

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 # 5886
Name Chief Drilling Co., Inc.
Address 905 Century Plaza
Wichita, Ks. 67202
City/State/Zip 67202

Purchaser Koch Oil Company

Operator Contact Person F.W. Shelton, Jr.
Phone 316-262-3791

Contractor: License # 5883
Name STATE CORPORATION COMMISSION

Wellsite Geologist Jim Gribbi
Phone 316-262-3791

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

12-04-84 12-16-84 1-23-85
Spud Date Date Reached TD Completion Date

RTD 4655 LTD 4659 4240'
Total Depth PBTD

7jts. 293' set @ 296'
Amount of Surface Pipe Set and Cemented at feet

Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2572 feet

If alternate 2 completion, cement circulated from 2572 feet depth to gr.w./700 SX cmt

API NO. 15-193-20334-0000
County Thomas
NW SE SE Sec. 30 Twp 10S Rge 32W East West

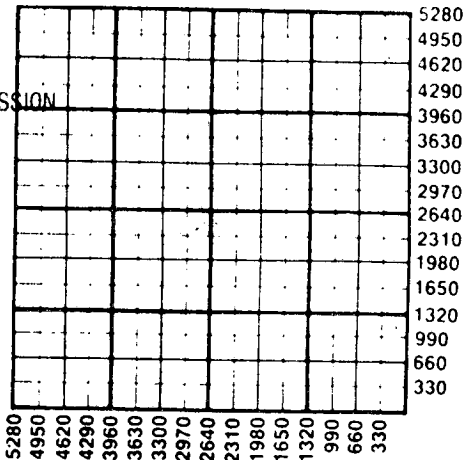
990 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Close Well # 1

Field Name H-PAC North

Producing Formation Lansing

Elevation: Ground 3068 KB 3073
Section Plat



RECEIVED

FEB 07 1985

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # 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 30 Twp 10S Rge 32 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.

All 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 F.W. Shelton, Jr., Vice Pres.
Title Vice President Date 1-17-85

Subscribed and sworn to before me this 17th day of January 1985

Notary Public Martha E. Gustin
Date Commission Expires

MARTHA E. GUSTIN
NOTARY PUBLIC
STATE OF KANSAS
MY APPL. EXPIRES 4-15-85

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 30 Twp 10S Rge 32W

Chief Drilling Co., Inc.

Operator Name Lease Name..... Close #1..... Well #.....

Sec..30..... Twp.....10S. Rge...32W... [X] East [X] West County.....Thomas.....

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 [X] Yes [] No

Cores Taken [] Yes [X] No

DST #1 4045-4065
36' zone 30-30-45-60 weak blow, Rec.
70' MW, (14,000 Chlorides) IBHP:
11191, FBHP: 11191 IFP: 44-53 FFP:
80-80
Running DST #2, 4093-4118 (70-90
zone) 30-30-45-60 fair blow through-
out, Rec. 345' water (14,000 cl)
IBHP: 12104, FBHP: 12104, IFP:
71-125 FFP: 133-214
DST #3 4150-4188 (120-140 zone)
Very strong blow, gas to surface
on final shut in, Rec. 1530' CGO
870' W, (14,000 cl) IBHP: 11644
FBHP: 11644, IFP: 267-580 FFP:
625-867 40' gravity 30-30-45-60
DST #4 4187-4218 30-30-45-60
Strong blow throughout, Rec. 880'
GIP, 140' HO&GCM, 30% G, 30% O,
40% M, 60' HO&M, 74% 53% O, 40% M,
IBHP: 13004 FBHP: 13004, IFP: 71-89
FPF: 89-107 (Lansing 160 zone).
DST #5 4214-4238 (Lansing 180 zone)
30-30-45-60 wk. blow bldg. to fair
fair throughout, Rec. 120' GIP, 25'
GCM, IBHP: 534 FBHP: 534, IFP: 44
FPF: 44 Drilling @ 4238' DST #6
4241-4271 (Lans. 200 zone) 30-30-60-60
wk. blow bldg. to strong in 30 min. on
both opens Rec. 470' GIP, 90' HO&GCM
(10% G, 45% M, 45% O) IBHP: 8944, FBHP:
8944 IFP: 53-62 FFP: 71-80
DST #7 4773-4300 (Lans. 220 zone)
Strong Blow in 5 1/2 min. 30-30-
45-60 strong blow throughout, Rec.
630' GIP, 120' CGO, 40' gravity
30' HO&GCM, 5% G, 45% O, 50% M,
IBHP: 6074, FBHP: 4464 still bldg.
IFP: 80-894 FFP: 89-107# charts
indicate damage to formation
Drilling @ 4457' DST #8 4445-4489
(Pawnee) 30-30-15-30 wk. blow died
in 25 min., rec. 10' M/oil spots
IBHP: 534 FBHP: 534 IFP: 44-44
FPF: 44-44
DST #9 (Cherokee Johnson) 4545-4597
30-30-15-30 very wk. blow that died
in 28 min., Rec. 5' mud, IBHP: 894,
FBHP: 894, IFP: 80-80 FFP: 80-80

