

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.

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.

C 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 # 6724 EXPIRATION DATE 6-30-83

OPERATOR Cinco Exploration Co. API NO. 15-097-20,924-0000

ADDRESS P. O. Box 3723 COUNTY Kiowa

Victoria, Texas 77903 FIELD Wildcat

** CONTACT PERSON Melvin Klotzman PROD. FORMATION Miss. Osage
PHONE (512) 573-2416

PURCHASER LEASE Pyle "B"

ADDRESS WELL NO. #1

DRILLING BEREDECO INC. WELL LOCATION NE NE NE

CONTRACTOR 401 E. Douglas, Suite 402 330 Ft. from north Line and

ADDRESS Wichita, Kansas 67202 660 Ft. from east Line of

the NE (Qtr.) SEC 3 TWP 28S RGE 17W

PLUGGING WELL PLAT (Office Use Only)

CONTRACTOR ADDRESS

ADDRESS

TOTAL DEPTH 4850 PBTD 4750

SPUD DATE 11/28/82 DATE COMPLETED 12/17/82

ELEV: GR 2157 DF KB 2169

DRILLED WITH (XXX) (ROTARY) (XXX) TOOLS.

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

Amount of surface pipe set and cemented 454 DV Tool Used? No.

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. STATE CORPORATION COMMISSION

A F F I D A V I T

JAN 17 1983
1-17-83
CONSERVATION DIVISION
Wichita, Kansas

MELVIN KLOTZMAN, 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.

SUBSCRIBED AND SWORN TO BEFORE ME this 14th day of January, 1983.

(Name)

1983

MY COMMISSION EXPIRES: 12-07-84

(NOTARY PUBLIC)

DORIS DAVENPORT

Notary Public, Victoria County, Texas

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

OPERATOR Cinco Exploration Co. LEASE Pyle "B" SEC. 3 TWP. 28S RGE. 17W

FILL IN WELL INFORMATION AS REQUIRED: WELL NO. #1

Show all important zones of porosity and contents thereof; corrod 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 Red Bed & Lime	0	460	Heebner	3995
Red Bed & Shale	460'	1470	Toronto	4008
Shale & Lime	1470'	2016'	Douglas	4022
Lime & Shale	2016'	4676'	Iatan	4144
Lime	4676'	4700'	Lansing	4160
Lime & Chert-Sand	4700'	4770'	Kansas City	4241
Lime±	4770'	4850'	Base/Kansas	4516
			Marmaton	4534
			Cherokee	4652
TOTAL ROTARY DEPTH 4850'			Cherokee Sd.	4676
			Miss. Osage	4694
DST #1 4139-4163 (Lansing) 30/60/45/90			Kinderhook Sd	4734
IH - 2098 FH - 2001 IF - 56/56 ISIP - 389			Kinderhook Sd	4762
FF - 56/69 FSIP - 665			Viola	4822
Recovery: 90' mud, no shows				
DST #2 4655-4676 Cherokee 30/60/45/90				
IH - 2348 FH - 2348 IF - 42/28				
ISIP - 83 FF - 42/42 FSIP - 69				
Recovery: 15' mud, no shows				
DST #3 4661-4700 (Cherokee-Miss.)				
30/60/45/90 IH - 2237 FH - 2237				
IF - 56/70 ISIP - 1561 FF - 56/83				
FSIP - 1561				
Recovery: 285' of gas cut mud, 47 MCF on 1st flow, 95 MCF on 2nd flow				

Ran GR Induction Log from 4848 to 454. Ran Neutron Density from 4848 to 2277 with Cyberlook.

