

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5103
 Name F. & M. OIL CO., INC.
 Address 422 Union Center
 Wichita, Kansas 67202
 City/State/Zip 7

Purchaser: Clear Creek, Inc.
 Wichita, Kansas 67202

Operator Contact Person Debra FitzGerald
 Phone (316) 262-2636

Contractor: License # 5103
 Name Union Drilling Co., Inc.

Wellsite Geologist Phil Askey
 Phone (316) 262-2636

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp
☐ Dry ☐ Other (Core, Water Supply, etc.)

If OWWO: old well info as follows:

Operator
 Well Name
 Comp. Date Old Total Depth.....

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

..... 12-13-84 12-28-84 3-26-85
 Spud Date Date Reached TD Completion Date
 4500' 4491'
 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 341 feet
 Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set feet

If alternate 2 completion, cement circulated

API NO. 15-..... 185-22,134
 County..... Stafford
 Appx. N/2 NW SW Sec. 19 Twp. 25S. Rge. 14W ☐ East
 ☒ West

..... 2310 Ft North from Southeast Corner of Section
 4620 Ft West from Southeast Corner of Section
 (Note: Locate well in section plat below)

Lease Name..... Chadd "A" Well #..... 1

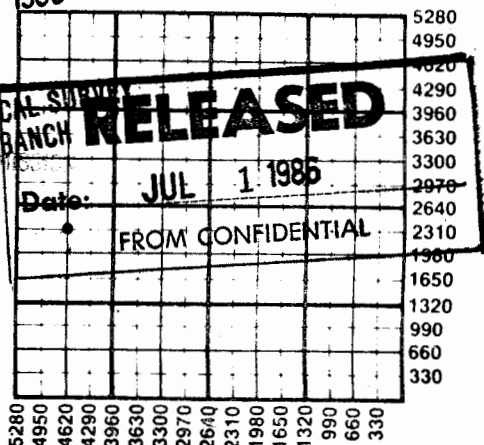
Field Name..... ~~WG~~ Moody, South

Producing Formation..... Lansing

Elevation: Ground..... 1989' KB..... 1999'

Section Plat

JUL 10 1986



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☒ Disposal
 Docket # D-20,775
 Jarboe #3 ☐ Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: Pumped from farmers pond.

Division of Water Resources Permit #.....

☐ Groundwater..... Ft North from Southeast Corner
 (Well) Ft West from Southeast Corner of
 Sec Twp Rge ☐ East ☐ West

☐ Surface Water..... Ft North from Southeast Corner
 (Stream, pond etc)..... Ft West from Southeast Corner
 Sec Twp Rge ☐ East ☐ West

☐ Other (explain).....

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	7	---	30	---	37.8°
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☒ Perforation
☐ Solid ☐ Other (Specify)
☐ Used on Lease

has been fully completed with and the statements herein are complete and correct to the best of the knowledge of the operator.

3902-3910

3790-3800

4020-4100 3995-4000

SIDE TWO

Operator Name F & M OIL CO., INC. Lease Name..... Chadd "A" Well #..... 1.

Sec. 19 Twp. 25S Rge. 14W ☐ East ☐ West County..... Stafford

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No
 Samples Sent to Geological Survey ☒ Yes ☐ No
 Cores Taken ☐ Yes ☒ No

0 1835 Red Bed & Shale
 1835 2200 Shale
 2200 4500 Lime & Shale
 4500 RTD

DST#1 3782-3802', Lns. "B"

30-30-30-30, stg blow in 2" on both opns, rec 580' GIP, 200' HGM w/oil spts, IFP 72-72#, ISIP 206#, FFP 92-92#, FSIP 278#.

DST#2 3907-3920', Lns. "H"

30-45-60-45, fr blow 5 inches on 1st opn, fr to gd blow 8 inches on 2nd opn, rec 90' GIP, 90' SO&GCM, IFP 41-31#, ISIP 1122#, FFP 61-51#, FSIP 1071#.

DST#3 3982-4040', Lns. J, K & L

30-45-60-45, wk to fr blow 4 inches on 1st opn, wk blow 1 inch on 2nd opn, rec 60' mud w/oil spts, IFP 82-92#, ISIP 1081#, FFP 92-92#, FSIP 808#.

