

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 APX Corporation  
Address P. O. Box 351  
City/State/Zip Liberal, Kansas 67905-0351

Purchaser Panhandle Eastern Pipe Line Co.  
(Transporter)

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

Contractor: License # 5842  
Name Gabbert-Jones, Inc.

Wellsite Geologist NA  
Phone

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  
8/17/87 8/20/87 9/13/88  
Spud Date Date Reached TD Completion Date  
2805 2790  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 571 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  
Cement Company Name Halliburton Services  
Invoice # 584507

API NO. 15-129-20,884-00-00  
County Morton  
C E/2 SW Sec 8 33S Rge 39 East  
West

1320 Ft North from Southeast Corner of Section  
3300 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

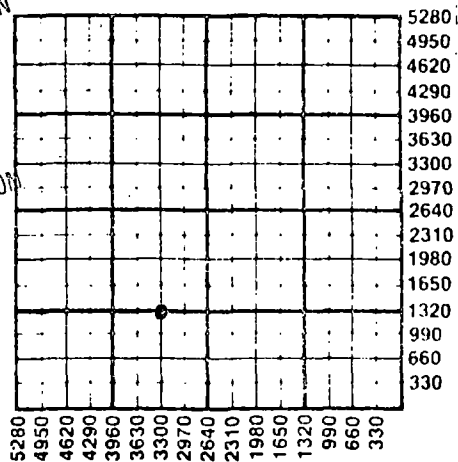
Lease Name Thrash "A" Well # 2H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3255.6 KB N/A

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) Contractor provided water  
(purchased from city, R.W.D. #)

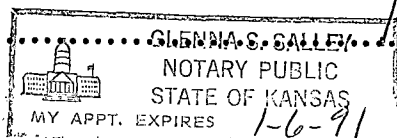
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 M. L. Pease  
Title Division Production Manager Date 12/29/88

Subscribed and sworn to before me this 29th day of Dec. 1988  
Notary Public Glenna S. Salley

Date Commission Expires



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)  
12-30-88  
Form ACO-1 (5-86)

Sec. 8 Twp. 33 Rge. 39

SIDE TWO

Operator Name ..... APX Corporation ..... Lease Name..... Thrash "A" ..... Well #..... 2H .....

Sec..... 8 ..... Twp..... 33S ..... Rge..... 39 .....  East  West County..... Morton .....

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'	572'
Sand, Shale	572	1232
Glorietta Sand	1232	1405
Shale	1405	1777
Lime, Shale	1777	2177
Shale, Lime	2177	2628
Lime	2628	2805
TD		2805

CASING RECORD  New  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"	24.0	571	Pozmix & Common	340	3% CC
Production	7-7/8"	5-1/2"	14.0	2803	Class C	235	10% DCD, 20% DCD

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	2437-2449, 2455-2487, 2506-2540, 2580-2611, 2639-2666, 2690-2700, 2726-2733, 2738-2744	Brk dwn w/17,900 gals 2% KCL wtr. Frac w/134,850 gals gelled 2% KCL wtr + 367,800# 12/20 sd	2437-2744 OA

TUBING RECORD

Size Set At Packer at Liner Run  Yes  No

Date of First Production 10/10/88 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	1450 MCF @ 85 psig	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  Open Hole  Perforation  Other (Specify) ..... 2437-2744 OA .....  Dually Completed  Commingled .....



A DIVISION OF HALLIBURTON COMPANY

INVOICE NO.	DATE
584507	08/17/1988

WELL LEASE NO.		WELL LOCATION		STATE	WELL OWNER	
CHRASH A-2R		MORTON		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #1		CEMENT SURFACE CASING		08/17/1988
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA		FILE NO.
584500	E R DETTMER			COMPANY TRUCK		4457

PAN-EASTERN EXPL CO  
BOX 351  
LIBERAL, KS 67901

**RECEIVED**  
STATE CORPORATION COMMISSION  
DEC 30 1988

DIRECT CORRESPONDENCE TO:  
SUITE 600  
COLORADO BERBY BUILDING  
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	14	MI	2.10	29.40
001-018	CEMENTING CASING PUMP CHARGE	572	FT	489.24	489.24
030-018	TYPE 5W, PLASTIC TOP PLUG	6 5/8	IN	82.00	82.00
504-043	PREMIUM CEMENT	143	SK	6.85	979.55
506-105	POZMIX A	47	SK	3.91	183.77
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
508-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	25.75	206.00
507-210	FLOCELE	85	LB	1.21	102.85
500-207	BULK SERVICE CHARGE	356	CFT	.95	338.20
500-306	MILEAGE	222.222	TMI	.70	155.56

INVOICE SUBTOTAL 3,594.07

DISCOUNT-(BID) 946.24

INVOICE BID AMOUNT 2,647.83

\*- KANSAS STATE SALES TAX 88.89

\*- SEWARD COUNTY SALES TAX 22.22

FINAL APPROVAL

*[Signature]*

LIBERAL OPERATIONS RECEIVED

**AUG 25 1987**

APPROVED \_\_\_\_\_ IDC \_\_\_\_\_

DATE 8-20-88

CODED BY *[Signature]* OPERATIONS

2039-2041

INVOICE TOTAL - PLEASE PAY THIS AMOUNT \$2,758.94

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

BW

GABBERT-JONES, INC.  
WICHITA, KAS.

DRILLERS WELL LOG

THRASH A-2H  
C E/2 SW/4 Sec. 8-33S-39W  
Morton County, Kansas

RECEIVED  
STATE CORPORATION COMMISSION

DEC 30 1988

COMMENCED: 8-17-87

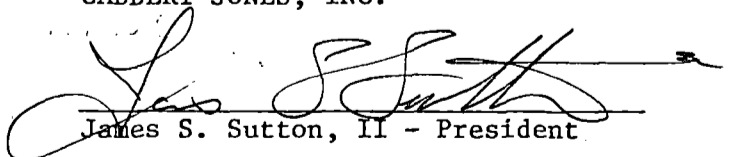
COMPLETED: 8-21-87

OPERATOR: ANADARKO PETROLEUM CORP.  
Wichita, Kansas

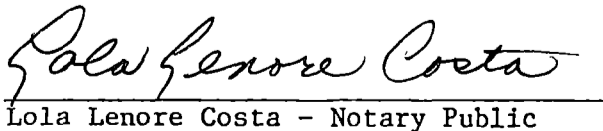
DEPTH			
From	To	Formation	Remarks
0	572	Sand-Redbed	Ran 13 jts of 24# 8 5/8"
572	1232	Sand-Shale	csg LD @ 571' w/190 sks
1232	1405	Glorita Sand	75/25 Posmix - 2% CC - 1/4#
1405	1777	Shale	Floseal - 150 sks Common
1777	2177	Lime-Shale	3% CC - 1/4# Floseal
2177	2628	Shale-Lime	PD @ 2:00 AM 8-18-87
2628	2805	Lime	
	2805 TD		Ran 69' jts of 14# 5 1/2" csg LD @ 2803' w/195' Class C 20% DCD - 2% CC - 1/4# Celco 40 sks Class C - 10% DCD 2% CC - 1/4# Celco P D @ 6:45 AM 8-21-87. Rig released 7:45 AM.

STATE OF KANSAS ) I, the undersigned, being duly sworn on oath, state that  
) the above Drillers' Well Log is true and correct  
COUNTY OF SEDGWICK) 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 26th day of August 1987.

  
Lola Lenore Costa - Notary Public

My Commission expires 11-21-88