

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 # 4036
Name PITTMAN & ASSOCIATES, INC.
Address 5921 S. MIDDLEFIELD RD SUITE 200
City/State/Zip LITTLETON, CO 80123

Purchaser UNION OIL COMPANY OF CALIFORNIA

Operator Contact Person MR. PITTMAN
Phone 303-795-6914

Contractor: License # 8241
Name EMPHASIS OIL OPERATIONS

Wellsite Geologist KEN JOHNSON
Phone 316-269-9001

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
10/1/85 10/9/85 12-12-85
Spud Date Date Reached TD Completion Date
Total Depth 4096' PBD.
Amount of Surface Pipe Set and Cemented at 256 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2288' feet
If alternate 2 completion, cement circulated from 2288' feet depth to SURFACE 600 SX cmt

API NO. 15-179-20.847-0000

County SHERIDAN

NW SE SW Sec. 17 Twp. 10 Rge. 26 East West

990' Ft North from Southeast Corner of Section
3630' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

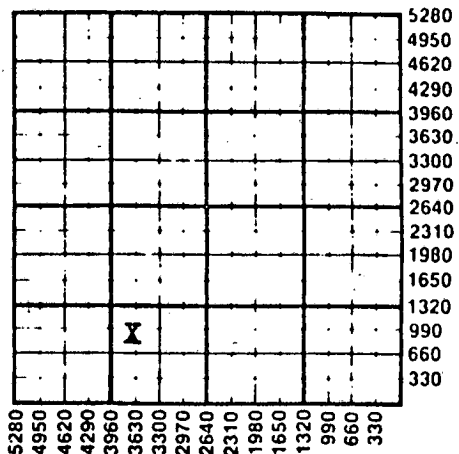
Lease Name LIBERTY Well # 1-17

Field Name TILTON, NE

Producing Formation LANSING

Elevation: Ground 2618 KB. 2623

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 600' Ft North from Southeast Corner (Stream, pond etc) 100' Ft West from Southeast Corner Sec 32 Twp 10 SRge 26 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 *Ralph J. Pittman*
Title PRESIDENT Date 3-5-86



Subscribed and sworn to before me this 5th day of March
Notary Public *David J. Pittman*

My Commission Expires August 6, 1989
6784 W. Hinsdale Pl.
Littleton, CO 80123

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

RECEIVED
STATE CORPORATION COMMISSION
MAR 7 1986 Form ACO-1 (7-84)

sec 17 imp 10 rege 26

PITTMAN & ASSOCIATES

Operator Name Lease Name..... LIBERTY Well #..... 1-17

Sec. 17 Twp. 10S Rge. 26 East West County..... SHERIDAN

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

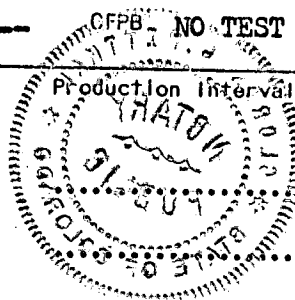
DST #1 3889 - 3935
30- 30- 15- 30
REC. 40' MUD WITH SOME FREE OIL IN TOOL
(1% OIL AND 99% MUD)
IFP- 46# - 58#
ICIP- 1214#
FFP- 58# - 58#
FCIP- 1146#
DST #2 3932 - 4040
30- 60- 60- 60
REC. 154' MUDDY SALT WATER, 124' SALT WATER
IFP- 70# - 105# ; ICIP- 1226#
FFP- 128# - 186# ; FCIP- 1226#
DST #3 4315 - 4360
15- 30- 15- 30
REC. 5' MUD WITH FEW SPOTS OF OIL
IFP- 35# - 35# ; ICIP- 46#
FFP- 35# - 35# ; FCIP- 35#

Table with 3 columns: Name, Top, Bottom. Rows include ANHYDRITE, HEEBNER, TORONTO, LANSING, MUNICE CREEK, STARK, BASE K.C., MARMATON, PAWNEE, FT. SCOTT, CHEROKEE, EROSIONAL MISS, CLEAN MISSISSIPPI.

CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Estimated Production. Includes fields for Purpose of String, Size Hole, Size Casing, Weight, Setting Depth, Type of Cement, #Sacks Used, Percent Additives, Shots Per Foot, Acid, Fracture, Shot, Cement Squeeze Record, Producing Method, and Estimated Production (Oil, Gas, Water).

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease



2 1/2" Quality Completed
1" Commingled
1" element W.D.T.C.
2 1/2" element W.D.T.C.