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#	454	Lite	250	3% CC
					Class H	100	2% Gel, 3% CC
Production	7-7/8"	4 1/2"	10.5#	4849	Class H	50	5# Gilsonite per sack
					Lite	125	.9 gal. latex per sk, 2% CC in water

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	3 1/8" Csg. gun	4764-68, 4770-73, 4775-79'
TUBING RECORD			2	3 1/8" Csg. gun	4715-24
Size	Setting depth	Packer set at	BP At 4758'-4764'-68' Non Commercial		
2 3/8"	4700'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1500 gal. HCL + N.E. + Clay stabilizer	4764-4779
1000 gal. HCL & Frac w/33,500 gal. foam (N ₂) 25,550# sand	4715-4724

Date of first production 12/17/82	Producing method (flowing, pumping, gas lift, etc.) Flowing	Gravity (Gas) .650
Estimated Production -I.P. Oil 0 bbls.	Gas 331 MCF	Water % 4 bbls.
Disposition of gas (vented, used on lease or sold) Waiting on pipeline		Gas-oil ratio No oil CFPB
Perforations 4715-24' GR.		

STATE OF KANSAS - CORPORATION COMMISSION
MULTIPOINT BACK PRESSURE TEST

FORM CG-1

TYPE TEST: Initial Annual Special TEST DATE: 12/19/82

COMPANY: Cinco Exploration Company LEASE: Pyle "B" WELL NO.: 1

COUNTY: Kiowa LOCATION: 330 FNL & 660 FEL SECTION: 3 TWP: 28 RNG: 17W ACRES: 640

FIELD: Wildcat RESERVOIR: Miss. Osage PIPELINE CONNECTION: None

COMPLETION DATE: 12/17/82 PLUG BACK TOTAL DEPTH: 4750' PACKER SET AT: None

CASING SIZE: 4 1/2" WT.: 10.5# ID: SET AT: 4849 PERF.: 4715 TO: 4724

TUBING SIZE: 2 3/8" WT.: 4.7# ID: 1.995 SET AT: 4656 PERF.: TO:

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

PRODUCING THRU: Tubing RESERVOIR TEMPERATURE F: 114 BAR PRESS - P_a: 14.4 Psia

GAS GRAVITY - G_g: 650 RECEIVED STATE CORPORATION COMMISSION N/A % NITROGEN: N/A API GRAVITY OF LIQUID (saltwater):

VERTICAL DEPTH (ft): 4720 TYPE METER CONN.: Flange taps (METER RUN) (PROVER) SIZE: 3"

REMARKS: JAN 17 1983

CONSERVATION DIVISION
Wichita, Kansas

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						922	936.4				
1	1.25	50	30	60	60	745	759.4	570	584.4	3	5 water
2	1.25	50	18	60	60	805	819.4	665	679.4	3	4 water
3	1.25	50	13	60	60	836	850.4	760	774.4	3	3.5 water
4	1.25	50	11	60	60	850	864.4	750	764.4	3	3 water
5											

RATE OF FLOW CALCULATIONS

RATE NO.	COEFFICIENT (F _b)(F _p) Mcfd	(METER) (PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m \times h_w}$	GRAVITY FACTOR F _g	FLOWING TEMP FACTOR F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW Q Mcfd	GOR	Q _m
1	7.771	64.4	43.95	1.24	1.00	1.009	427	Dry	
2	7.771	64.4	34.05	1.24	1.00	1.009	331	Dry	
3	7.771	64.4	28.93	1.24	1.00	1.009	281	Dry	
4	7.771	64.4	26.62	1.24	1.00	1.009	259	Dry	
5									

PRESSURE CALCULATIONS

RATE NO.	P _i 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	584.4	936.4	759.4	876.8	576.7	300.1	427	81%
2	679.4	936.4	819.4	876.8	671.4	205.4	331	87%
3	774.4	936.4	850.4	876.8	732.2	153.6	281	91%
4	764.4	936.4	864.4	876.8	747.2	129.6	259	92%
5								

INDICATED WELLHEAD OPEN FLOW 830 Mcfd @ 14.65 psia .625

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 13th day of January, 1983.

