5/10/82 KCC

E

AFFIDAVIT OF COMPLETION FORM ACO-1 WELL HISTORY

State Geological Survey WICHITA, BRANCH

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 # 5151 EXPIRATION DATE

OPERATOR Gear Petroleum Co., Inc. API NO. 15-007-21,440

ADDRESS 300 Sutton Place COUNTY Barber

Wichita, Kansas FIELD Ils

** CONTACT PERSON Jim Thatcher PROD. FORMATION Douglas

PHONE 316 265 3351

PURCHASER Peoples Natural Gas Company LEASE Nuckolls "A"

ADDRESS 25 Main Place WELL NO. #1-30

Council Bluffs, Iowa 51501 WELL LOCATION NE

DRILLING CONTRACTOR RRA Drilling, Inc. 1830 Ft. from South Line and

ADDRESS 100 S. Main, Suite 510 670 Ft. from East Line of

Wichita, Kansas 67202 the NE (Qtr.) SEC 30 TWP 31 RGE 11W.

RECEIVED
STATE CORPORATION COMMISSION
JUL 20 1982
CONSERVATION DIVISION
Wichita, Kansas

PLUGGING CONTRACTOR ADDRESS

WELL PLAT (Office Use Only)

KCC
KGS
SWD/REP
PLG.

30

RELEASED
Date: 2 MAY 1983
FROM CONFIDENTIAL

TOTAL DEPTH 4334' PBTD 3702'

SPUD DATE May 1, 1982 DATE COMPLETED May 10, 1982

ELEV: GR 1571 DF KB 1578

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

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

Amount of surface pipe set and cemented 8 5/8 ¶ 260'DV Tool used? No.

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO, Other

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
None	

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
Shut in gas well	Flowing	

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	None bbls.	450 MCF	% bbls.	CFPB

Disposition of gas (vented, used on lease or sold)

Shut in

Perforations 3578-81; 3586-90

W11-18-08

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Gear Petroleum Co., Inc. LEASE Nuckolls "A" 1-30 SEC. 30 TWP. 31 RGE. 11W

FILL IN WELL LOG 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
DST #1, 3361-3397, 30-30-30-30, rec. 15' mud, IFP 40-27 FFP 27-27, ISIP 27, FSIP 27	3361	3397	Herrington	1795
			Tarkio	2828
			B/Lecompton	3398
			Elgin SS	3422
DST #2, 3386-3420, 30-30-30-30, rec. 10' mud, IFP 54-27 FFP 27-13, ISIP 27, FSIP 27.	3386	3420	Heebner	3525
			U. Douglas	3538
			L. Douglas SS	3578
			Lansing	3747
			Cherokee Sh	4294
DST #3, 3498-3580, 30-60-45-90, GTS 25" 2nd open TSTM rec. 150' GCM, IFP 91-54, FFP 109-68, SIP 1064, 1227	3498	3580	Mississippi	4312
			TD	4334
DST #4, 3580-3610, 30-30-30-30, Rec. 250' GCSW, 14% mud, 84% wtr. 1% oil, 1% gas, 131 MPPM. IFP 928-983, ISIP 109, FFP 91-68, FSIP 1051.	3580	3610		
DST #5, 4305-4334, 30-30-30-30. Wk blow. Rec. 70' mud, IFP 54-68, ISIP 109, FFP 91-68, FSIP 95.	4305	4334		
Red Clay	260	1215		
Shale & Sand	1215	1977		
Lime & Shale	1977	2468		
Shale & Lime	2468	3397		
Shale & Sand	3397	3420		
Shale, Sand & Lime	3420	3580		
Douglas Sand	3580	3637		
Lime & Shale	3637	4240		
Lime	4240	4312		
Mississippi Lime	4312	4334		

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	12¼	8 5/8	20#	259	Common	200	3% CC 2% Gel
Production	7 7/8	4 1/2	10.5	3702	Common	100	None

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3	Jet	3578-81; 3586-90

TUBING RECORD					
Size	Setting depth	Packer set at			
2	3584				

ORM 983
(EV 4-22-65)

NORTHERN NATURAL GAS COMPANY
OBSERVED SURFACE DATA WORKSHEET
SHEET 1

YPE TEST: 4-Point [XXX] INITIAL [ ] ANNUAL [ ] RETEST [ ] SPECIAL TEST DATE: 6/15/8

PERATOR Gear Petroleum LEASE Nuckolls WELL N 1-30

EC. 30 TWP. 31 RNG. 11 W COUNTY Barber STA. NO. PIPELINE CONN.

A SYSTEM FIELD RESERVOIR

SG. WT. TBG. SIZE WT. PERFS. TO

YPE COMPLETION: SINGLE ( ) GAS-GAS( ) GAS-OIL( ) PACKER@ ft. FLOW STRING@

ATE ON REFLOW TIME DATE SHUT IN TIME LENGTH OF PREFLOW AVG. PREFLO RATE

ATE SHUT IN RESS. TAKEN TIME LENGTH OF SHUT IN SHUT IN CSG. PRESS. psig SHUT IN TBG. PRESS. psi

AS GRAVITY (Gm) .650 Est API GRAVITY (Gg) OF LIQUID @ 60°F PROVER SIZE 2" METER RUN SIZE ORIFICE SIZE TYPE TAPS

DATE TIME OF READING	ELAP TIME HRS.	W.H. PRESSURE DATA CASING psig	Δ P CSG.	TUBING psig	Δ P TBG.	WELL HEAD TEMP	METER OR PROVER DATA PRESS psig	DIFF.	TEMP.	LIQUID HYDRO-CARBONS BBLS.	WATER PRODUCED BBLS.	REMARKS PERTINENT TEST DATA QUALITY
5/15/82												
1145		973		941								
1200		Well on test 5/16" plate										
1205		962	-11	930	-11		153		63			
1210		962	0	933	+ 3		155		63			
1215		962	0	932	- 1		155		62			Increased rate to 440
1230		956	- 6	926	- 6		215		60			
1245		956	0	925	- 1		215		60			
1300		955	- 1	924			216		60			
		Well on 2nd rate 5/8" plate										
1315		928	-27	884	-38		110		48			
1330		925	- 3	883	- 1		113		50			Fluid to surface
1345		926	+ 1	891	+ 8		111		52			
1400		925	- 1	898	+ 7		120		56	Trace	Trace	
		Well on 3rd rate 5/8" plate										
1415		881	-44	826	-62		181		60			
1430		875	- 6	834	+ 8		188		60			
1445		873	- 2	841	+ 7		190		60			
1500		874	+ 1	844	+ 3		188		60	0.25	Trace	
		Well on 4th rate										
1515		833	-41	787	-57		241		63			
1530		839	+ 6	797	+10		240		63			
1545		836	- 3	791	- 6		240		63			Took sample #265
1600		836	0	791	0		240		62	0.25	Trace	
		Terminated 4-Point Start build up										
1605		957		957								
1610		966		966								
1615		967		967								
		Terminate build up										

State Geological Survey
WICHITA BRANCH

ESTED BY: Ron Pierce WITNESSED BY: Jim Workman