Formation Description

☒ Log ☒ Sample

Name	Top	Bottom
<u>Sample Tops:</u>		
Anhydrite	932 (+1067)	
B/Anhydrite	945 (+1054)	
Herington	2046 (- 47)	
Winfield	2104 (- 105)	
Towanda	2170 (- 171)	
Ft. Riley	2209 (- 210)	
B/Florence	2306 (- 307)	
Council Grove	2384 (- 390)	
Cottonwood	2525 (- 526)	
Neva	2595 (- 596)	
Foraker	2652 (- 653)	
Admire	2791 (- 792)	
Indian Cave	2821 (- 822)	
Wabaunsee	2848 (- 849)	
Tarkio	2974 (- 975)	
Emporia	3028 (-1029)	
Howard	3187 (-1188)	
Topeka	3273 (-1274)	

CASING RECORD ☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/2"	8-5/8"	24#	341'	common	250	2% gel, 3% CC
Production	7-7/8"	4 1/2"	10.5#	4131'	Sur-fill	100	circ 60 bbls mud w/ Desco & 500 gals mud sweep

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	4024' & 3998'	1000 gals 15% WWA	4024' & 3998'
2	3902-10' 1500 gals 15% WWA w/servsol	& 1500 gals 15% AOG-200	3902-10'
2	3790-3800' 1500 gals 15% WWA w/servsol	& 1500 gals 15% AOG-200	3790-3800'
2	4020-24'		
2	3995-4000' & 4020-4024'		

TUBING RECORD

Size 2-3/8" Set At 4053.79' Packer at

Liner Run ☐ Yes ☒ No

Date of First Production Producing Method

3-26-85

☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR F & M OIL CO., INC LEASE NAME Chadd "A"

SEC 19 TWP 25S RGE 14W (W)

WELL NO. 1

FILL IN WELL INFORMATION 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 & Shut-in pressures, and recoveries.

Show Geological markers, logs run, or Other Descriptive information.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
CONFIDENTIAL JUL 10 1986 KANSAS GEOLOGICAL SURVEY WESTERN BRANCH RECEIVED STATE CORPORATION COMMISSION APR 09 1985			Sample Tops: Cont.	
			Heebner	3601 (-1602)
			Toronto	3622 (-1623)
			Douglas Shale	3642 (-1643)
			Br/Lime	3739 (-1740)
			Lansing	3762 (-1763)
			B/KC	4050 (-2051)
			Mississippi	4186 (-2187)
			Viola	4250 (-2251)
			Simpson Sh	4402 (-2403)
			1st Simp. Sd	4407 (-2408)
			2nd Simp. Sd	4421 (-2422)
			Arbuckle	4452 (-2453)
			RTD	4500 (-2501)
			Electric Log Tops:	
			Anhydrite	929 (+1070)
			B/Anhydrite	941 (+1058)
			Herington	2039 (- 40)
			Winfield	2097 (- 98)
			Towanda	2165 (- 166)
			Ft. Riley	2204 (- 205)
			B/Florence	2300 (- 301)
			Council Grove	2384 (- 385)
			Cottonwood	2521 (- 522)
			Neva	2589 (- 590)
			Foraker	2648 (- 649)
			Admire	2784 (- 785)
			Onaga Shale	2808 (- 809)
			Indian Cave Sd	2814 (- 815)
			Wabaunsee	2843 (- 844)
			Tarkio	2969 (- 970)
			Emporia	3022 (-1023)
			Howard	3173 (-1174)
			Topeka	3260 (-1261)
			Heebner	3593 (-1594)
			Toronto	3612 (-1613)
			Douglas Shale	3633 (-1634)
			Br/Lime	3732 (-1733)
			Lansing	3759 (-1760)
			B/KC	4044 (-2045)
			Mississippi	4188 (-2189)
			Viola	4246 (-2247)
			Simpson Shale	4398 (-2399)
			1st Simp. Sd	4402 (-2403)
			2nd Simp. Sd	4416 (-2417)
			Arbuckle	4448 (-2449)
			LTD	4494 (-2495)

