

ORIGINAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION 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 Company  
(Transporter)

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If **OWO**: old well info as follows:  
Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

8-22-90 8-25-90 1-14-91  
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21,145 400-00

County Seward

APP SW NW NE Sec. 4 Twp. 33S Rge. 34 East:  West: \_\_\_\_\_

4030 Ft. North from Southeast Corner of Section

2043 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

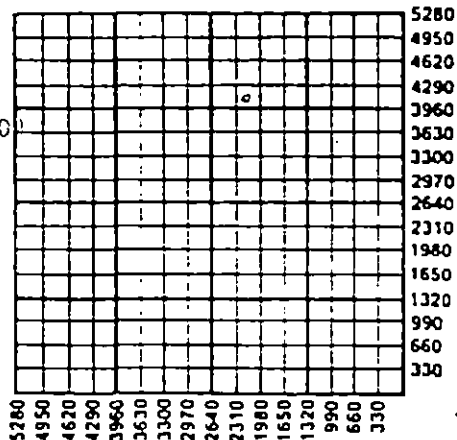
Lease Name Hitch "F" Well # 3H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2883.9 KB NA

Total Depth 2810 PBTD 2790



Amount of Surface Pipe Set and Cemented at 594 Feet

Multiple Stage Cementing Collar Used? Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

RECEIVED  
STATE CORPORATION COMMISSION  
MAR 15 1991  
CONSERVATION DIVISION  
Wichita, Kansas

A 15 2'

**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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Beverly J. Williams  
Title Engineering Technician Date 2-7-91

Subscribed and sworn to before me this 7th day of February, 19 91.

Notary Public Cheryl Steens

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)

PI

SIDE TWO

Operator Name APX Corporation

Lease Name Hitch "F"

Well # 3H

Sec. 4 Twp. 33S Rge. 34  
 East  
 West

County Seward

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p style="text-align: center;"><b>Formation Description</b></p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log    <input type="checkbox"/> Sample</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Blaine</td> <td>980</td> <td>1059</td> </tr> <tr> <td>Cedar Hills</td> <td>1116</td> <td>1288</td> </tr> <tr> <td>Stone Corral</td> <td>1600</td> <td>1662</td> </tr> <tr> <td>Chase</td> <td>2568</td> <td>NA</td> </tr> <tr> <td>Council Grove</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>TD</td> <td></td> <td>2810</td> </tr> </tbody> </table>	Name	Top	Bottom	Blaine	980	1059	Cedar Hills	1116	1288	Stone Corral	1600	1662	Chase	2568	NA	Council Grove	NA	NA	TD		2810
Name	Top		Bottom																				
Blaine	980		1059																				
Cedar Hills	1116		1288																				
Stone Corral	1600	1662																					
Chase	2568	NA																					
Council Grove	NA	NA																					
TD		2810																					
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																						
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																						
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																						

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	594	Pozmix & Common	310	2% cc 3% cc
Production	7 7/8	5 1/2	14	2708	Class "C"	245	20% DCD 10% 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	2653-2690			A/14,800 gals 50% N2-28% gelled fe acid, A/4200 gals 50% N2-28% fe acid.			2653-2690
2	2609-46, 2578-90			A/19,600 gals 50% N2-28% stabled gelled fe acid. A/5570 gals 50% N2-28% fe acid.			2578-2646
TUBING RECORD				Liner Run			
None	Size	Set At	Packer At	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production SI WO Pipeline	Producing Method <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	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio    Gravity
			887				

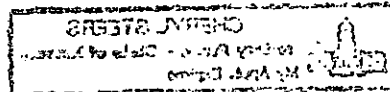
Disposition of Gas:     Vented     Sold     Used on Lease  
 (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole     Perforation     Dually Completed     Commingled

Other (Specify) \_\_\_\_\_

Production Interval: 2578-2690 O.A.





REMIT TO:  
P. O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
014457	08/22/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
HITCH "F" 3H		SEWARD		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #11	CEMENT SURFACE CASING		08/22/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
001527	JOHN SHILLING			COMPANY TRUCK	00717

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

DIRECT CORRESPONDENCE TO:  
SUITE 1300  
LIBERTY TOWER  
100 BROADWAY AVENUE  
OKLAHOMA CITY, OK 73102-0000

1211-204

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	18.8	MI	2.35	44.65
001-016	CEMENTING CASING	602	FT	630.00	630.00
030-018	CEMENTING PLUG 5W, PLASTIC TOP	8 5/8	IN	100.00	100.00
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
504-043	PREMIUM CEMENT	120	SK	6.85	822.00
506-105	POZMIX A	40	SK	3.91	156.40
507-210	FLOCELE	78	LB	1.30	101.40
509-406	ANHYDROUS CALCIUM CHLORIDE	7	SK	26.25	183.75
500-207	BULK SERVICE CHARGE	329	CFT	1.10	361.90
500-306	MILEAGE CMTG MAT DEL OR RETURN	275.291	TMI	.75	206.47
INVOICE SUBTOTAL					3,634.07
DISCOUNT-(BID)					1,090.21-
INVOICE BID AMOUNT					2,543.86
*-KANSAS STATE SALES TAX					88.05
*-SEWARD COUNTY SALES TAX					20.71
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,652.62

RECEIVED  
STATE CORPORATION COMMISSION  
MAR 15 1991  
CONSERVATION DIVISION  
Wichita, Kansas

*Jim Barton*

9-7-90

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.



HALLIBURTON SERVICES

ORIGINAL

REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

INVOICE NO.	DATE
014432	08/25/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
HITCH F-3H		SEWARD		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
LIBERAL		GABBERT & JONES		CEMENT PRODUCTION CASING	
TICKET DATE					
08/25/1990					
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
001527	JIM BARLOW			COMPANY TRUCK	00717

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

DIRECT CORRESPONDENCE TO:  
SUITE 1300  
LIBERTY TOWER  
100 BROADWAY AVENUE  
OKLAHOMA CITY, OK 73102-0000

1211-2041

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	19	MI	2.35	44.65
001-016	CEMENTING CASING	2810	FT	1,045.00	1,045.00
030-018	CEMENTING PLUG 5W, PLASTIC TOP	5.5	IN	53.00	53.00
018-315	MUD FLUSH	1260	GAL	.45	567.00
218-738	CLAYFIX II	2	GAL	20.00	40.00
504-050	PREMIUM PLUS CEMENT	245	SK	7.08	1,734.60
507-210	FLOCELE	61	LB	1.30	79.30
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	26.25	131.25
500-959	CELITE	4250	LB	.42	1,785.00
500-207	BULK SERVICE CHARGE	509	CFT	1.10	559.90
500-306	MILEAGE CMTG MAT DEL OR RETURN	263.549	TMI	.75	197.66
INVOICE SUBTOTAL					6,237.36
DISCOUNT-(BID)					2,183.05-
INVOICE BID AMOUNT					4,054.31
*-KANSAS STATE SALES TAX					125.44
*-SEWARD COUNTY SALES TAX					29.50
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$4,209.25

*Jim Barlow*

9-7-90



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.