

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 # 9987
Name RICHARD L. MCCONNELL
Address 2117 NORTH "A"
WELLINGTON KS 67152
City/State/Zip

Purchaser

Operator Contact Person RICHARD L. MCCONNELL
Phone (316) 326-5956

Contractor: License # 5676
Name EDCO DRILLING CO., INC.

Wellsite Geologist WESLEY D. HANSEN
Phone (316) 838-2515

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
6-23-85 6-28-85 6-28-85
Spud Date Date Reached TD Completion Date
3110
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 201 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-035-23-566
County COWLEY
30'N E/2 E/2 SE/4 31 Twp. 31 Rge. 5 East West

1350 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

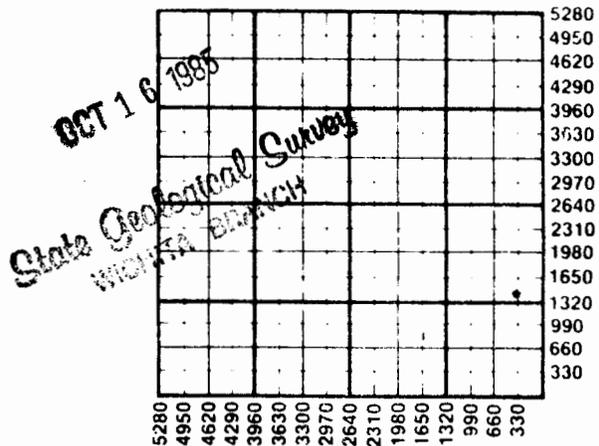
Lease Name THIEL Well # 1

Field Name

Producing Formation

Elevation: Ground 1259 KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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.

32-18-18

SIDE TWO

Operator Name M.T.R. OIL PRODUCTION, INC. Lease Name THIEL Well # 1

Sec. 31 Twp. 31 Rge. 5 East West County COWLEY

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 [X] Yes [] No
Samples Sent to Geological Survey [] Yes [X] No
Cores Taken [] Yes [X] No

Formation Description
[] Log [X] Sample

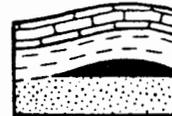
I.H. 1168
i.f.f. 21
F.F.F. 84
I.F.C-I. 84
F.F.C-I. 616
I.S.F. 84
F.S.F. 104
I.S.C-I. 104
F.S.C-I. 564
F.H. 1147

Table with 3 columns: Name, Top, Bottom. Rows include Shale w/Lime Streaks, Shale, Stalnaker Shale, Layton, Kansas City, etc.

RECOVERED... 65 FEET OF MUD. 186 FEET OF VERY SLIGHTLY GAS CUT MUD

Form sections: CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Producing Method.

31-31-5E



Wesley D. Hansen
Consulting Geologist

M.T.R. Oil Production, Inc.
P.O. Box 273
Wellington, Kansas
67152

July 1, 1985

OCT 16 1985

State Geological Survey
WICHITA BRANCH

RE: M.T.R. Oil Production
Thiel #1, 30'N E/2 E/2 SE/4
Section 31-31-5E
Cowley County, Kansas

Gentlemen

Drilling progress was recorded and samples were examined on the above captioned well from 200' to 3110', rotary total depth. Formation tops called from examination of samples and the electric logs are tabulated below. A Kelly Bushing elevation of 1264' was used. Dual Induction and Compensated Density-Compensated Neutron logs were run on this well by Gearhart. Drill-stem testing was done by Halliburton.

STRUCTURAL COMPARISON

FORMATION	DEPTH	DATUM	L&B Leasing Cabre Expl. Range		
			Lumbert #1	Moore #1	Shiflet
			SW NW SW	NW SW SW	SE NW SE
			32-31-5E	32-31-5E	31-31-5E
Iatan Ls.	1916'	(- 652')	No Top	(- 657')	(- 662')
Stalnaker Sd.	1928'	(- 664')	"	(- 668')	(- 667')
Layton Sd.	2330'	(-1066')	(-1063')**	(-1071')	(-1082')
Kansas City	2440'	(-1176')	(-1182')	NDE	(-1186')
Base/KC	2590'	(-1326')	No Top	"	NDE
Marmaton	2683'	(-1419')	"	"	"
Cherokee Sh	2807'	(-1543')	"	"	"
Cattleman Sd.	2910'*	(-1646')	"	"	"
Bartlsv Zone	2980'	(-1716')	"	"	"
Mississippian	3060'	(-1796')	(-1804')	"	"

* this is a sample top because the zone was not developed on log
** the perforations reported on the scout card show a datum of (-1052'). The log on the washdown of this well was not available to either confirm or deny this higher datum. A small scale log examined in the work-up of this prospect showed the datum used above.

As one can see from the table above, the subject well ran a few feet high to the Range Oil Shiflet #1 to the west and the Cabre Exploration #1 Moore to the east. The subject well was low to the L & B Leasing Lumbert #1 "CWWO" until the top of the

2808 N. Athenian • Wichita, KS 67204
Telephone (316) 838-2515

OCT 16 1985

Mississippian.

All detailed sample descriptions are contained on the accompanying plotted geologic report.

Shows of hydrocarbons in the #1 Thiel were as follows:

Admire Group-585'-605'; sandstone with slight show of fluorescence and weak cut, log revealed no zone of value.

Layton Sand-2329'-40'; sandstone with slight odor, slight show of free oil, good scattered fluorescence, slightly gassy. Log calculates 78% and higher S_w . This zone was tested by DST #1 with the following results.

Interval: 2322'-40' IFP: 21-84# (good blow, 7" blag.
 Times: 30-30-30-30 ISIP: 616# to bottom of bucket in
 Recovery: 65' mud, 186' VSLGCM, FSIP: 564# 2nd flow period.)
 48,000 Chlorides

Cattleman Sand-2910'-14'; sandstone with faint odor, slight cut, slight show of slightly gassy free oil, good fluorescence. Only a very small amount of sand was observed. Log did not reveal any zone development.

Because of the lower structural position to the L & B Leasing #1 Lumbert, the lack of a favorable DST, and high saltwater calculations from the electric logs, it was recommended that the #1 Thiel be plugged and abandoned as a dry hole.

Respectfully submitted,

Wesley D. Hansen

Wesley D. Hansen
 Consulting Geologist

OCT 16 1985
 State Geological Survey
 WICHITA BRANCH

RECEIVED
 STATE GEOLOGICAL SURVEY COMMISSION

OCT 16 1985

COMMISSIONER OF GEOLOGY
 WICHITA, KANSAS