

TYPE  
SIDE ONE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

32-23-21W

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 # 5123 EXPIRATION DATE

OPERATOR Pickrell Drilling Company API NO. 15-083-20,114

ADDRESS 110 N. Market, Suite 205 COUNTY Hodgeman

Wichita, KS 67202 FIELD Sawlog Creek

\*\* CONTACT PERSON Jack Gurley PROD. FORMATION Kansas City  
PHONE (316) 262-8427

PURCHASER Permian Corporation LEASE Gleason 'B'

ADDRESS P. O. Box 1183 WELL NO. 4  
Houston, Texas 77001 WELL LOCATION W/2 SE SW

DRILLING Pickrell Drilling Company 660 Ft. from FSL Line and

CONTRACTOR ADDRESS 110 N. Market, Suite 205 1650 Ft. from FWL Line of  
Wichita, KS 67202 the SW (Qtr.) SEC32 TWP 23SRGE 21W.

PLUGGING Kelso Casing Pulling  
CONTRACTOR ADDRESS P. O. Box 176  
Chase, Kansas 67524

TOTAL DEPTH 4572' (LTD) PBTB 4360'

SPUD DATE 1-12-70 DATE COMPLETED 1-31-70

ELEV: GR 2370' DF 2372' KB 2375'

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

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

Amount of surface pipe set and cemented 272' 165 sx 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

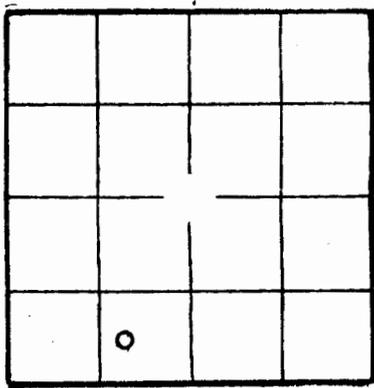
Amount and kind of material used	Depth interval treated
Acidized w/250 gallons mud acid.	4451-4464
Acidized w/1000 gal 15% SMD acid.	4422-4424 4379-4389
CONTINUED ABOVE.....	

Date of first production 1-31-70	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity
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RATE OF PRODUCTION PER 24 HOURS	Oil 100 bbls.	Gas MCF	Water Tr %	Gas-oil ratio bbls.	CFPS
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Disposition of gas (vented, used on lease or sold) Perforations See above.

State Geological Survey  
WICHITA BRANCH



(Office Use Only)  
KCC  
KGS  
SWD/REP  
PLG.

P.P.I.

WIS-ES-SE  
 SIDE TWO  
 OPERATOR Wickrell Drilling Company

ACO-1 WELL HISTORY

LEASE Gleason 'B' SEC. 32 TWP. 23S RGE. 21W

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
<p>DST #1, 4314'-4360', Op 1 hr, GTS in 65", TSTM. Rec. 1920' FL = 60' mdy oil, 1500' cln gsy oil, 240' gsy mdy oil, 120' gsy slightly mdy oil. SIP's 1404#-30", 1182#-30". FP's 268-645#.</p> <p>DST #2, 4364'-4425', Op 1 hr 40", rec. 230' mud, few spots of oil. SIP's 1685#-30", 1685#-60". FP's 71-121#.</p>			<p>Log Tops:</p> <p>Anhydrite            Heebner            Lansing            Marmaton            Ft. Scott            Cherokee            LTD</p>	<p>1443(+932)            3916(-1541)            4002(-1627)            4377(-2002)            4528(-2153)            4500(-2175)            4572(-2197)</p>
<p>ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD Cont from below....</p> <p>Acidized w/2250 gal 15% w/50 ball sealers.</p> <p>Acidized w/750 gal 15% w/diver. agent</p> <p>Acidized w/750 gal 15% HCL, pump 200# diverter, 1250 gal 15% HCL, flush with 110 bbls SW.</p>				<p>4308-12 &amp; 4316-22            4334-42 &amp; 4379-89            4308-12 &amp; 4316-22            4334-42            4308-12 &amp; 4316-22            4334-42</p>

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 3/4"	8 5/8"	10.5#	272'	Common	165	
Production	7 7/8"	5 1/2"	14.0#	4569'	50-50 poz Common	120 60	8# gilsonite/sx

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	3/8" jet	4308-12 & 4316-22
			4	3/8" jet	4334-42 & 4379-89
TUBING RECORD					
Size 2 3/8" OD	Setting depth 4405'	Packer set at	4	3/8" jet	4422-24 & 4451-64

GEOLOGICAL SOCIETY  
508 East Murdock  
Wichita, Kansas

ROTARY DRILLING LOG

32-23-21W  
W/2 SE SW

FEB 24 1970

Pickrell Drilling Company  
705 Fourth National Bank Bldg.  
Wichita, Kansas 67202

Rotary Drilling Commenced 1/12/70

Rotary Drilling Completed 1/23/70

LOCATION:

Gleason "B" 4, C W/2 SE SW Section 32-23S-21W,  
Hodgeman County, Kansas

EN 2375 FB  
105 BOPD MW

CONTRACTOR:

PICKRELL DRILLING COMPANY  
Wichita, Kansas

CASING RECORD:

Run 13 Jts. 8-5/8" surface casing set @ 272' KB. Cemented with 160 sacks. Completed 5 P.M. January 12, 1970. Circulated.

Run 14 Jts. 5-1/2" 14# casing set @ 4569'. Cemented w/120 sacks pozmix - 6% gel and 60 sacks common. Completed 3:40 PM January 23, 1970

LOG

(Figures indicate bottom of formation — measurements from top of rotary bushing.)

95	Clay & Lime Shells	<u>C. F. S.</u>
272	Shale	4350
600	Shale & Sand	4360
880	Red Bed & Shale	4425
905	Red Beds - Shale	4570
1075	Sand	
1442	Shale - Shells	
1466	Anhydrite	
1538	Shale - Shells	
2085	Shale w/Lime Streaks	<u>Slope Tests</u>
2400	Shale & Lime	2000
2880	Lime	2500
2980	Lime & Shale	3000
3383	Shale & Lime	3500
3500	Lime & Shale	4000
3735	Shale & Lime	4500
3980	Lime - Shale	
4570	Lime, RTD	

and date 1443

The undersigned C. W. Sebitts, Attorney-in-Fact for PICKRELL DRILLING COMPANY, hereby certifies in behalf of said Company, that the above is a true and correct log of the formation encountered in drilling the above well as reflected by the Daily Drilling Reports.