

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

ORIGINAL

API NO. 15- 175-20,694-A66-01

County Seward

App N/2 S/2 NW Sec. 3 Twp. 33S Rge. 34 East: X West:

3622 Ft. North from Southeast Corner of Section

4140 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Hitch "G" Well # 13H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2888 KB 2899

Total Depth 3090 PBDT 2835

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: Anadarko Petroleum Corporation

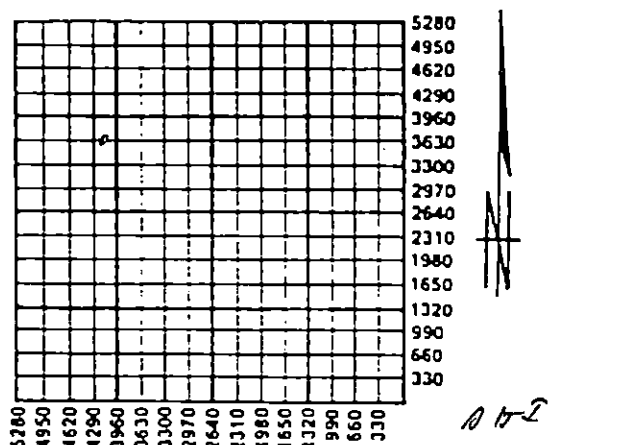
Well Name: Hitch "G" No. 13

Comp. Date 8-21-83 Old Total Depth 6624

Drilling Method:

Mud Rotary Air Rotary Cable

8-25-90 8-25-90 12-17-90
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 1649 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.

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 1-29-91

Subscribed and sworn to before me this 29 day of January, 19 91.

Notary Public Cheryl Steers

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)

P1

SIDE TWO

Operator Name APX CORPORATION

Lease Name HITCH "G"

Well # 13H

Sec. 3 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.

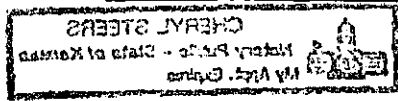
Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p style="text-align: center;">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Blaine</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Cedar Hills</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Stone Corral</td> <td>1594</td> <td>1668</td> </tr> <tr> <td>Chase</td> <td>2576</td> <td>NA</td> </tr> <tr> <td>Panoma Council Grove</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>TD</td> <td></td> <td>3090</td> </tr> </tbody> </table>	Name	Top	Bottom	Blaine	NA	NA	Cedar Hills	NA	NA	Stone Corral	1594	1668	Chase	2576	NA	Panoma Council Grove	NA	NA	TD		3090
Name	Top		Bottom																				
Blaine	NA		NA																				
Cedar Hills	NA		NA																				
Stone Corral	1594	1668																					
Chase	2576	NA																					
Panoma Council Grove	NA	NA																					
TD		3090																					
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 checked="" 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	1649	Pozmix & Common	800	4% gel 3% cc
Production	7 7/8	5 1/2	14	2835	Class "C"	130	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	2651-97			A/18,400 gals 50 Qual N2-28% stable gelled Fe Acid. A/5230 gals 50 Qual N2-28% Fe Acid.			2651-97
2	2607-43, 2576-88			A/19,200 gals 50 Qual N2-28% stable gelled Fe Acid. A/600 gals 28% Fe Acid. A/2900 gals n2-28% stabled gelled fe acid.			2576-2643
TUBING RECORD				Liner Run			
None				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing Method						
SI WO PIPELINE	<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 700 Mcfd	Water - Bbls.	Gas-Oil Ratio	Gravity		

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: 2576-2697 O.A.





HALLIBURTON SERVICES

A Halliburton Company

INVOICE

INVOICE NO.	DATE
014358	08/26/1990

WELL LEASE NO./PLANT NAME HITCH "G" 1-3H		WELL/PLANT LOCATION SEWARD	STATE KS	WELL/PLANT OWNER SAME
SERVICE LOCATION LIBERAL		CONTRACTOR GABBERT & JONES	JOB PURPOSE COMBINATION PLUG BACK & CASING	
TICKET DATE 08/26/1990				
ACCT. NO. 001527	CUSTOMER AGENT JOHN SHILLING	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK
				FILE NO. 00717

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

1105-2041

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	18	MI	2.35	42.30
001-016	CEMENTING CASING	2844	FT	1,045.00	1,045.00
030-018	CEMENTING PLUG 5W, PLASTIC TOP	5.5	IN	53.00	53.00
009-308	PLUG-BACK & CASING JOB COMBO	8	HR	765.00	765.00
018-315	MUD FLUSH	1260	GAL	.45	567.00
218-738	CLAYFIX II	2	GAL	20.00	40.00
504-043	PREMIUM CEMENT	75	SK	6.85	513.75
500-207	BULK SERVICE CHARGE	75	CFT	1.10	82.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	88.125	TMI	.75	66.09
504-050	PREMIUM PLUS CEMENT	130	SK	7.08	920.40
507-210	FLOCELE	33	LB	1.30	42.90
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK	26.25	78.75
500-959	CELITE	2050	LB	.42	861.00
500-207	BULK SERVICE CHARGE	260	CFT	1.10	286.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	181.7875	TMI	.75	136.34
INVOICE SUBTOTAL					5,500.03
DISCOUNT-(BID)					1,924.98-
INVOICE BID AMOUNT					3,575.05
*-KANSAS STATE SALES TAX					84.02
*-SEWARD COUNTY SALES TAX					19.77
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,678.84

Jim Balow

RECEIVED
STATE CORPORATION COMMISSION
14N 31 1991
9-2-90 CONSERVATION DIVISION
Topeka, Kansas

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.

ORIGINAL

GABBERT-JONES, INC.
DRILLERS' WELL LOG

WELL NAME: HITCH G-13H
SEC. 3-33S-34W
SEWARD COUNTY, KANSAS

OLD INFORMATION

NEW INFORMATION

COMMENCED: 8-7-83

8-25-90

COMPLETED: 8-21-83

8-27-90

OPERATOR: ANADARKO PRODUCTION CO.

ANADARKO PETROLEUM CORP.

TD: 6624

3095

Depth		Formation	Remarks
From	To		
0	1400	Cement - Mud	1649' of 8 5/8" csg (was Anadarko Production Co. 13 "G" Hitch)
1400	3095	Mud - Cement	
	3095 TD		

Ran 70 jts of 14# 5 1/2" csg
set @ 2835' w/90 sks Class C
20% DCD - 2% CC - 1/4# FS -
40 sks Class C - 10% DCD - 2% CC
1/4# FS
PD @ 11:30 PM 8-26-90
RR @ 12:30 AM 8-27-90.

STATE OF KANSAS
14N 31 1991

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.
James S. Sutton, II. -- President

Subscribed & sworn to before me this
4th day of September 1990

Lola Lenore Costa
Lola Lenore Costa

My commission expires Nov. 21, 1992