Released

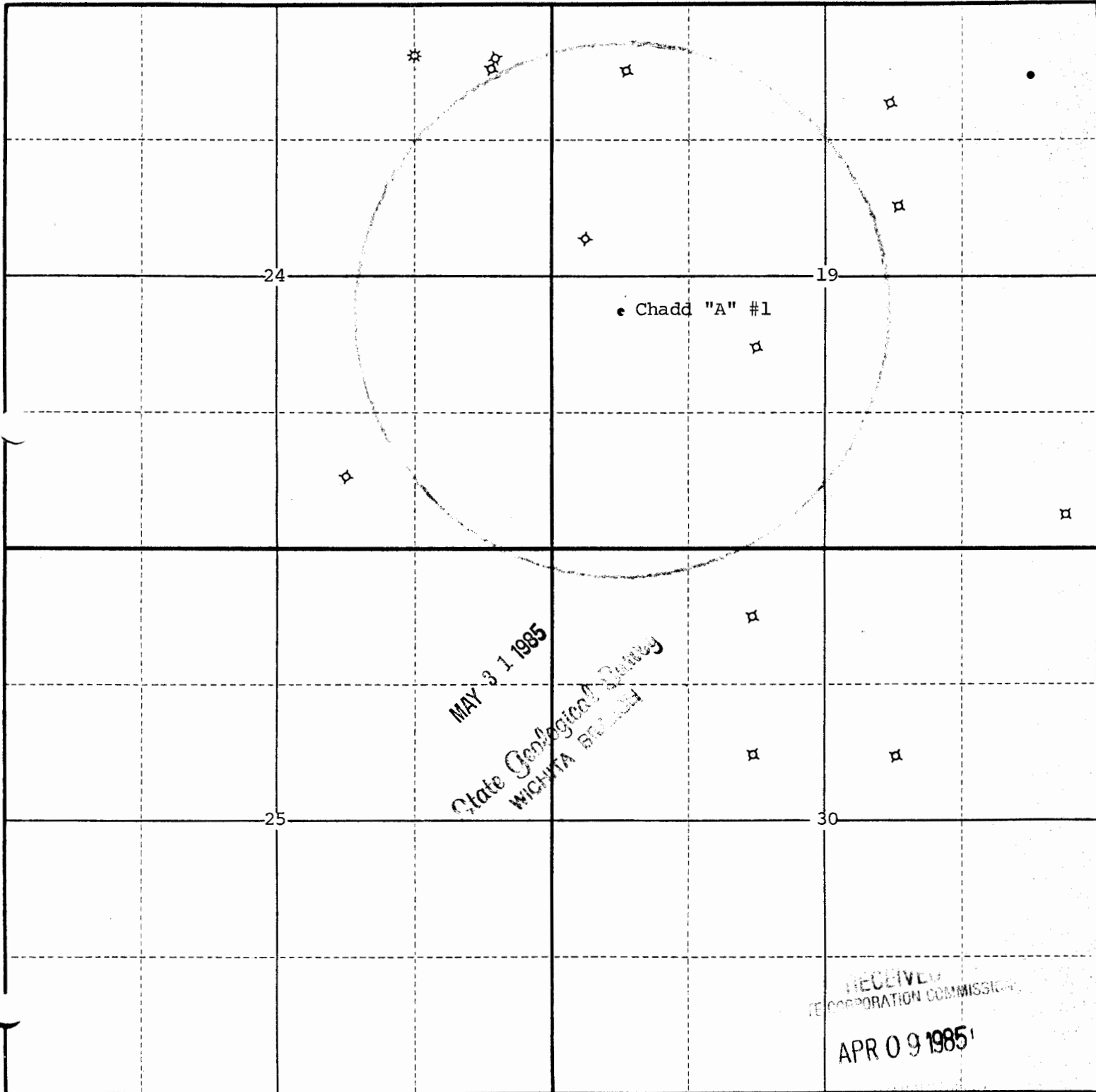
JUL 1 1986

CONFIDENTIAL KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

Township 25S, Range 14W & 15W, County Stafford, State Kansas

R-15W

R-14W



MAY 31 1985
State Geological Survey
WICHITA BRANCH

RECEIVED
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
APR 09 1985