22-2-30W

KANSAS

State Geological Survey
WICHITA BRANCH

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 039 — 20,522
County — Number

S. 22 T. 2S R. 30 ~~XX~~ W

Loc. C SE NE

County Decatur

640 Acres
N

Locate well correctly

Elev.: Gr. 2863

DF _____ KB 2870

Operator	Cherokee Petroleum
Address	410 - 17th Street, Suite 2300, Denver, CO 80202
Well No.	1
Lease Name	W. W. Anderson
Footage Location	660 feet from ~~XXX~~(S) line; 660 feet from (E) ~~XXX~~ line
Principal Contractor	Banner Drilling
Geologist	David Shumaker
Spud Date	8/18/80
Date Completed	11/25/80
Total Depth	4100
P.B.T.D.	
Directional Deviation	
Oil and/or Gas Purchaser	P&O Falco

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

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	11¼	8-5/8	24	259	Reg	190	60-40, 3% cacl.
Production	7-7/8	4½	9.5	4099	Posmix	200 200	50-50, 3% gel 60-40, 10% salt 2% gel

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4	Jet	3856-59
4	Jet	4044-50

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal acid, no fluid, no oil. BP @ 4020	4044-50
500 gal acid, 28% MCA, Baker retrievable @ 3920'	3856-59

INITIAL PRODUCTION

Date of first production	10/29/80
Producing method (flowing, pumping, gas lift, etc.)	Swabbing 1/2 bbl hour 50% oil.

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	6 bbls.	none MCF	6 bbls.	CFPB

Disposition of gas (vented, used on lease or sold)

Producing interval(s) 3856-59

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Cherokee Petroleum	

Well No.	Lease Name	
1	W. W. Anderson	Oil

S 22 T 2S R 30 ~~E~~ W

WELL LOG

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
Topeka	3647		See attached for DST #1, 2 & 3.	
Oread	3795	3800		
Lansing-KC	3857	3864		
"B" zone	3895	3906		
"C" zone	3941	3960		
"D" zone	3973	3978		
"E" zone	4017	4024		
"F" zone	4044	4054		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Courtney E. Cook
Signature

Courtney E. Cook
Vice President - Operations
11/25/80
Date

2511

DRILL STEM TEST:

Drill Stem Test #1 3805-3856

22-2-30w

Time: Open 15 min.; Shut in 30 min.; Open 30 min.; Shut in 60 min.

Blow: Initial - weak blow died in 15 min.
Final - no blow

Recovered: 35 feet of mud with a few specks of oil

IHMP:	1939#	IFP:	32 to 32
ISIP:	163#	FFP:	32 to 32
FSIP:	196#	BHT:	N.A.
FHMP:	1939#		

Mud wt. 9.4 vis. 49 wl. 8.0

DRILL STEM TEST #2 3861-3896

Time: Open 15 min.; Shut in 30 min.; Open 30 min.; Shut in 60 min.

Blow: Initial - weak blow
Final - blow died in 5 min.

Recovery: 60 feet oil specked mud

IHMP:	1989#	IFP:	32 to 54
ISIF:	87#	FFP:	54 to 65
FSIP:	109#	BHT:	N.A.
FHMP:	1979#		

Mud wt. 9.4 vis. 49 wl. 8.0

DRILL STEM TEST #3 3806-3866 (Straddle Test)

Miss run

No Recovery

When going in the hole with this test, the tool encountered tight spots at approximately 700' and circulation was lost. It was decided to abort DST #3 because of the poor condition of the hole.

BIT RECORD

	SIZE	MAKE	TYPE	DEPTH OUT	HRS.	FEET
1.	7 7/8	Hughes	OSC3AJ	1725'	19	1725'
2.	7 7/8	Hughes	OSC3J	2500'	17 1/2	507'
3.	7 7/8	Hughes	J - 3	3242'	41 1/2	742'
4.	7 7/8	Hughes	J - 3	3561'	23 1/2	319'
5.	7 7/8	Hughes	J - 22	3856'	30 1/2	295'
6.	7 7/8	Hughes	J - 22	3856'	5	30.5'
7.	7 7/8	Hughes	J - 22	4100'	26 3/4	264'

15/32 Jets NOTE: The above is taken from the rig bit record as is.

State Geological Survey
WICHITA, BRANCH

22-2-30W
et. al. gud

ANDERSON #1 C/SE/NE Sec. 22, Twp. 2-South, Rg. 30-West, Decatur Co. KS

Surface Pipe- 8 5/8" set @ 259', cemented with 195 sks. 60/40 pos.

Long String - 4½" set @ 4110.38' cemented with 200 sks. 60/40 pos., 200 sks. 50/50 pos.

RTD 4100'

PBTD 4077'

Perfs: 3856-59' LKC
3873-76' D-zone
4044-50' F-zone

MULLER #1 SE/SE/NW SEc. 34, Twp. 3-South, Rg. 29-West, Decatur Co. KS

Surface Pipe- 8 5/8" set @ 212', cemented with 150 sks. 60/40 pos.

Long String - 4½" set @ 4226.85', cemented with 150 sks. 50/50 pos., 180 sks. 60/40 pos

RTD 4790'

PBTD 4239'

Perfs: 3924-28' LKC
3992-96' C-zone
4000-02' C-zone
4065-71 E-zone

HANCHETT #2 C E/2NW/SE Sec. 17, Twp. 4-South, Rg. 18-West, Phillips Co. KS

Surface Pipe- 8 5/8" set @ 219', cemented with 180 sks. 60/40 pos.

Long String - 5½" set @ 3466', cemented with 300 sks. 60/40 pos.

RTD 3598'

PBTD 3402'

Perfs: 3156-60' Toronto
3174-78' A-zone
3212-18' B-zone
3234-38' C-zone
3250-53' C-zone
3256-58' C-zone
3273-77' D-zone
3302-06' E-zone
3308-12' E-zone
3326-30' F-zone
3345-49' G-zone
3369-73' H-zone

RECEIVED
STATE CORPORATION COMMISSION
MAR 26 1987
CONSERVATION DIVISION
Wichita, Kansas

THOMPSON #1 150' SW/C/SW/NE Sec. 29, Twp. 2-South, Rg. 28-West, Decatur Co. KS

Surface Pipe- 8 5/8" set @ 222', cemented with 100 sks. 60/40 pos.

Long String - 4½" set @ 3820.03', cemented with 240 sks. 50/50 pos., 360 sks. 60/40 pos

RTD 4201'

Perfs: 3488-90' Oread
3530-34' Toronto
3541-44' A-zone
3542-48' A-zone
3574-78' B-zone
3616-18' C-zone
3627-29' C-zone
3647-50' D-zone
3712-14' E-zone
3718-20' F-zone