

**WELL COMPLETION REPORT AND
DRILLER'S LOG**

State Geological Survey
WICHITA, BRANCH

21 T. 31 R. 11W E W

API No. 15 — County _____ Number _____

Loc. NE NW NE
County Barber

Operator
National Oil Company

Address
200 West Douglas, Suite 800 Wichita, KS

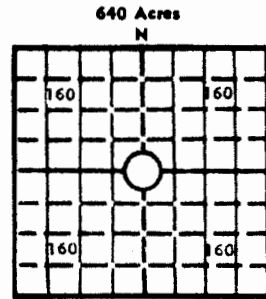
Well No. 1 Lease Name Chain

Footage Location
feet from (N) (S) line _____ feet from (E) (W) line _____

Principal Contractor DaMac Drilling, Inc. Geologist Jay Dirks

Spud Date Sept. 8, 1980 Date Completed 9-14-80 Total Depth 3830 P.B.T.D. _____

Directional Deviation _____ Oil and/or Gas Purchaser _____



Elev.: Gr. 1766
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
Surface Csg	12-1/4	8-5/8	23#	340	common	275	2% gel, 3% CC

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

INITIAL PRODUCTION

Date of first production _____ Producing method (flowing, pumping, gas lift, etc.) _____

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

Disposition of gas (vented, used on lease or sold) _____ Producing interval (s) _____

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
National Oil Company

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

Well No. 1

Lease Name Chain

DRY HOLE

S 21T 31R 11E
West

WELL LOG

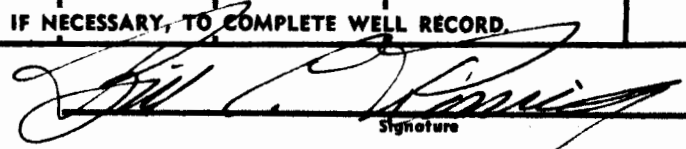
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,
OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Radiation Guard Log	0	3830		
Heebner 3718 (-1941')				
Douglas Sd 3776 (-1999')				
D.S.T. #1 3720-80 Times 30,45,60,45 gas to surf. in 40 min, too small to meas., Rec. 230' thin gassy mud, 120' muddy salt wtr. IF 105-126, FF 137-169, ISIP 757, FSIP 757. Temp 120°.				

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

Date Received


Signature

Title

September 22, 1980

Date

P

WELL LOG

COMPANY National Oil Company

SEC. 21 T. 31S R. 11W

FARM Chain

NO. 1

LOC. NE NW NE

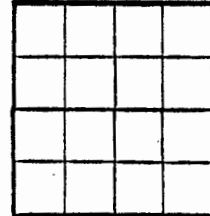
TOTAL DEPTH 3830'

COUNTY Barber

COMM. 9-8-80

COMP. 9-15-80

CONTRACTOR DaMac Drilling Inc.



CASING 8 5/8 set @ 340'

ELEVATION

PRODUCTION P&A

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand, Shale, RedBed	0	345
RedBed, Shale	345	1585
Lime, Shale	1585	3830 RTD