

3/27/84
35-27-2300
JHE

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

(Rules 82-3-130 and 82-3-107)

DOCKET NO. NP N/A

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

☒ Letter requesting confidentiality attached.

☒ Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run _____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 7381 EXPIRATION DATE 6/30/84

OPERATOR Mitchell Energy Corporation API NO. 15-057-20356

ADDRESS P. O. Box 4000 COUNTY Ford

The Woodlands, Texas 77380 FIELD Wildcat

** CONTACT PERSON Wyndell Thomas PROD. FORMATION Morrow & Mississippian-
PHONE (817) 683-2233 Indicate if new pay. (Wellbore commingled)

PURCHASER Ashland Petroleum Company LEASE E. Steel

ADDRESS P. O. Box 32066 WELL NO. 1

Oklahoma City, Oklahoma 73123 WELL LOCATION C-NE, NE

DRILLING Eagle Drilling, Inc. 660 Ft. from N Line and

CONTRACTOR P. O. Box 8609 660 Ft. from E Line of

ADDRESS Wichita, Kansas 67208 the NE (Qtr.) SEC 35 TWP 27 RGE 23

PLUGGING --

CONTRACTOR --

ADDRESS --

TOTAL DEPTH 5914' PBDA 5872'

SPUD DATE 12/10/83 DATE COMPLETED 3/27/84

ELEV: GR 2413' DF 2423' KB 2425'

DRILLED WITH (CABLE) ROTARY (AIR) TOOLS.

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

Amount of surface pipe set and cemented 622 DV Tool Used? No

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion _____. Other completion _____. NGPA filing _____.

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

Larry Hensley, 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.

WELL PLAT (Office Use Only)

35

RELEASED NGPA

Date: APR 1 1985

FROM CONFIDENTIAL

KCC _____

KGS _____

SWD/REP _____

PLG. _____

WGL-PL-22

ACO-1 Well History

Side TWO

OPERATOR Mitchell Energy Corp. LEASE NAME E. Steel

SEC 35 TWP 27 RGE 23

(E)

(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 and shut-in pressures, and recoveries.

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

Formation description, contents, etc.	Top	Bottom	Name	Depth
<input checked="" type="checkbox"/> Check if no Drill Stem Tests Run.				
<input type="checkbox"/> Check if samples sent Geological Survey.				
Sand & Gravel	0	631		
Shale	631	1099		
Shale	1099	2110		
Shale	2110	2493		
Shale	2493	3143		
Shale & Lime	3143	3928		
Shale & Lime	3928	4975	Heebner	4206 (-170')
			Lansing	4336 (-1911)
			Marmaton	4803 (-2378)
Lime	4975	5290	Mississippi	5042 (-2617)
Lime & Shale	5290	5635	Osage	5452 (-3027)
Lime	5635	5914	Viola	5646 (-3221)
			Arbuckle	5788 (-3363)

Amount and kind of material used				Depth interval treated	
2,000 gal. 15% DS-30 acid				5152' - 5273'	
500 gal. 7-1/2% Spearhead acid + 10,000 gal. 75% foam + 14,500# 20/40 Ottawa sand + 166,615 SCF of N ₂				5009' - 5014'	
Date of first production 4/06/84		Producing method (flowing, pumping, gas lift, etc.) Pump		Gravity 32.7	
Estimated Production-I.P.	Oil 18.79	Gas 82	Water 85 %	Gas-oil ratio 110.22	CFPB 4,316
Disposition of gas (vented, used on lease or sold) Vented			Perforations 5009'-5273'		

If additional space is needed use Page 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"	24.0#	622'	Class "A"	100	2% Gel + 3% CaCl ₂ + 1/2# Flocele/sk.
Production	7-7/8"	4-1/2"	10.5#	5898'	50/50 POZ	375	.5 of 1% SF + 5# Gilsonite/sk. + 18% salt.

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	3-1/8"HC-0.31"	5152-5157'
TUBING RECORD			2	3-1/8"HC-0.31"	5266-5273'
Size	Setting depth	Packer set at			
2-3/8"	5319'	None	4	1-9/16"HC-0.24"	5009-5014'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD



35- 27- 23W

Paul P1

RECEIVED
STATE CORPORATION COMMISSION

FEB 10 1984

DATA SHEET FOR WELLBORE COMMINGLING

CONSERVATION DIVISION
Wichita, Kansas

Mitchell Energy Corporation
E. Steel Well No. 1
Ford County, Kansas

1. As shown on the attached plat, the subject well is located in the center (c) of the northeast (NE) quarter of the northeast (NE) quarter of Section 35, Township 27s, Range 23w, Ford County, Kansas. There are no other wells on this lease or any immediately adjacent leases. The only offset operator is as follows:

Voyager Petroleum, Inc.
800 Petroleum Building
110 Sixteenth Street
Denver, Colorado 80202

2. The Morrow formation is found in this well at a depth from 5002' to 5026'. The Mississippian occurs from 5026' to 5692'. Performations in the Morrow are from 5009'-5014'; in the Mississippian from 5152'-5157' and from 5266'-5273'.

3. An electrical log is attached. We respectfully request that this log be held in confidential custody as provided for in General Conservation Rule 82-3-107(d).

