

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-193-20,434-0000

County... Thomas

SW NE NW Sec. 24 Twp. 10S. Rge. 31 East
X West

3970 Ft North from Southeast Corner of Section
3610 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

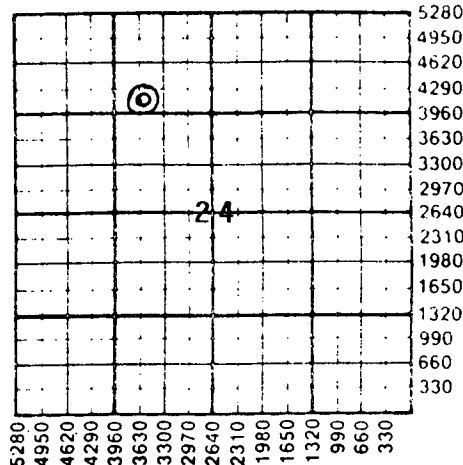
Lease Name... Delzeit Well #2

Field Name... Triangle North

Producing Formation... Lansing

Elevation: Ground... 2895 KB... 2900

Section Plat



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 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. #)

Operator: License # 9041
Name... Joseph H. Strabala
Address... 312 E. Vintah
City/State/Zip... Colorado Springs, CO 80903

Purchaser... Inland Crude
Wichita, KS

Operator Contact Person... Joseph H. Strabala
Phone... (303) 635-7807

Contractor: License # 4083
Name... Western Kansas Drilling, Inc.

Wellsite Geologist... Mark Torr
Phone... (913) 628-3131

Designate Type of Completion

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

If ONWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

X Mud Rotary Air Rotary Cable

4-09-87 4-18-87 4-19-87
Spud Date Date Reached TD Completion Date

4570 RTD 4544
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 260 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set... feet
If alternate 2 completion, cement circulated
from 2180 feet depth to surface pipe w/ 500 SX cmt
Cement Company Name... BJ Titan Services Co.
Invoice # 281645

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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... Joseph H. Strabala
Title... Owner Date... 6-12-87

Subscribed and sworn to before me this 12 day of June 1987

Notary Public... Date Commission Expires... 12-13-87

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Drillers Timelog Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other
STATE OF KANSAS (Specify)
JUN 14 1987

Sec. 47 Twp. 10. Rge. 31

Operator Name Joseph H. Strabala Lease Name Delzeit Well # 2

Sec. 24 Twp. 10S Rge. 31 East 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 [] Yes [X] No
Cores Taken [] Yes [X] No
DST #1 - 4001 - 4015 60-60-60-60
Shut-in Pressures: 1271-1217 PSI
Flow Pressures: 21-32 & 53-53 PSE
Recovery: 76' of muddy water with show of oil in tool.
DST #2 - 4084 - 4118 60-60-60-60
Shut-in Pressures: 1261-1185 PSI
Flow Pressures: 43-64 & 85-107 PSI
Recovery: 550' of gas in the pipe, 225' of muddy, gassy oil
DST #3 - 4124 - 4156 30-30-15
Shut-in Pressures: 43 PSI
Flow Pressures: 22-33 & 33 PSI
Recovery: 6' of mud
DST #4 - 4203 - 4234 45-45-45-45
Shut-in Pressures: 256-288 PSI
Flow Pressures: 107-128 & 171-182 PSI
Recovery: Gas to surface on second shut-in 220' of clean gassy oil, 240' of gassy, muddy oil
DST #5 - 4338 - 4380 30-60-60-60
Shut-in Pressures: 672-449 PSI
Flow Pressures: 53-75 & 139-128 PSI
Recovery: 200' of oil-specked muddy water, with free oil on top

Formation Description
[X] Log [] Sample
Name Top Bottom
Heebner Shale 3920 (-1020)
Toronto Limestone 3942 (-1042)
Lansing-Kansas City 3960 (-1060)
Base of Kansas City 4231 (-1331)
Marmaton 4275 (-1375)
Pawnee 4363 (-1463)
Fort Scott 4432 (-1532)
Mississippian 4542 (-1642)
R.T.D. 4570 (-1670)
L.T.D. 4573 (-1673)

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CASING RECORD [X] New [] Used
Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Includes data for Surface and Production strings.

PERFORATION RECORD
Shots Per Foot Specify Footage of Each Interval Perforated
Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
12 4218-4224 1000 gal. 15% Demulsion Acid 4218-4224
24 4109-4112 500 gal. 15% Demulsion Acid 4109-4112

TUBING RECORD Size 2 3/8" Set At 4538 Packer at N/A Liner Run [] Yes [X] No

Date of First Production 5-09-87 Producing Method [] Flowing [X] Pumping [] Gas Lift [] Other (explain).....

Table with 5 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Estimated Production Per 24 Hours: 50 Bbls, --- MCF, 0 Bbls, CFPB, 40°

METHOD OF COMPLETION Production Interval

Disposition of gas: [X] Vented [] Sold [] Used on Lease
[] Open Hole [X] Perforation [] Other (Specify) 4218-4224
[] Dually Completed [] Conmingle 4109-4112

MARK TORR

Independent Petroleum Geologist
P.O. BOX 1293
HAYS, KANSAS 67601

(913) 628-3131

04-20-87

JOSEPH H. STRABALA
DELZEIT # 2
1310' FNL & 970' FEL-NW/4
Section 24-10S-31W
Thomas County, Kansas

Commenced: 04-09-87.
Completed Drilling: 04-18-87.
Drilled By: Western Kansas Drilling, Rig # 2.

Pipe Record: 8⁵/₈" at 260', 5¹/₂" at 4572'.
Electric Logs: R A Guard.
Drill Stem Tests: 5, by Trilobite Testing.

