

SIDE ONE

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 # 5598
Name Pan Eastern Exploration Company
Address P.O. Box 351
City/State/Zip Liberal, Kansas 67901

Purchaser Panhandle Eastern Pipe Line Co.

Operator Contact Person M. L. Pease
Phone (316) 624-6253

Contractor: License # 5847
Name Gabbert-Jones, Inc.

Wellsite Geologist NA
Phone

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SMD 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

Spud Date 2/16/87 Date Reached TD 2/21/87 Completion Date 5/2/87
Total Depth 2935 PBD 2895

Amount of Surface Pipe Set and Cemented at 697 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. 15-189-21-003-0000
County Stevens
C. SE. Sec 18. Twp 32S. Rge. 37 East West

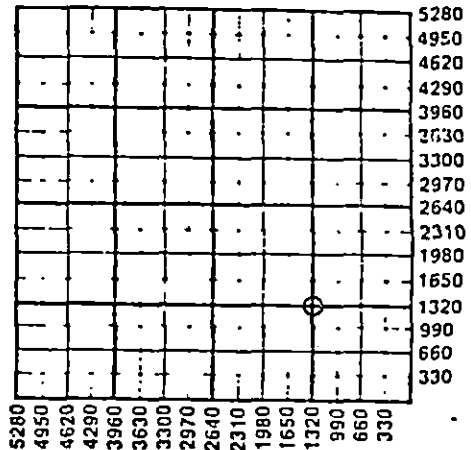
1320 Ft North from Southeast Corner of Section
1320 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name HILL "A" Well # 2H

Field Name Hugoton INFLU

Producing Formation Chase

Elevation: Ground 3154 KB 3159
Section Plat



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal Repressuring
Docket #

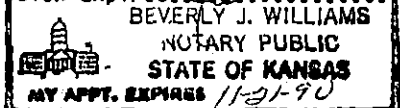
Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #
 Groundwater (Well) Ft North from Southeast Corner
Ft West from Southeast Corner
Sec Twp Rge East West
 Surface Water (Stream, pond etc) Ft North from Southeast Corner
Ft West from Southeast Corner
Sec Twp Rge East West
 Other (explain Purchased from City of Hugoton
(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 M. L. Pease
Title Division Production Manager Date 5/3/87

Subscribed and sworn to before me this 3th day of May, 1987
Notary Public Beverly J. Williams
Date Commission Expires November 21, 1990



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received
Distribution RECEIVED
STATE CORPORATION COMMISSION
 KCC SMD/Rep NGPA
 KGS Plug Other
MAY 12 1987
CONSERVATION DIVISION
Wichita, Kansas
Form ACO-1 (7-84)

Sec. 18, Twp. 32, Rge. 37

Operator Name Pan Eastern Exploration Company Lease Name HILL "A" Well 2H

Sec. 18 Twp. 32S Rge. 37W East West County Stevens

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

| Name | Top | Bottom |
|--------------|-------|--------|
| Sand, Redbed | 0' | 668' |
| Redbed | 668' | 1020' |
| Sand, Redbed | 1020' | 1120' |
| Shale | 1120' | 1260' |
| Sand | 1260' | 1435' |
| Shale | 1435' | 1819' |
| Lime, Shale | 1819' | 2030' |
| Shale, Lime | 2030' | 2437' |
| Lime, Shale | 2437' | 2624' |
| Lime | 2624' | 2935' |
| TD | | 2935' |

RELEASED

JUN 08 1988

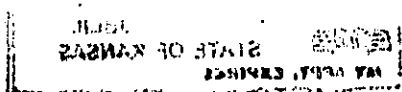
FROM CONFIDENTIAL

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
|--|---|--|----------------|---|----------------|---|----------------------------|
| 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 |
| Surface | 12-1/4 | 8-5/8 | 24 | 696 | Common | 450 | 3% CC |
| Production | 7-7/8 | 5-1/2 | 14 | 2934 | Pozmix | 460 | |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| 2 | 2574-90, 2610-40, 2662-86, 2710-60, 2772-2812 | | | Frac w/92,000 gal crosslinked gel + 247,000# 12/20 sand | | O.A. | |
| TUBING RECORD | | Size | Set At | Packer at | Liner Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| | | None | | | | | |
| Date of First Production | | Producing Method | | | | | |
| 5/2/87-SI WOPL | | <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... | | | | | |
| Estimated Production Per 24 Hours | | Oil | Gas | Water | Gas-Oil Ratio | Gravity | |
| → | | 0 Bbls | 4023 MCF | 0 Bbls | CFPB | --- | |

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 2574-2812' O.A.
 Used on Lease Dually Completed
 Commingled



GABBERT-JONES, INC.
WICHITA, KAS.

DRILLERS WELL LOG

HILL "A" #2H
C SE SEC. 18-32S-37W
STEVENS CO., KANSAS

COMMENCED: 2-16-87

COMPLETED: 2-21-87

OPERATOR: ANADARKO PETROLEUM CORPORATION

| DEPTH From | To | Formation | Remarks |
|---------------|------|------------------|---|
| 0 | 668 | Sand-Redbed | |
| 668 | 1020 | Redbed | Ran 16 jts. of 24# 8 5/8" |
| 1020 | 1120 | Sand Stks-Redbed | csg. set @ 696' w/450 |
| 1120 | 1260 | Shale | sks. Common 3% CC |
| 1260 | 1435 | Sand | PD @ 4:00 AM 2-17-87 |
| 1435 | 1819 | Shale | |
| 1819 | 2030 | Lime-Shale | |
| 2030 | 2437 | Shale-Lime | |
| 2437 | 2624 | Lime-Shale | Ran 73 jts. of 14# 5 1/2" |
| 2624 | 2935 | Lime | csg. set @ 2934' w/300 sks. 65/35 Posmix & 60 sks. 50/50 Posmix. PD @ 9:00 AM 2-21-87. |

2935 TD

RELEASED

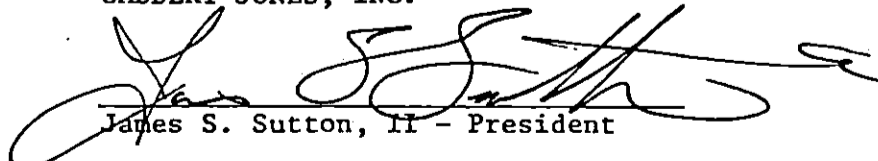
JUN 08 1988

FROM CONFIDENTIAL

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

STATE OF KANSAS)
) I, the undersigned, being duly sworn on oath, state that
COUNTY OF SEDGWICK) the above Drillers' Well Log is true and correct
) to the best of my knowledge and belief and according
) to the records of this office.

GABBERT-JONES, INC.


James S. Sutton, II - President

Subscribed & sworn to before me this 24th day of February 1987.


Lola Lenore Costa - Notary Public

My Commission expires 11-21-88

RECEIVED
STATE CORPORATION COMMISSION

MAY 1988

CONSERVATION DIVISION
Wichita, Kansas