

300



ATTENTION: MR. TOM LEIKER

34-27-19W

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

Compt. _____

Recompletion of gas well.

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.

F 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.

with Original 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. No Log

LICENSE # 6724 EXPIRATION DATE 06/30/83

OPERATOR CINCO EXPLORATION COMPANY API NO. 15-097-20915

ADDRESS P. O. Box 3723 COUNTY Kiowa

Victoria, Texas 77903 FIELD Wildcat

** CONTACT PERSON Melvin Klotzman PROD. FORMATION Mississippi

PHONE 1-800-531-3640

PURCHASER Koch LEASE Pyle

ADDRESS P. O. Box 2256 WELL NO. 1

Wichita, Kansas 67201 WELL LOCATION NE

DRILLING H-30 Incorporation 1320'Ft. from North Line and

CONTRACTOR 251 North Water, Suite 10 1230'Ft. from East Line of

ADDRESS Wichita, Kansas 67202 the NE (Qtr.) SEC 34 TWP 27 RGE 19 (W).

PLUGGING N/A WELL PLAT

CONTRACTOR (Office Use Only)

ADDRESS KCC

KGS ☒

SWD/REP
PLG. _____

TOTAL DEPTH 5065' PBTB 5005'

SPUD DATE 10/23/83 DATE COMPLETED 11/02/83

ELEV: GR 2258 DF KB 2271

DRILLED WITH ~~(WABIX)~~ (ROTARY) ~~(WABIX)~~ TOOLS.

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

Amount of surface pipe set and cemented 534' DV Tool Used? _____

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

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used				Depth interval treated	
500 gallons 15% HC + NE + Clay Stabilizer				4826'-34'	
Foam Frac With 15,000# Sand, 24,000 Gallons 2% KCL & 559,000					
SCF Nitrogen.				4826'-34'	
1550 Gallons 15% HCL + NE + Clay Stabilizer				4228'-38'GR	
500 Gallons 15% HCL + NE + Clay Stabilizer				4778'-82'GR	
Date of first production		Producing method (Flowing, pumping, gas lift, etc.)		Gravity	
02/19/83		Flowing		36.2	
Estimated Production -I.P.	Oil	Gas	Water	Gas-oil ratio	
	36	375	85	5555	CFPB
Disposition of gas (vented, used on lease or sold)			Perforations		

* ZONES TESTED GAS ISOLATED BY PACKERS (2).

4778'-82'GR

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.

DRILLER'S LOG

Shale & Sand & Clay	0'	535'	Anhydrite	1225'
Shels & Sand	535'	700'	Heebner	4068'
Shale	700'	1225'	Toronto	4084'
Shale & Anhydrite	1225'	2120'	Douglas	4096'
Shale & Lime	2120'	2595'	Br. Lime	4218'
Lime & Shale	2595'	4920'	Lansing/Kansas City	4224'
Lime	4920'	5065'	Base/Kansas City	4584'
			Cherokee	4739'
			Mississippi	4789'
			Kinderhook	4966'
			Kinderhook Sand	4974'
			Viola	5012'

Ran Triple Combo from 5059' to 3800'

DST #1: Interval - 4282'-4316' (Lansing), Time - 30/30/30/30 minutes, IH - 2093 PSI, FH - 2083 PSI, IF - 21/41 PSI, ISIP - NR, FF - 175/175 PSI, FSIP - 1366 PSI.
 Recovery: 300' of mud.

DST #2: Interval - 4736'-4790' (Cherokee), Time - 30/45/30/60 minutes, IH - 2288 PSI, FH - 2348 PSI, IF - 476/400 PSI, ISIP - 1535 PSI, FF - 400/374 PSI, FSIP - 1484 PSI,
 Recovery: Gas and 240' oil cut mud. 1500 MCF/Day Rate.

DST #3: Interval - 4828'-4844' (Mississippi), Time - 30/60/60/120 minutes, IH - 2390 PSI, FH - 2370 PSI, IF - 42/92 PSI, ISIP - 1530 PSI, FF - 72/103 PSI, FSIP - 1509 PSI
 Recovery: 145' gas cut mud with trace of oil.

