3-28-17W

TYPE AFFIDAVIT OF COMPLETION FORM ACO-1 WELL HISTORY

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

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 State Geological Survey LEASE Pyle "B"

ADDRESS WICHITA BRANCH WELL NO. #1

WELL LOCATION NE NE NE

DRILLING CONTRACTOR BEREDCO INC. 330 Ft. from north Line and

ADDRESS 401 E. Douglas, Suite 402 660 Ft. from east Line of

Wichita, Kansas 67202 the NE (Qtr.) SEC 3 TWP 28S RGE 17W

PLUGGING CONTRACTOR ADDRESS

WELL PLAT (Office Use Only)

KCC ____
KGS ____
SWD/REP ____
PLG. ____

TOTAL DEPTH 4850 PBTD 4750

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

ELEV: GR 2157 DF ____ KB 2169

DRILLED WITH (CABLE) (ROTARY) X(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 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.

RECEIVED
STATE CORPORATION COMMISSION
JAN 17 1983
CONSERVATION DIVISION
Wichita, Kansas

A F F I D A V I T

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.

(Name)

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

Doris Davenport
(NOTARY PUBLIC)
DORIS DAVENPORT
Notary Public, Victoria County, Texas

COMMISSION EXPIRES: 12-07-84

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

ACO-1 WELL HISTORY

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; 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 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 IH - 2098 FH - 2001 IF - 56/56 ISIP - 389 FF - 56/69 FSIP - 665 Recovery: 90' mud, no shows			Kinderhook Sh	4734
			Kinderhook Sd	4762
			Viola	4822
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			Ran GR Induction Log from 4848 to 454. Ran Neutron Density from 4848 to 2277 with Cyberlook.	
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				

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#	454	Lite	250	3% CC
					Class H	100	2% Gel, 3% CC
Production	7-7/8"	4½"	10.5#	4849	Class H	50	5# Gilsonite per s.
							.9 gal. latex per
					Lite	125	2% CC in water

LINER RECORD		
Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD		
Size	Setting depth	Packer set at
2 3/8"	4700'	

PERFORATION RECORD		
Shots per ft.	Size & type	Depth interval
2	3 1/8" Csg. gun	4764-68,4770-73,477
2	3 1/8" Csg. gun	4715-24
BP At 4758'-4764'-68' Non Commercial		

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	Producing method (flowing, pumping, gas lift, etc.)	Gravity
12/17/82	Flowing	(Gas) .650

Estimated Production -I.P.	Oil	Gas	Water %	Gas-oil ratio
	0 bbls.	331 MCF	4 bbls.	No oil CFPB

Disposition of gas (vented, used on lease or sold)	Perforations
Waiting on pipeline	4715-24' GR

3-32-1dm

3-28-17W

STATE OF KANSAS – CORPORATION COMMISSION

FORM CG-1

MULTIPOINT BACK PRESSURE TEST

TYPE TEST: [X] Initial [ ] Annual [ ] Special TEST DATE: 12/19/82

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

COUNTY	LOCATION	SECTION	TWP	RNG	ACRES
Kiowa	330 FNL & 660 FEL	3	28	17W	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	WT.	ID	SET AT	PERF.	TO
4½"	10.5#		4849	4715	4724

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

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
% CARBON DIOXIDE: N/A
% NITROGEN: N/A
API GRAVITY OF LIQUID: (saltwater)

VERTICAL DEPTH(H): 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. psig	CASING WELLHEAD PRESS. $(P_w)(P_t)(P_c)$ psia	TUBING WELLHEAD PRESS. psig	TUBING WELLHEAD PRESS. $(P_w)(P_t)(P_c)$ psia	DURATION HOURS	LIQUID PROD. Bbls.
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 $\sqrt{P_m x h_w}$	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_t psia	P_c psia	P_w psia	$(P_c)^2$ THOUSANDS	$(P_w)^2$ THOUSANDS	PLOTTING POINTS $(P_c)^2-(P_w)^2$ THOUSANDS	PLOTTING POINTS Q Mcfd	% SHUT-IN $100\left[\frac{P_w-P_a}{P_c-P_a}\right]$
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 "n"

