

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

Compt. _____

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

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. 15-007-20,091-00-00

ADDRESS 910 Union Center COUNTY Barber

Wichita, Kansas 67202 FIELD W C ALMA

** 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. 748 R.H. Garvey Bldg. WELL NO. 1

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

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 38 TWP 31S RGE 10 (W).

PLUGGING CONTRACTOR ADDRESS

WELL PLAT

(Office Use Only)

		*	
		3	

KCC
KGS
SWD/REP
PLG.
NGPA

TOTAL DEPTH 4590 PBD 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.

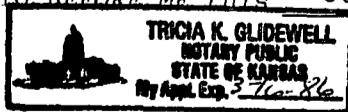
A F F I D A V I T

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

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Court Graves
Court Graves(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 5th day of October 19 83.



Tricia K. Glidewell
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: March 16, 1986

RECEIVED STATE CORPORATION COMMISSION

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

CONSERVATION DIVISION
Wichita, Kansas

Side TWO

OPERATOR Graves Drilling Co., Inc. LEASE NAME Haynes SEC 3 TWP 31S RGE10 (W)

WELL NO 1

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 and shut-in pressures, and recoveries.

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

Formation description, contents, etc.	Top	Bottom	Name	Depth
Check if no Drill Stem Tests Run.			Topeka	3240 (-1488)
X Check if samples sent Geological Survey.			Oread	3524 (-1772)
			Mississippi	4458 (-2706)
	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	

If additional space is needed use Page 2

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	12 1/4	8 5/8"	28.0	248	common	200	2% Gel, 3% CaCl
Production	8 5/8"	4 1/2"	10.50	4540	common	80	6% salt

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
2"	4452	

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
	4 bbls.	283 MCF	0 %	1:70

Disposition of gas (vented, used on lease or sold)	Perforations
sold - Peoples Natural Gas	4462-66; 4474-84

ACO-1 WELL HISTORY

PAGE 2 Continued
 OPERATOR Graves Drilling LEASE NAME Haynes

SEC 3 TWP 31S RGE 10 (W)

WELL NO. 1

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

RECEIVED
 STATE CORPORATION COMMISSION
 OCT 7 1983
 CONSERVATION DIVISION
 Wichita, Kansas