

5/16/85
7-6-21W
KCE

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.

Site Geologist Leah Ann Kasten
Phone (316) 267-4375

PURCHASER Koch Oil Company

Designate Type of Completion

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

If 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
Spud Date Date Reached TD Completion Date

3760' RTD 3685'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 260 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set 1861 feet

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

API NO. 15 065-22,134
County Graham County, Kansas
10' S of NE NE NW 7 Twp 6S Rge 21
4940 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

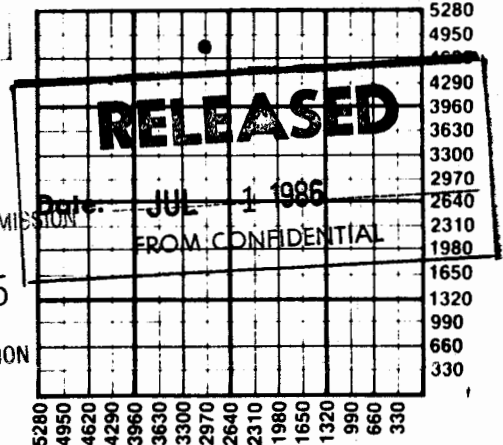
Lease Name Nola Frazey Well# 2

Field Name Newboys

Producing Formation Lansing-KC & Toronto

Elevation: Ground 2204' KB 2209'

Section Plat



PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

MAY 16 1985

CONSERVATION DIVISION
Wichita, Kansas

MAY 17 1985
State Geologist
WICHITA

WATER SUPPLY INFORMATION

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

(purchased from city, R.W.D.#)

TUBING RECORD		size	set at	packer at	Liner Run	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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			

METHOD OF COMPLETION

- Disposition of gas: vented sold
- open hole perforation
- other (specify)

PRODUCTION INTERVAL

3585-87½'; 3494½-96';

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

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)

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

DST #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. IFP:102-183#/15"; ISIP:1218#/30"; FFP:255-357#/15"; FSIP:1197#/30".

DST #2 from 3406' to 3468' (Toronto & Top zone). Recovered 240' of gas in pipe, 1200' of mud cut oil. IFP:81-265#/30"; ISIP:1300#/45"; FFP:357-387#/30"; FSIP:1269#/45".

DST #3 from 3476' to 3500' (35' zone). Recovered 390' of mud cut oil, 780' of gas in pipe. IFP:91-112#/15"; ISIP:991#/30"; FFP:153-163#/15"; FSIP:981#/30".

DST #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"; FFP:142-153#/30"; FSIP:674#/30".

DST #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".

DST #6 from 3529' to 3544' (90' & 100' zones). Recovered 20' of drilling mud, no show of oil. IFP:30-40#/30"; ISIP:1104#/45"; FFP:40-40#/30"; FSIP:1074#/45".

DST #7 from 3560' to 3622' (140,160,&180' zones). Recovered 90' of slightly oil specked mud. IFP:71-81#/30"; ISIP:1228#/45"; FFP:91-102#/30"; FSIP:1197#/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".

(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 sacks 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'	