Formation Description
[X] Log [X] Sample

Name Top Bottom

FORMATION TOPS:
Anhydrite 2573 + 500
Base Anhydr 2601 + 472
Wab 3626 - 553
Topeka 3759 - 686
Heebner 3983 - 910
Toronto 4001 - 928
Lansing 4022 - 949
Muncie Creek 4155 - 1082
Stark 4242 - 1169
RRC 4305 - 1232
Maraton 4336 - 1263
Pawnee 4433 - 1360
Fort Scott 4496 - 1423
Cherokee Shale 4525 - 1452
Cherokee Johns 4570 - 1497
Mississippi 4624 - 1551
RTD 4655 - 1584

Well log

Shale 0 2573
Anhydr 2573 2601
shale 2601 3350
Sh/lime 3350 4465
Lime 4465 4655
RTD 4655

B-LOG TOPS:
Anhydrite 2572 + 501
Base Anhydr 2598 + 475
Wab 3612 + 559
Topeka 3760 + 687
Heebner 3986 - 913
Toronto 4003 - 930
Lansing 4024 - 951
Muncie Creek 4156 - 1083
Stark 4242 - 1169
RRC 4306 - 1234
Maraton 4343 - 1270
Pawnee 4435 - 1364
Fort Scott 4498 - 1425
Cherokee Shale 4527 - 1454
Cherokee Johns 4572 - 1499
RTD 4659 - 1586

CASING RECORD [X] New [] Used RELEASED

Report all strings set-conductor, surface, intermediate, production, etc.

Table with columns: Purpose of String, Size Hole, Size Casing, Weight, Setting Depth, Type of Cement, #Sacks Used, Type and Percent Additives. Includes handwritten notes like 'FROM CONFIDENTIAL' and 'JUN 06 1986'.

PERFORATION RECORD

Table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, (Amount and Kind of Material Used), Depth. Includes handwritten notes like 'Acid, Fracture, Shot, Cement Squeeze Record'.

TUBING RECORD Size Set At Packer at Liner Run [] Yes [X] No
133jts. 2 3/8" 4229.52 none

Date of First Production Producing Method
1-23-85 [] Flowing [X] Pumping [] Gas Lift [] Other (explain).....

Table with columns: Estimated Production, Oil, Gas, Water, Gas-Oil Ratio, Gravity. Includes handwritten values like '135', '-0-', '-0-', '37°'.

METHOD OF COMPLETION

Production Interval

Disposition of gas: [] Vented [X] Sold [] Used on Lease
[] Open Hole [X] Perforation [] Other (Specify)
[] Dually Completed [] Commingled [X] single
4284-4289
4256-4260
4205-4209