4. Listed below are calculated daily producing rates for each zone:

Morrow:	14 BOPD, 58 BWPD, 240 MCFD
Mississippian:	44 BOPD, 42 BWPD, 166 MCFD

RELEASED

It should be noted that these figures reflect the maximum rates tested from each zone. Stabilized combined production should be significantly less than the sum of the above.

APR 8 1984

FROM CONFIDENTIAL

This well is currently dually-completed with both zones being dead. We hope to restore flowing production by commingling within the wellbore. If this is not successful, it will be necessary to artificially lift the fluid. We feel that this could best be accomplished by pumping both zones through a single string of tubing.

5. The operator license number for Mitchell Energy Corporation is 7381.

MAR 7 1984

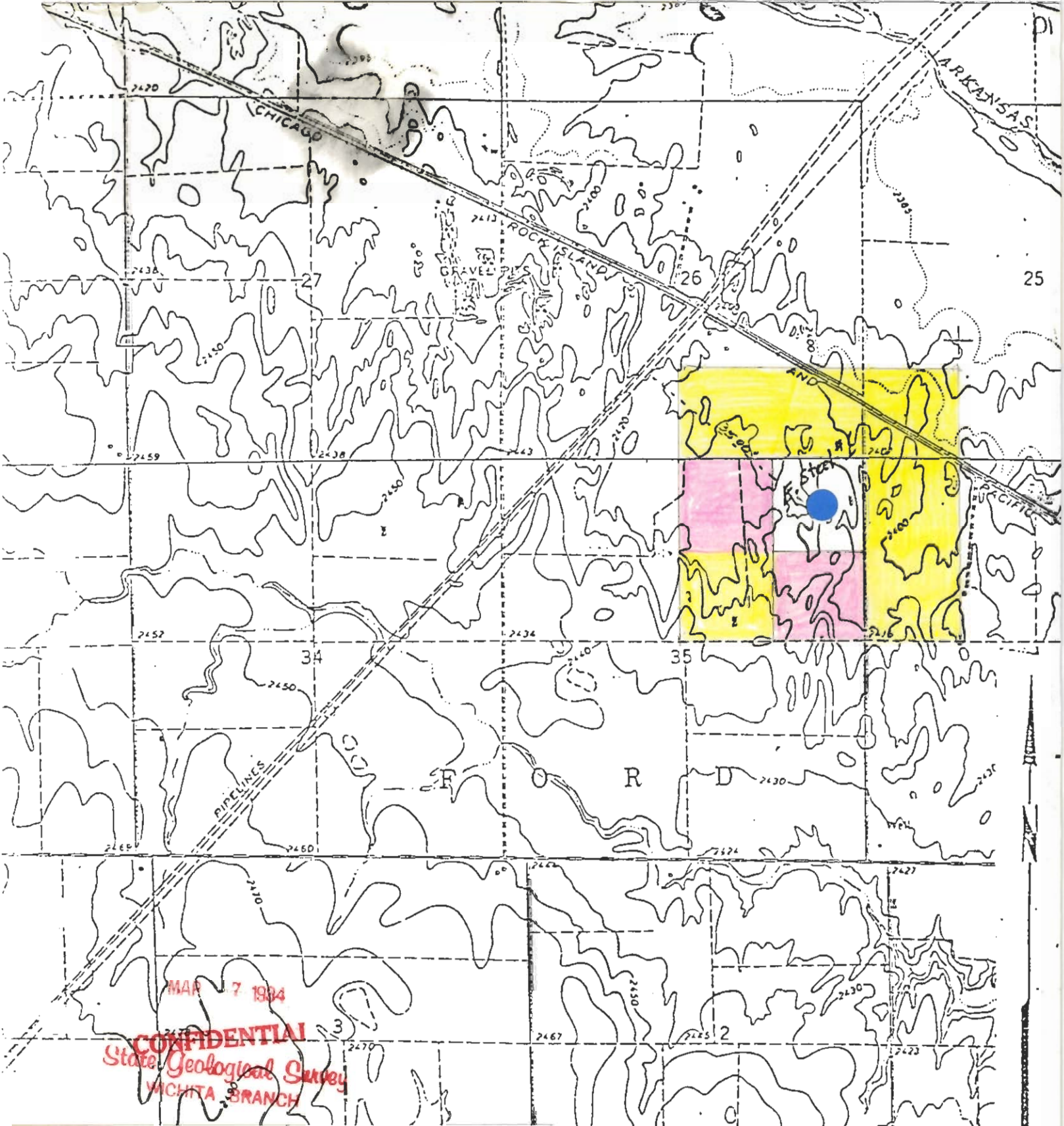
CONFIDENTIAL

State Geological Survey
WICHITA BRANCH

RELEASED

Date: JAN 1 1985

FROM CONFIDENTIAL



Subject Well ●

Mitchell Energy Corporation - Yellow Shade

Voyager Petroleum, Inc. - Pink Shade

MITCHELL ENERGY CORPORATION
OKLAHOMA CITY DISTRICT

35-27-23

Arbuckle Structure Test
E. Steel #1
Ford County, Kansas



DATE: Oct. 24, 1983 SCALE: 1"=2000'