

Sub
PI

3-31-10W

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

State Geological Survey

Compt. _____

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

WICHITA BRANCH

DOCKET NO. NP _____

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.

F _____ Letter requesting confidentiality attached.

C 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 # 5428 EXPIRATION DATE 6-30-84

OPERATOR Graves Drilling Co., Inc. API NO. 15-007-20,091

ADDRESS 910 Union Center COUNTY Barber

Wichita, Kansas 67202 FIELD W C

** CONTACT PERSON Court Graves PROD. FORMATION Mississippian
PHONE 316-265-7233 _____ Indicate if new pay.

PURCHASER Peoples Natural Gas LEASE Haynes

ADDRESS Division of Northern Natural Gas Co. WELL NO. 1
748 R.H. Garvey Bldg.

300 W. Douglas WELL LOCATION C NW NE
Wichita, Kansas 67202

DRILLING Graves Drilling Co., Inc. 660 Ft. from N Line and

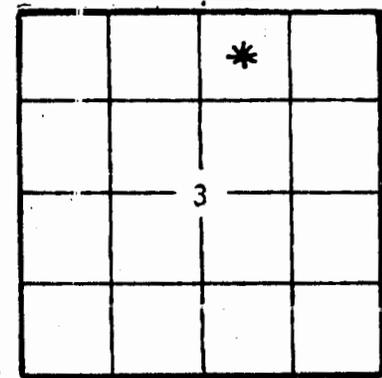
CONTRACTOR ADDRESS 910 Union Center 1980 Ft. from E Line of

Wichita, Kansas 67202 the NE/4 (Qtr.) SEC 3 TWP 31 SRGE 10 (W).

PLUGGING CONTRACTOR ADDRESS _____

WELL PLAT

(Office Use Only)



KCC _____
KGS
SWD/REP _____
PLG. _____
NGPA _____

TOTAL DEPTH 4590 PBDT none

SPUD DATE 2-28-69 DATE COMPLETED 3-12-69

ELEV: GR 1747 DF 1749 KB 1752

DRILLED WITH (CABLE) ROTARY (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE N/A

Amount of surface pipe set and cemented 248' 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 X

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

Court Graves, being of lawful age, hereby certifies that:

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

WELL NO. _____

FILL IN WELL INFORMATION AS REQUIRED:

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 & Shut-in pressures, and recoveries.

Show Geological markers, logs run, or Other Descriptive information.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p><u>DRILL STEM TEST NO. 1 4455 to 4470</u></p> <p>Tool open for 80 minutes, gas to surface in 6 minutes Gas Gauge: 0 to 10 minutes 734,000 feet (3/4"choke) 10 to 20 minutes 810,000 feet 20 to 30 minutes 887,000 feet 30 to 40 minutes 920,000 feet 40 to 50 minutes 953,000 feet 50 to 60 minutes 953,000 feet 60 to 70 minutes 953,000 feet 70 to 80 minutes 953,000 feet</p> <p>Recovered 125 feet gas cut mud and 60 feet of watery mud 30 minute I.S.I.P. 1638 pounds 30 minute F.S.I.P. 1580 pounds I.F.P. 119 pounds F.F.P. 191 pounds</p>				
<p><u>DRILL STEM TEST NO. 2 4470 to 4480</u></p> <p>Tool open 60 minutes, gas to surface in 7 minutes Gas Gauge: 0 to 10 minutes 175,000 feet (3/4" choke) 10 to 20 minutes 162,000 feet 20 to 30 minutes 155,000 feet 30 to 40 minutes 155,000 feet 40 to 50 minutes 155,000 feet 50 to 60 minutes 155,000 feet</p> <p>Recovered 125 feet gas cut mud 30 minute I.S.I.P. 1630 pounds F.S.I.P. 1546 pounds I.F.P. 59 pounds F.F.P. 71 pounds</p>		Temp. 120 degrees		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD					
Amount and kind of material used				Depth interval treated	
250 gallons 15% acid				4462-66;	
				4474-84	
Date of first production		Producing method (flowing, pumping, gas lift, etc.)		Gravity	
5-1-69		flowing			
Estimated Production-I.P.	Oil	Gas	Water	Gas-oil ratio	CFPS
	4	283	0 %	1:70	
Disposition of gas (vented, used on lease or sold)				4462-66; 4474-84	
sold - Peoples Natural Gas				Perforations	

JUL 26 1969

ROTARY DRILLERS' LOG

OPERATOR: John C. Graves, et al
Union Center Bldg.
Wichita, Kansas

DRILLING COMMENCED: 2/28/69

3-31-10W
CNW NE

CONTRACTOR: Graves Drilling Co., Inc.
505 Union Center
Wichita, Kansas

Drilling Completed: 3/12/69

CASING RECORD: 8 5/8" surface casing, set at 248' with 200 sacks of cement; 4 1/2" casing set at 4540', with 80 sacks of cement.

LOCATION: Haynes # 1
C NW/4 NE/4 Sec. 3,
31S, 10W, Barber
County, Kansas

Gas

0	-	150	Sand
150	-	249	Red bed
249	-	1220	Red bed & shale
1220	-	1580	Shale & lime streaks
1580	-	2137	Shale & lime
2137	-	2250	Lime
2250	-	3082	Lime & shale
3082	-	3169	Lime
3169	-	3357	Lime & shale
3357	-	3619	Lime
3619	-	3623	Shale
3623	-	3682	Lime
3682	-	3746	Shale
3746	-	3793	Sand & shale
3793	-	4255	Lime
4255	-	4282	Lime & shale
4282	-	4302	Lime
4302	-	4453	Shale
4453	-	4470	Chert & lime
4470	-	4480	Lime
4480	-	4524	Chert
4524	-	4559	Lime
4559	-	4590	Shale
4590	-		Total Depth

LTD 4591

I hereby certify the foregoing statements to be true and correct, to the best of my knowledge.

GRAVES DRILLING CO., INC.

BY (signed) John C. Graves
President

STATE of KANSAS)
)
SEDGWICK COUNTY)