Changes & Remarks

Well previously completed as a shut-in gas well. Gas zone is now isolated by packers (2) at 4790' and 4767', Perforated from 4228'-38' and 4778'-82' are shut-in on annulus side. Zone 4826'-34' test is shown below. Refer to original ACO-1

If additional space is needed use Page 2, Side 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"	24#	534'	Lite Wt. Class "H"	250 100	3% CaCl ₂ 2% Gel + 3% CaCl ₂
Production	7 7/8"	4 1/2"	10.5#	5058'	Lite Wt. Class "A"	75 130	5#/sack Gilsonite 9 Gal./Sack Latex

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth Interval

TUBING RECORD

Size	Setting depth	Packer, type	Shots	Size & type	Depth Interval
2 3/8"	4790'	Model "R" 4757'	*2	3 1/8" Csg. Gun	(Producing Zone) 4826'-34' EL-GR
		Model "D" 4790'	*4	3 1/8" Csg. Gun	4228'-38' GR
				1 9/16" Tbg. Gun	4778'-82' GR

STATE OF KANSAS - CORPORATION COMMISSION
MULTIPOINT BACK PRESSURE TEST

FORM CG-1

34-27-194

TYPE TEST: ☒ Initial ☐ Annual ☐ Special **TEST DATE:** 12/03/82

COMPANY Cinco Exploration Company **LEASE** Pyle **WELL NO.** 1

COUNTY Kiowa **LOCATION** 1320 FNL & 1320 FEL **SECTION** 34 **TWP** 27S **RNG** 19W **ACRES** 640

FIELD Wildcat **RESERVOIR** Cherokee **PIPELINE CONNECTION** None

COMPLETION DATE 12/3/82 **PLUG BACK TOTAL DEPTH** 4982 **PACKER SET AT** 4620

CASING SIZE 4 1/2" **WT.** 10.5 **ID** **SET AT** 5058 **PERF.** 4778 **TO** 4782

TUBING SIZE 2 3/8" **WT.** 4.7 **ID.** **SET AT** 4668 **PERF.** **TO**

TYPE COMPLETION (Describe) Single **TYPE FLUID PRODUCTION** Gas

PRODUCING THRU Tubing **RESERVOIR TEMPERATURE F** 110 **BAR PRESS - P_a** 14.4 Psia

GAS GRAVITY - G_g .683 **% CARBON DIOXIDE** 0 **% NITROGEN** 0 **API GRAVITY OF LIQUID** Dry

VERTICAL DEPTH (H) 4780 **TYPE METER CONN.** None **(METER RUN) (PROVER) SIZE** 2"

REMARKS
Packer at 4627' Had to pull well in excess of 75% of SITP due to freezing.

OBSERVED DATA

DURATION OF SHUT-IN 24 HR.

RATE NO.	ORIFICE SIZE in.	(METER) (PROVER) PRESSURE psig	DIFF. (h _w) (h _d)	FLOWING TEMP. t	WELL-HEAD TEMP. t	CASING WELLHEAD PRESS.		TUBING WELLHEAD PRESS.		DURATION HOURS	LIQUID PROD. Bbls.
						psig	(P _w)(P _i)(P _c) psia	psig	(P _w)(P _i)(P _c) psia		
SHUT IN								1360	1374.4		
1	1.00	27		40	72			1060	1074.4	1	
2	1.00	38		45	72			980	994.4	1	
3	1.00	50		49	72			910	924.4	2	
4	1.00	59		52	72			850	864.4	2	
5											

RATE OF FLOW CALCULATIONS

RATE NO.	COEFFICIENT (F _d)(F _p) Mcfd	(METER) (PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m \pm h_w}$	GRAVITY FACTOR F _g	FLOWING TEMP FACTOR F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW Q Mcfd	GOR	Q _m
1	17.53	41.4		1.21	1.020	1.005	900	Dry	
2	17.53	52.4		1.21	1.015	1.005	1134	Dry	
3	17.53	64.4		1.21	1.011	1.01	1395	Dry	
4	17.53	73.4		1.21	1.008	1.01	1585	Dry	
5									

PRESSURE CALCULATIONS

RATE NO.	P _t psia	P _c psia	P _w psia	(P _c) ² THOUSANDS	(P _w) ² THOUSANDS	PLOTING POINTS		100 $\left[\frac{P_w - P_a}{P_c - P_a} \right]$
						(P _c) ² - (P _w) ² THOUSANDS	Q Mcfd	
1	1074.4	1374.4	1074.4	1889	1154	735	900	78
2	994.4	1374.4	994.4	1889	989	900	1134	72
3	924.4	1374.4	924.4	1889	855	1034	1395	67
4	864.4	1374.4	864.4	1889	747	1142	1585	63
5								

INDICATED WELLHEAD OPEN FLOW 2550 **Mcfd @ 14.65 psia** **"N"** 1.07

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Executed this the 10th day of January, 19 83.

Mario Davento
Witness (if any)

[Signature]
For Company