

5/16/85
6-7-85

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5198
name A. Scott Ritchie
address 125 N. Market
Suite 950
City/State/Zip Wichita, KS 67202

Operator Contact Person Galen Babcock
Phone (316) 267-4375

Contractor: license # 6033
name Murfin Drilling Co.

Wellsite Geologist Leah Ann Kasten
Phone (316) 267-4375
PURCHASER Koch Oil Company

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

OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
2/02/85 2/10/85 3/07/85
Mud Date Date Reached TD Completion Date

3760' RTD 3685'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 260 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set 1861 feet

Alternate 2 completion, cement circulated
from 260 feet depth to surface w/ 195 SX cmt

API NO. 15 065-22,134-00-00

County Graham County, Kansas

10' S of NE NE NW 7 6S Rge. 21 East
(location) Sec Twp Rge. 21 West

4940 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Nola Frazey Well# 2

Field Name Newboys

Producing Formation Lansing-KC & Toronto

Elevation: Ground 2204' KB 2209'

CONFIDENTIAL

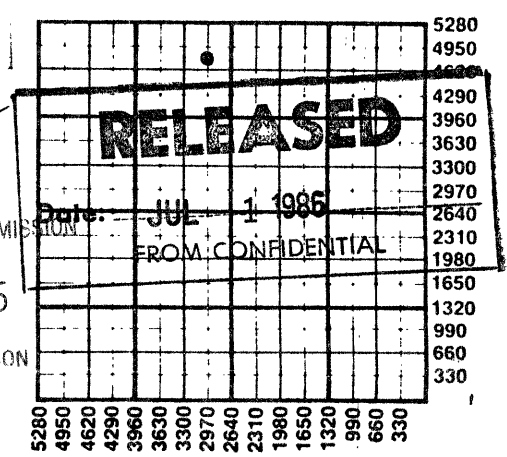
PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

MAY 16 1985

MAY 17 1985
State Geologist
WICHITA

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater..... Ft North From Southeast Corner and
(Well) Ft West From Southeast Corner of
Sec Twp Rge East West
 Surface Water..... Ft North From Southeast Corner and
(Stream, Pond etc.)..... Ft West From Southeast Corner
Sec Twp Rge East West
 Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket #

JUL 10 1985

GEOLOGICAL SURVEY
WICHITA BRANCH

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

A copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with temporarily abandoned wells.

I certify that the requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature A. Scott Ritchie
Title Operator Date 5/08/85

Subscribed and sworn to before me this 8th day of May 1985

Notary Public Linda K. Rice
Notary Commission Expires 6/27/88

LINDA K. RICE
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6/27/88

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec. 7 Twp. 6 Rge. 21 W

Operator Name A. Scott Ritchie Lease Name Nola Frazey Well# 2 SEC 7 TWP 6S RGE 21 East West

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

Formation Description
 Log Sample

F #1 from 3367' to 3404' (Lower Topeka). Recovered 180' of gas in pipe, 720' of clean gassy oil (trace of water), 120' of heavily oil spotted muddy water.
 P:102-183#/15"; ISIP:1218#/30";
 P:255-357#/15"; FSIP:1197#/30".

Name	Top	Bottom
Anhydrite	1859'	(+ 350)
B/Anhydrite	1892'	(+ 317)
Topeka	3229'	(-1020)
Heebner	3419'	(-1210)
Toronto	3445'	(-1235)
Lansing	3462'	(-1253)
B/KC	3652'	(-1443)
Cong. Sand	3702'	(-1493)
Arbuckle	3738'	(-1529)
LTD	3762'	(-1553)

F #2 from 3406' to 3468' (Toronto & Top zone). Recovered 0' of gas in pipe, 1200' of mud cut oil.
 P:81-265#/30"; ISIP:1300#/45";
 P:357-387#/30"; FSIP:1269#/45".

F #3 from 3476' to 3500' (35' zone). Recovered 390' of mud cut oil, 780' of gas in pipe. IFP:91-112#/15"; ISIP:1#/30"; FFP:153-163#/15"; FSIP:981#/30".

RELEASED

JUL 15 1986

7-15-86
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F #4 from 3498' to 3515' (50' zone). Recovered 240' of gas in pipe, 50' of clean oil, 60' of oil and water cut mud, 180' of muddy water. IFP:61-112#/30"; ISIP:663#/30";
 P:142-153#/30"; FSIP:674#/30".

F #5 from 3513' to 3526' (70' zone). Recovered 60' of oil specked muddy water, 60' of muddy water. IFP:40-51#/30"; ISIP:1115#/45"; FFP:71-91#/30"; FSIP:1022#/45".

F #6 from 3529' to 3544' (90' & 100' zones). Recovered 20' of drilling mud, no show of oil. IFP:30-40#/30"; TSTP:04#/45"; FFP:40-40#/30"; FSIP:1074#/45".

DST #8 from 3678' to 3706' (Cong.Sand). Recovered 70' of total fluid: 10' of mud cut oil, 60' of watery mud cut oil.
 IFP:51-51#/30"; ISIP:866#/30";
 FFP:51-51#/30"; FSIP:733#/30".

F #7 from 3560' to 3622' (140,160,&180' zones). Recovered 180' of slightly oil specked mud. IFP:71-81#/30"; ISIP:28#/45"; FFP:91-102#/30"; FSIP:1197#/45".

(Continued on next column)

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> 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 1/4"	8-5/8"	23#	260'	quickset	195	none
Production	7-7/8"	5 1/2"	14#	3757'	60/40 poz.	130	10% salt, 10 sack of salt flush

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth.
2 SSB	3703' to 3709'	Acidized w/500 gal. of 15%NE	3703'-09'
2 SSB	3585' to 3587 1/2'	Acidized w/750 gal. of 28%	3585'-87 1/2'
2 SSB	3494 1/2' to 3496'	Acidized w/750 gal. of 28%	3494 1/2'-96'
2 SSB	3462 1/2' to 3466'	Acidized w/1000 gal. of 28%	3462 1/2'-66'
2 SSB	3444 1/2' to 3448'	Acidized w/1000 gal. of 15%	3444 1/2'-48'

TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
size	set at	packer at			
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)				
3/07/85					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
67.77 Bbls		MCF	16.94 Bbls	CFPB	

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

PRODUCTION INTERVAL

3585-87 1/2'; 3494 1/2'-96';
 3462 1/2'-66'; 3444 1/2'-48'

Dually Completed.
 Commingled