

ORIGINAL

SIDE ONE

MAR 0 4

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 OWD: old well info as follows:  
Operator  
Well Name  
Comp. Date  
Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
7/13/88 7/16/88 9/23/88  
Spud Date Date Reached TD Completion Date  
2837 2826  
Total Depth PBD  
Amount of Surface Pipe Set and Cemented at 518 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set  
If alternate 2 completion, cement circulated  
from feet depth to w/SX cmt  
Cement Company Name Halliburton Services  
Invoice # 769398

API NO. 15-189-21,212-0000 FROM CONFIDENTIAL  
County Stevens  
NENE SW SW Sec 30 Twp 32S Rge 38 East  
 West

1250 Ft North from Southeast Corner of Section  
4030 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Shafer "D" Well # 1H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3205.3 KB

Section Plat

Table with 10 columns and 10 rows representing a section plat. Values range from 5280 to 330.

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. #)

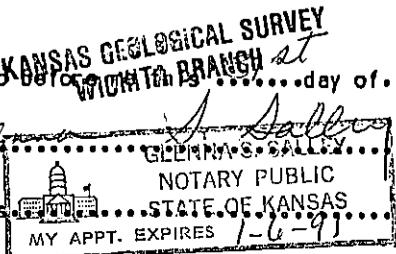
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.

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 NOV 0 1 1988

Subscribed and sworn to before me on this day of Nov 1988  
Notary Public  
Date Commission Expires



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

Sec. 30 Page 3 of 3

Operator Name APX Corporation Lease Name Shafer "D" Well # 1H  
 RELEASED

Sec 30 Twp 32S Rge 38 East West County Stevens 4 1991

WELL LOG

FROM CONFIDENTIAL

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, Clay	0'	523'
Redbed	523	1240
Glorietta Sand	1240	1393
Shale	1393	2730
Shale, Lime	2730	2837
TD		2837

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	518	Pozmix & Common	295	3% CC
Production	7-7/8"	5-1/2"	14.0	2831	Class C	245	10% DCD, 20% DCD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2454-2470, 2474-2515, 2524-2564, 2600-2640, 2655-2684, 2708-2723, 2752-2763	Brkdn w/21,200 gal 2% KCL wtr F/135,000 gelled 2% KCL wtr & 367,800# 12/20 sd	2454-2763

TUBING RECORD	Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production	Producing Method
9/27/88	<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 @ 94 psig		2100 NCF			

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  
 Open Hole  Perforation  Other (Specify) ..... 2454-2763 OA..  
 Dually Completed  Commingled .....

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MAR 0 4 1991

FROM CONFIDENTIAL

Attachment

Shafer "D" No. 1H  
Sec. 30-32S-38W  
Stevens County, Kansas

API NUMBER: 15-189-21,212

<u>FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>
Blaine	1126	1202
Cedar Hills	1240	1402
Stone Corral	1670	1707
Chase	2445	NA
Council Grove	NA	NA
TD		2837

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STATE CORPORATION COMMISSION

MAR - 4 1991

CONSERVATION DIVISION  
Wichita, Kansas

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MAR 0 4 1991

FROM CONFIDENTIAL

SHAFER "D" 1H  
SEC. 30-32S-38W  
STEVENS COUNTY, KANSAS

Commenced: 7-13-88  
Completed: 7-16-88  
Operator: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	523	Sand - Clay	Ran 12 jts of 24# 8 5/8" csg LD @ 518' w/145 sks 25/75 Posmix - 2% CC - 1/4# Celoflake - 150 sks common 3% CC - 1/4# Celoflakes PD @ 11:15 PM 7-13-88.
523	1240	Redbed	
1240	1393	Glorita Sand	
1393	2730	Shale	
2730	2837	Shale - Lime	
	2837 TD		Ran 68 jts of 14# 5 1/2" csg LD @ 2832' w/205 sks Class C - 20% DCD 2% CC - 1/4# Celoflake - 40 sks Class C - 10% DCD 2% CC - 1/4# Celoflake PD @ 10:45 AM 7-16-88.


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STATE CORPORATION COMMISSION

NOV 1 1988

CONSERVATION DIVISION  
Wichita, Kansas

State of Kansas )  
County of Sedgwick ) I, the undersigned, being duly sworn on oath, state that 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

NOV 01 1988

Subscribed & sworn to before me this  
26th day of July 1988.



Lola Lenore Costa

My Commission expires Nov. 21, 1988

CUSTOMER COPY  
**INVOICE**  
 INVOICE



15-169-21212-0600  
**ORIGINAL**

REMIT TO:  
 P.O. BOX 651046  
 DALLAS, TX 75265

INVOICE NO. 769398	DATE 07/16/1988
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WELL LEASE NO. SHAFER D-1H	WELL LOCATION STEVENS	STATE KS	WELL OWNER SAME
SERVICE LOCATION LIBERAL	CONTRACTOR GABBERT & JONES	JOB PURPOSE CEMENT PRODUCTION CASING	TICKET DATE 07/16/1988
ACCT. NO. 001527	CUSTOMER AGENT E E BETTNER	VENDOR NO.	CUSTOMER P.O. NUMBER
SHIPPED VIA COMPANY TRUCK		FILE NO. 51752	

APX CORPORATION  
 P. O. BOX 351  
 LIBERAL, KS 67905-0351

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

**RELEASED**  
 MAR 0 4 1991  
**FROM CONFIDENTIAL**

PRICE REF. NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT												
000-117	MILEAGE	12	MI	2.10	25.20												
		1	UNT														
001-016	CEMENTING CASING PUMP CHARGE	2337	FT	379.00	879.00												
		1	UNT														
030-016	TYPE 5W ALUMINUM PLUG-TOP	5.5	IN	41.00	41.00												
		1	EA														
314-232	FDP-W406 (LIQUID KCL)	2	GAL	15.00	30.00												
504-050	PREMIUM PLUS CEMENT	245	SK	7.08	1,734.60												
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	25.75	128.75												
507-210	FLOCELE	61	LB	1.21	73.81												
500-959	CELITE	4250	LB	.41	1,742.50												
500-207	BULK SERVICE CHARGE	510	CFT	.95	484.50												
500-306	MILEAGE	156.446	TMI	.70	116.51												
INVOICE SUBTOTAL					5,255.87												
DISCOUNT-(BID)					998.58-												
INVOICE BID AMOUNT					4,257.29												
* - KANSAS STATE SALES TAX					140.03												
* - SEWARD COUNTY SALES TAX					34.99												
<b>RECEIVED</b> STATE CORPORATION COMMISSION NOV 1 1988 CONSERVATION DIVISION Wichita, Kansas																	
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2">FINAL APPROVAL</td> </tr> <tr> <td>APPROVED</td> <td>LOCATION</td> </tr> <tr> <td colspan="2" style="text-align: center;">LIBERAL OPERATIONS RECEIVED</td> </tr> <tr> <td colspan="2" style="text-align: center; font-size: 1.5em;">JUL 20 1988</td> </tr> <tr> <td>APPROVED</td> <td>DATE</td> </tr> <tr> <td>APPROVED</td> <td>DATE</td> </tr> </table>					FINAL APPROVAL		APPROVED	LOCATION	LIBERAL OPERATIONS RECEIVED		JUL 20 1988		APPROVED	DATE	APPROVED	DATE	
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APPROVED	DATE																
APPROVED	DATE																
INVOICE TOTAL																	

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.