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

3-28-17w PI

GAS WELL

BACK PRESSURE CURVE

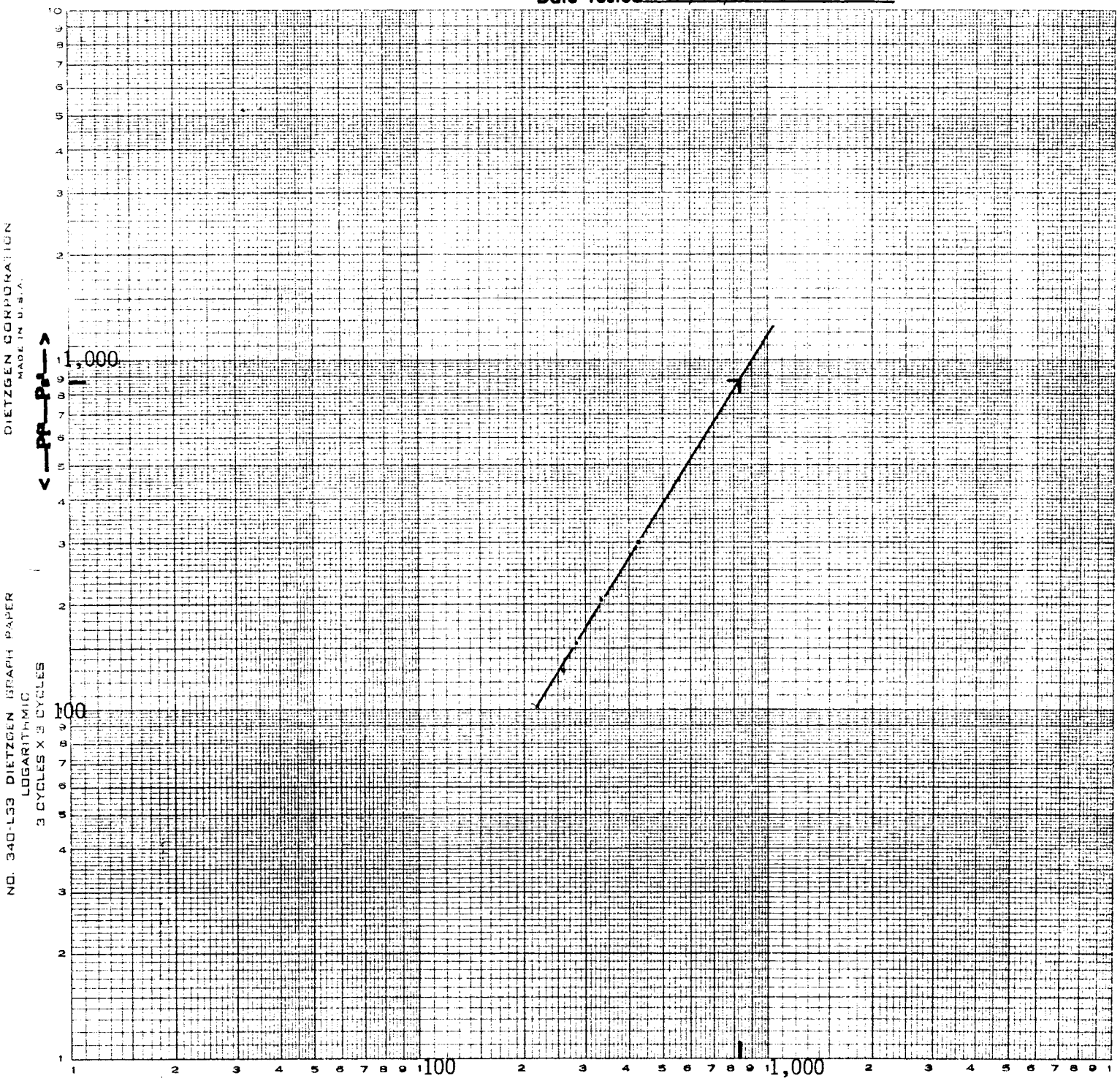
County Kiowa Field Wildcat

Operator Cinco Exploration Company

Lease Pyle B Well No. 1

Volume 830 MCF/24 hr.

Date Tested 12/19/82



θ = .58 n = .625

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JAN 17 1983

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Wichita, Kansas