said county and state this 20th day of October, 1981.

[Signature]
 Helen Pracht - Notary Public

My Commission Expires:

June 4, 1985