-GEOLOGICAL REPORT-

Elevation
2900:KB
2898:DF
2895:GL

Gentlemen;

The above captioned well was under my supervision from a rotary depth of 3600' to a rotary total depth of 4570'. Ten foot samples were examined from 3750' to RTD. This well had casing set in it for commercial production.

Formation Data

All measurements are from KB.

Log Tops

ANHYDRITE	2474 Top	+426
	2502 Bottom	+398
HEEBNER SHALE	3920	-1020
TORONTO LIMESTONE	3942	-1042
LANSING-KANSAS CITY	3960	-1060
BASE OF KANSAS CITY	4231	-1331
MARMATON	4275	-1375
PAWNEE	4363	-1463
FORT SCOTT	4432	-1532
MISSISSIPPIAN	4542	-1642
RTD	4570	-1670
LTD	4573	-1673

JUN 16 1987

KANSAS GEOLOGICAL SURVEY
WICHITA DIVISION

RELEASED

-1- JUL 13 1988

FROM CONFIDENTIAL

Zones of Interest, continued

4218' to 4224' : White to offwhite oolitic limestone. Show of free oil, good odor, and a spotted to even stain. This zone was covered in DST # 4. **TEST THIS ZONE.**

DST # 4

Interval Tested: 4203' to 4234'.

Times: 45-45-45-45.

Recovery: Gas to surface on second shut-in,
220' of clean gassy oil,
240' of gassy, muddy oil.

Shut-in Pressures: 256 - 288 PSI.

Flow Pressures: 107-128 & 171-182 PSI.

4322' to 4324' : White fine crystalline to oolitic limestone, with interoolitic to vug porosity. Show of free oil, faint odor, and a spotted stain.

4364' to 4366' : White fossiliferous to oolitic limestone. Show of free oil, fair to good odor, and a spotted stain. This zone was covered in DST # 5.

4374' to 4378' : Tan fossiliferous limestone. Show of free oil, good odor, and a saturated stain. This zone was covered in DST # 5.

DST # 5

Interval Tested: 4338' to 4380'.

Times: 30-60-60-60.

Recovery: 200' of oil-specked muddy water, with free oil on top.

Shut-in Pressures: 672 - 449 PSI.

Flow Pressures: 53-75 & 139-128 PSI.

Recommendations

It was recommended to set casing in this well for commercial production. All zones recommended for testing, as well as those recommended for testing before abandonment have been noted in this report.

Respectfully submitted,

Mark Torr

Mark Torr
Petroleum Geologist

JUN 16 1987
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

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One foot drill time from 3601' to 4570'.

3601-3700: 22223-32342-11213-32233-33221-22112-33111-21222-23333-3311 ½-
½ ½ ½ 12-12222-22223-33121-12333-43444-23332-12121-21134-34442-

3701-3800: 11214-42232-32333-22221-33343-42322-22221-22222-22234-32332-
43233-32342-21221-22321-12321-22222-12132-21422-11143-33314-

3801-3900: 32223-21112-12231-11111-12111-11111-11222-33344-44332-21344-
43234-33342-12234-32453-23333-32222-11111-23443-34433-32323-

3901-4000: 42211-23231-21233-22323-33323-43438-52645-53455-53433-34453-
74745-44212-21212-34343-42222-22323-34445-76653-44322-33322-

4001-4100: 36654-33322-23325-43344-34332-43344-44443-44433-44333-32333-
32334-55234-32224-23333-44444-54344-44444-54334-43233-33444-

4101-4200: 55656-65433-33444-54323-43443-33334-44554-45423-33333-33234-
66666-55443-34333-43334-52221-24638-74455-54544-44344-44455-

4201-4300: 55543-22234-55665-44444-3433 2½-23 2½ 2 2½-46576-76533-32322-22222-
22222-45544-44544-47634-34454-44455-65555-64666-66455-64554-

4301-4400: 44544-44444-54654-63644-53435-45433-44425-54556-67756-45554-
54566-56667-35333-43334-44 2½ 2½ 3-34566-56774-64545-34433-33444-

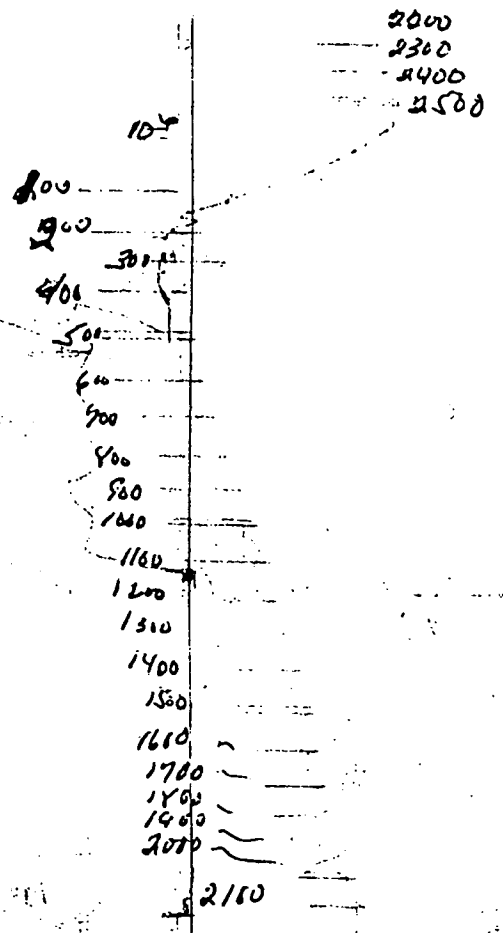
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44445-43355-43364-44545-64444-44444-54434-56544-56554-55354-

4501-4570: 53343-33343-33333-33435-44433-43444-33453-33444-34343-34443-
33553-43545-44444-45443-

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