

AFFIDAVIT OF COMPLETION FORM ACO-1 WELL HISTORY

TYPE 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 # 5226 EXPIRATION DATE 6-30-83

OPERATOR Quinn Oil Production, Inc. API NO. 15-051-23,418

ADDRESS 1811 East 24th Street COUNTY Ellis

Hays, KS 67601 FIELD Wildcat DISTRICT 57 E.

\*\* CONTACT PERSON Glenn D. Diehl PROD. FORMATION Marmaton

PHONE (913) 625-7106

PURCHASER Koch Oil Company LEASE Armbrister

ADDRESS P.O. Box 2256 WELL NO. 1

Wichita, KS 67201 WELL LOCATION SW NW NE

DRILLING Abercrombie Drilling, Inc. 990 Ft. from North Line and

CONTRACTOR 801 Union Center 2310 Ft. from East Line of

ADDRESS Wichita, KS 67202 the NE (Qtr.) SEC 27 TWP 12 RGE 20 WEST

PLUGGING CONTRACTOR WELL PLAT (Office Use Only)

ADDRESS KCC [checked] KGS [checked]

TOTAL DEPTH 3900 PBTD SWD/REP PLG.

SPUD DATE 4-21-83 DATE COMPLETED 4-30-83

ELEV: GR 2181 DF KB 2186

DRILLED WITH [rotary] (ROTARY) [tools] TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-28252.

Amount of surface pipe set and cemented 243.05' DV Tool Used? NO, port. collar 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

Glenn D. Diehl, 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.

[Signature of Glenn D. Diehl] (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 23rd day of MAY, 1983.

JENNIFER URBAN NOTARY PUBLIC STATE OF KANSAS My Appt. Expires 2-9-85

[Signature of Jennifer Urban] (NOTARY PUBLIC)

MY COMMISSION EXPIRES:

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

RECEIVED STATE CORPORATION COMMISSION 5-26-1983 MAY 26 1983

SIDE TWO

Well #1 ACO-1 WELL HISTORY

OPERATOR Quinn Oil Production LEASE Armbrister SEC. 27 TWP. 12 RGE. 20W

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
Sand & Shale	0	253	Log tops:	
Shale	253	656	Anhydrite	1573 + 613
Sand & Shale	656	1060	Base Anhy.	1612 + 574
Sand	1060	1270	Topeka	3247 -1061
Shale	1270	1567	Heebner	3478 -1292
Anhydrite	1567	1615	Toronto	3499 -1313
Shale	1615	3465	Lansing	3518 -1332
Shale & Lime	3465	3900	Base K.C.	3764 -1578
Rotary Total Depth	3900		Marmaton	3810 -1624
			Conglomerate	3841 -1655
			Arbuckle	NOT REACHED
			RTD	3900 -1714
			LTD	3898 -1712
			Logs run:	
			Welex: Gamma Guard Side-	
			wall Neutron, Micro-	
			Seismogram-Cased Hole	
DST (1) 3815-3838 (Marmaton)/30-60-30-60, Recovered 85 feet Clean Oil, 207 feet Oil Cut Mud (35% oil, 15% gas, 50% mud), 93 feet Muddy Salt Water, SIP 1174-1174, FP 32-85/106-159, HP 2014-2014, Temp 123°F, Gravity of oil 35.3°, Chlorides of water 32,593.				
May 1 Welex ran bond and correlation log.				
May 2 D-B-S Cable Tools rigged up on location. Swabbed hole dry, 250 gal. 15% HCl acid 1 gal. A-200 inhibitor, 1 gal F-75 N surfactant, 1 gal m-38W silicate control agent, 20 bbls KCl water. Perf. in acid, Marmaton with 8 holes from 3817-3824. Left overnight.				
May 3 Ran Swab, fluid level 2900' from surface. 75' heavy mud and muddy water on pull #1. Swab well down, dried up. Acidize with 750 gal. MSR. 15%, 2 gal. A-200, 5 gal T.F.A.-380. Swab load back (104 bbls). Went to thirty minute tests. Swab 2½ bbls per hour-80% oil 20% acid water.				
May 4 Fluid level 1200'-swab well down. Had good natural gas and 850' gassy oil, 400' acid water. Acidize with 3000 gal 15% HCl. Swab load back, swab test, 30 min tests, 12 bbls. per hour 33% oil 67% acid water.				
May 5 Fluid level 1800'. Swab well down to 350' off bottom. Test-1 pull per hour for 8 hours. 6 bbls per hour, 38% oil.				

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"	24#	249.05'	Common	160	2% gel, 3% c.c.
Production	7 7/8"	5½"	14#	3887.29'	Chem. Fl.	500g	
					60-40 pos.	25	3% c.c.
					RFC	100	

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1		3817-3824
TUBING RECORD					
Size	Setting depth	Packer set at	2		3842-3846
2 3/8"	3½' off bottom				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal 15% HCl, 750 gal 15%, 3,000 gal 15% HCl	3817-3824
400 sacks 60-40 pos, 4% gel	Port collar @ 1570 to surface

Date of first production May 19, 1983	Producing method (flowing, pumping, gas lift, etc.) pumping	Gravity 35.3°
RATE OF PRODUCTION PER 24 HOURS	Oil 30 bbls.	Gas MCF 70 bbls.
	Water %	Gas-oil ratio CFPB

Disposition of gas (vented, used on lease or sold) Perforations 3817-3824, 3842-3846

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Quinn Oil Production, Inc. LEASE NAME Armbrister \* 1 SEC. 27 TWP. 12S RGE. 20W

## FILL IN WELL LOG AS REQUIRED:

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

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
May 6 Fluid level 1800'. Welex perf Conglomerate at level at 1850'. Tallied tubing and 32' and ran 16' subs. Set packer,		3842-3846	2 shots per foot. Fluid ran tubing and packer to 3850. Spot acid, pull could not get pressure-had leak on annulus side.	
May 7 Pulled tubing and packer. Painted tubing, could not find leak. Had packer men break packer down, no leaks, shut down.				
May 9 Ran tubing packer and had Great Bend Hydro Test test tubing to 6,000#. Pull swab, set packer, zones are channeled.				
May 10 Fluid level 1850'. Swab down, swab test 12 bols. per hour, 50% oil, rig down.				
May 12 Triangle Well Service rigged up. Ran Ret. plug to 3650'. Fluid level was 1250' from surface. Ran tubing to 2700' to circulate oil from casing. Sun Oil Well Cementing two staged well with 400 sks 60-40 poz., 4% gel. Circulated 8 bbls. into pit. Washed out tubing, closed port collar, would not lock. Ran 4 joints of tubing, circulated hole clean. Pulled tubing, shut down.				
May 13 Swab hole down to 1500', went down and pulled ret. plug. Ran rods and tubing. Mud anchor 16.6"- 1 sub. 12' - 12' 1 1/2" B.H.D. pump, 120 joints 2 3/8" tubing, 152 3/4" rods. Well T.D. 3870. Tubing spaced 3 1/2" off bottom.				