

18-35-37W



TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

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.

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.

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 # 5208 EXPIRATION DATE 6/30/83

OPERATOR Mobil Oil Corproation API NO. 15-189-20589

ADDRESS P. O. Box 5444 COUNTY Stevens

Denver, CO 80217-5444 FIELD Panoma

** CONTACT PERSON C. J. Park, Prod. Acctg. PROD. FORMATION Council Grove
PHONE 303/572-2696

PURCHASER Northern Natural Gas Company LEASE Harrison No. 2 Unit

ADDRESS 2223 Dodge Street WELL NO. #3

Omaha, Nebraska 68102 WELL LOCATION Sec. 18-35S-37W

RILLING Earl F. Wakefield, Inc. 1250 Ft. from North Line and

CONTRACTOR ADDRESS 300 W. Douglas, Suite 500 1250 Ft. from East Line of

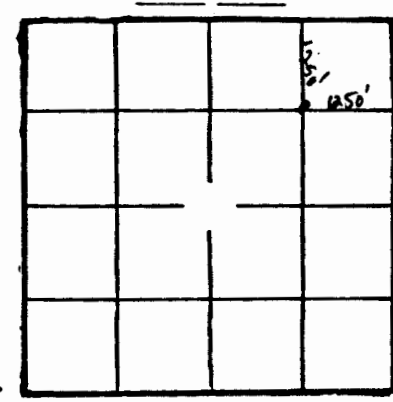
Wichita, KS 67202 the NE/4(Qtr.) SEC 18 TWP 35S RGE 37W.

PLUGGING -

CONTRACTOR ADDRESS

WELL PLAT

(Office Use Only)



KCC
KGS
SWD/REP
PLG.

TOTAL DEPTH 3240' PBD 3229'

SPUD DATE 7/27/82 DATE COMPLETED 8/21/82

ELEV: GR 3169.4' DF KB 3177.4'

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-8787

Amount of surface pipe set and cemented - DV Tool Used? -

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, 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

C. J. Park, 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.

OPERATOR Mobil Oil Corporation LEASE Harrison 2 Ut. 3 SEC. 18 TWP. 35S RGE. 37WFILL IN WELL LOG AS REQUIRED:

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

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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface Sand Clay	0	615	Chase	2667
Red Bed	615	960	Council Grove	3024
Shale	960	1270		
Sand	1270	1380		
Shale	1380	1430		
Shale & Gyp (Anhydrite @ 1749')	1430	1860		
Shale	1860	2200		
Shale & Lime	2200	2430		
Lime & Shale	2430	3240		
R.T.D.	3240	3240		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized down 5 1/2" casing w/3,780 gal. L401 acid + additives w/115 ball sealers.	3033/3097

Date of first production		Producing method (flowing, pumping, gas lift, etc.)		Gravity	
Awaiting pipeline connection				Awaiting pipeline connection	
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water %	Gas-oil ratio bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Perforations 3033/3097		
Awaiting pipeline connection					

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
Surface casing	12 1/4"	8 5/8"	24#	729'	Class H	165	12% gel, 3% CaCl ₂
Production casing	7 7/8"	5 1/2"	14#	3240'	Class H	500	65/35 Poz, 6% gel + 1/4# celophane, 8% salt
					Class H	125	2% D-46.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 shots/ft.		3033/3036, 3048/3050, 3055/3064, 3072/3077, 3087/3090, 3094/3097
TUBING RECORD					
Size	Setting depth	Packer set at			
2 3/8"	3041'				



KANSAS DRILLER'S LOG

P
18-35-37W

LEASE: HARRISON NO. 2 UNIT #3
OWNER: MOBIL OIL CORPORATION
API 15-189-20,589
SPUD: 7-28-82
COMP: 8-02-82

LOCATION: 1250' FNL & 1250' FEL (NE/4)
SECTION 18-35S-37W
STEVENS COUNTY, KANSAS
CASING: 8 5/8" SET @ 729'
5 1/2" SET @ 3240'

Surface Sand - Clay	615
Red Bed	960
Shale	1270
Sand	1380
Shale	1430
Shale & Gyp (Anhydrite @ 1749')	1860
Shale	2200
Shale & Lime	2430
Lime & Shale	3240
R.T.D.	3240

State Geological Survey
WICHITA BRANCH

STATE OF KANSAS)
) ss.
COUNTY OF SEDGWICK)

I, William C. Wakefield, do hereby certify that this is a true and correct Driller's Log on the HARRISON NO. 2 UNIT #3, located 1250' FNL & 1250' FEL (NE/4) Section 18-35S-37W, STEVENS COUNTY, KANSAS, as shown by the daily drilling reports.

EARL F. WAKEFIELD, INC.

By

William C. Wakefield

Subscribed and Sworn to before me this 11th Day of August, 1982.