

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 1000
City/State/Zip Wichita, KS 67202

Purchaser Koch Oil Company

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

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

10/23/85 10/30/85 1/10/86
Spud Date Date Reached TD Completion Date

3884' RTD 3622'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 262 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1987' feet
If alternate completion, cement circulated from 1987' feet depth to surface 475' SX cmt
Cement Company Name Allied Cementing Co.
Invoice # 1199

API NO. 15-065-22,256
County Graham
SE NE SE Sec. 14 Twp. 6S Rge. 22 East
West
1650
330 Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Keith Estate Well # 1
Field Name not named yet
Producing Formation Lansing
Elevation: Ground 2313' KB 2318'
Section Plat

FEB 03 1986
State Corporation Commission
WICHITA BRANCH

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # D-20,496 Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
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).....
(purchased from city, R.W.D. #)

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. Rule 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.
One 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 all temporarily abandoned wells.

1166-2-11

SIDE TWO

Operator Name A. Scott Ritchie Lease Name Keith Estate Well # 1

14 6S 22 East West County Graham Estimated Production Per 24 Hours 28.0 Bbls MCF 190.0 Bbls CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold

Open Hole Perforation Other (Specify)

3613 1/2' to 3616'

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

Formation Description Log Sample

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, B/Anhydrite, Topeka, Heebner, Toronto, Lansing, B/KC, Cong. Sd., Ero. Arb., Arbuckle, LTD.

DST #1 from 3475' to 3515' (lower Topeka). Recovered 40' of drilling mud, no show of oil. IFP:41-41#/30"; ISIP:1156#/45"; FFP:51-51#/30"; FSIP:1104#/45".

DST #2 from 3517' to 3580' (Toronto and Top zone). Recovered 390' of watery mud and 480' of slightly oil spotted muddy water. IFP:81-234#/15"; ISIP:1218#/30"; FFP:336-408#/15"; FSIP:1187#/30".

DST #3 from 3586' to 3622' (35' & 50' zones). Recovered 300' of gas in pipe, 60' of clean oil, 300' of gassy oil cut mud, 360' of gassy oil cut muddy water, 60' of muddy water. IFP:81-234#/30"; ISIP:1248#/30"; FFP:285-357#/30"; FSIP:1238#/30".

DST #4 from 3673' to 3737' (140', 160', 180' zones). Recovered 10' of oil spotted mud. IFP:61-61#/30"; ISIP:122#/45"; FFP:51-51#/30"; FSIP:102#/45".

#5 Continued heavy clean oil and 5' of mud cut oil. IFP:61-61#/45"; ISIP:377#/45"; FFP:61-61#/45"; FSIP:193#/45".

DST #5 from 3785' to 3826' (Cong. Sd.). Recovered 5' of

CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Producing Method, Oil Gas Water Gas-Oil Ratio Gravity

WELL LOG

14-6-226

COMPANY A. Scott Ritchie
 125 N. Market, Suite 950
 Wichita, Kansas 67202

FARM Keith Estate **NO.** 1

RIG. NO. 8

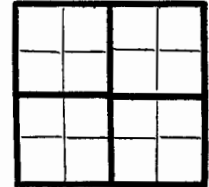
TOTAL DEPTH 3884'

COMM. 10-23-85 **COMP.** 10-30-85

CONTRACTOR Murfin Drilling Company
 250 N. Water, Suite 300
 Wichita, Kansas 67202

SEC. 14 **T.** 6S **R.** 22W
LOC. SE NE SE

COUNTY Graham
 KANSAS



CASING

| | | |
|----|--------|---|
| 20 | 10 | |
| 15 | 8-5/8" | set @ 262' w/180 sx Common, 2% Gel, 3% ELEVATION |
| 12 | 6 | |
| 13 | 5 | 4-1/2" set @ 3862' w/120 sx 60/40 Poz, 10% Salt. PRODUCTION |

FIGURES INDICATE BOTTOM OF FORMATIONS

| | |
|----------------------|-------|
| Surface Dirt & Shale | 263' |
| Shale & Sand | 2170' |
| Anhydrite | 2003' |
| Shale & Lime (RTD) | 3884' |

NOV 6 3 1986
 Geological Survey
 BRANCH

NOV 14 1985