

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey
WICHITA, BRANCH

S27 T. 30 R. 41 W

Loc. NE NW NE

County Stanton

API No. 15 — 187 — 20342
County Number

Operator
National Oil Company

Address
200 West Douglas, Suite 800, Wichita, Ks. 67202

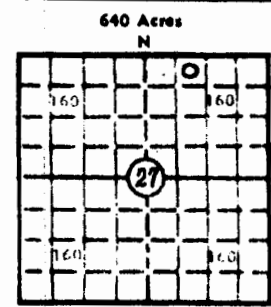
Well No. 2 Lease Name Williams

Footage Location
330 feet from (N) (S) line 1650 feet from (E) (W) line

Principal Contractor Geologist
Cheyenne Drilling Co. John James

Spud Date Date Completed Total Depth P.B.T.D.
8-30-81 10-7-81 5475 RTD 5391'

Directional Deviation Oil and/or Gas Purchaser
Permian



Locate well correctly
Elev.: Gr. 3369
DF 3376 KB 3378

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	12-1/4	8-5/8	24#	1536	65/35 Poz Class H	700 15	3% CC
production	7-7/8	4-1/2	10.5	5464'	60/40 Poz Lite Poz	200 50	6% jell, 10% Salt 10#/sx Gilsonite 3/4-1% CFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	thru tbq. jets	5368-5372

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	5353	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
200 gal Acetic Acid	5391'
250 gal 15% Mud Acid using 90,000 SCF N ₂	5368-5372'
4,000# 20/40 sd.	5368-5372'

INITIAL PRODUCTION

Date of first production 10-22-81		Producing method (flowing, pumping, gas lift, etc.) pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil 43 bbls.	Gas 20 MCF	Water	Gas-oil ratio	CFPB
Disposition of gas (vented, used on lease or sold) venting			Producing interval(s) 5368-5372		

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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