Witness (if any)

For Company

For Commission

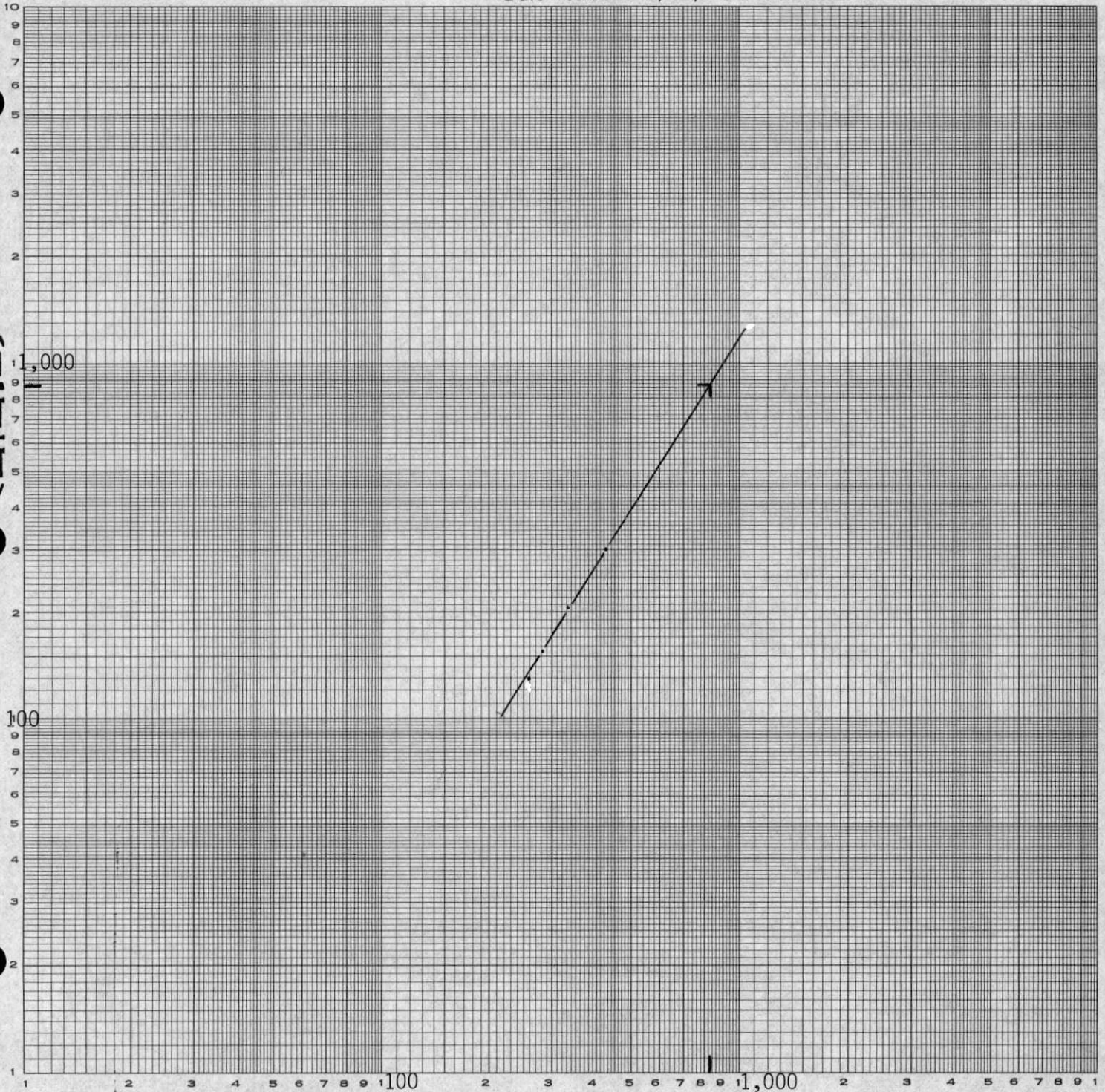
Checked by

**GAS WELL
BACK PRESSURE CURVE**

County Kiowa Field Wildcat
 Operator Cinco Exploration Company
 Lease Pyle B Well No. 1
 Volume 830 MCF/24 hr.
 Date Tested 12/19/82

DIETZGEN CORPORATION
MADE IN U.S.A.

NO. 34D-L33 DIETZGEN GRAPH PAPER
LOGARITHMIC
3 CYCLES X 3 CYCLES



← Q in MCF per DAY →

$\theta = 58$

$n = .625$