

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

API NO. 15- 175-20,520-00-01
County Seward
NW NW NE Sec. 2 Twp. 33S Rge. 34 East: X West:

Operator: License # 5598

4950 Ft. North from Southeast Corner of Section

Name: APX CORPORATION

2310 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address P. O. Box 351

Lease Name Black "C" Well # 1H

City/State/Zip Liberal, KS 67905-0351

Field Name Hugoton

Producing Formation Chase

Purchaser: Panhandle Eastern Pipe Line Company
(Transporter)

Elevation: Ground 2886 KB NA

Operator Contact Person: J. L. Ashton

Total Depth 3097 PBDT 2812

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: Black "C" No. 1

Comp. Date 3-2-81 Old Total Depth 6380

Drilling Method:

Mud Rotary Air Rotary Cable

8-28-90 8-29-90 11-27-90

Spud Date Date Reached TD Completion Date

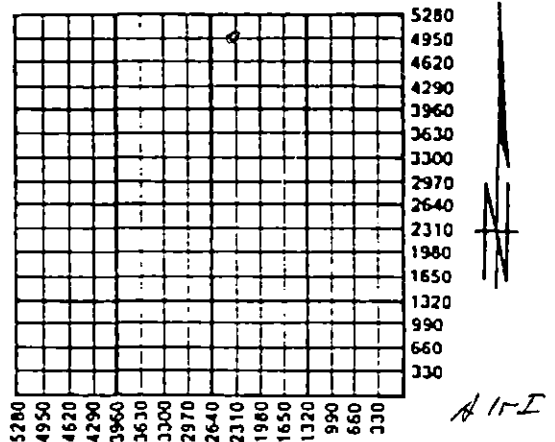
Amount of Surface Pipe Set and Cemented at 1644 Feet

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 12-19-90

Subscribed and sworn to before me this 19th day of December, 19 90.

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
 SWD/Rep NPGA
 Plug Other (Specify)
KCC
KGS
COMMISSION
1-4-91

Operator Name APX CORPORATION Lease Name BLACK "C" Well # 1H
 Sec. 2 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.

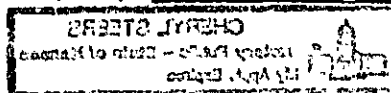
Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <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>1620</td> <td>1690</td> </tr> <tr> <td>Chase</td> <td>2556</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>3097</td> </tr> </tbody> </table>	Name	Top	Bottom	Blaine	NA	NA	Cedar Hills	NA	NA	Stone corral	1620	1690	Chase	2556	NA	Panoma Council Grove	NA	NA	TD		3097
Name	Top		Bottom																				
Blaine	NA		NA																				
Cedar Hills	NA		NA																				
Stone corral	1620	1690																					
Chase	2556	NA																					
Panoma Council Grove	NA	NA																					
TD		3097																					
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	1641	Pozmix & Common	800	4% gel 2% cc
Production	7 7/8	5 1/2	14	2812	Class "C"	205	2% cc 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	2640-70			A/12,000 gals 50% N2-28% stable gelled acid. A/3410 gals 50% N2-28% fe acid.			2640-70
2	2596-2634, 2556-70			A/20,800 gals 50% N2-28% stable gelled fe acid. A/5910 gals 50% N2-28% fe acid.			2556-2634
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
SI WO PIPELINE							
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	747 Mcf	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: 2556-2670



ORIGINAL

GABBERT-JONES, INC.
DRILLERS' WELL LOG

WELL NAME: BLACK C - 1H
SEC. 2-33S-34W
SEWARD COUNTY, KANSAS

NEW INFORMATION:
COMMENCED: 8-28-90
COMPLETED: 8-29-90
OPERATOR: ANADARKO PRODUCTION CO.
TD: 3097

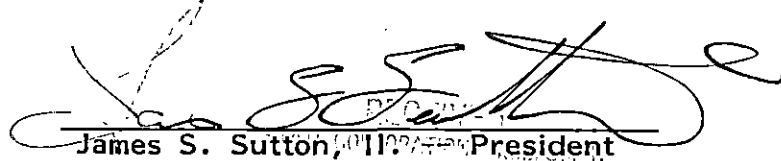
OLD INFORMATION:
COMMENCED: 2-18-81
COMPLETED: 3-2-81
TD: 6380

Depth From	To	Formation	Remarks
0	3097	Cement-Mud	1641' of 8 3/8" csg. (was Anadarko Production) Co - #1 Black C)
	3097 TD		
			Ran 69 jts pf 14# 5 1/2" csg set @ 2812' w/165 sks Class C-20% DCD-2% CC- 1/4# FS - 40 sks Class C - 10% DCD - 2% CC 1/4# FS
			PD @ 2:30 PM 8-29-90

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, President

Subscribed & sworn to before me this
September 4, 1990

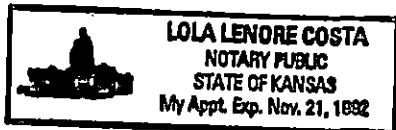
JAN 4 1991

CONSERVATION DIVISION
Wichita, Kansas



Lola Lenore Costa

My commission expires Nov. 21, 1992





HALLIBURTON SERVICES



INVOICE

INVOICE NO.	DATE
014528	08/29/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
BLACK "C" 1-H		SEWARD		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
LIBERAL		GABBERT & JONES		CEMENT PRODUCTION CASING	
TICKET DATE					
08/29/1990					
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
001527	JIM BARLOW			COMPANY TRUCK	00811

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	15	MI	2.35	35.25
		1	UNT		
001-016	CEMENTING CASING	2821	FT	1,045.00	1,045.00
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	5.5	IN	47.00	47.00
		1	EA		
018-315	MUD FLUSH	1260	GAL	.45	567.00
218-738	CLAYFIX II	2	GAL	20.00	40.00
504-050	PREMIUM PLUS CEMENT	205	SK	7.08	1,451.40
507-210	FLOCELE	51	LB	1.30	66.30
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	26.25	105.00
500-959	CELITE	3500	LB	.42	1,470.00
500-207	BULK SERVICE CHARGE	421	CFT	1.10	463.10
500-306	MILEAGE CMTG MAT DEL OR RETURN	312.4035	TMI	.75	234.30
INVOICE SUBTOTAL					5,524.35
DISCOUNT-(BID)					1,933.50-
INVOICE BID AMOUNT					3,590.85
*-KANSAS STATE SALES TAX					105.99
*-SEWARD COUNTY SALES TAX					24.94
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,721.78

1137-2041

RECEIVED-90
STATE CORPORATION COMMISSION
JAN 4 1991

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

A Halliburton Company

INVOICE NO.	DATE
014527	08/29/1990

INVOICE

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
BLACK "C" 1-H		SEWARD		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #1		PLUG BACK		08/29/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
001527	JIM BARLOW			COMPANY TRUCK	00811	

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	15	MI	2.35	35.25
009-019	PLUGGING BK SPOT CEMENT OR MUD	3086	FT	1,070.00	1,070.00
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	95.175	TMI	.75	71.38
INVOICE SUBTOTAL					1,772.88
DISCOUNT-(BID)					443.20-
INVOICE BID AMOUNT					1,329.68
*- KANSAS STATE SALES TAX					21.29
*- SEWARD COUNTY SALES TAX					5.01
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,355.98

1137-2041

13-1990

RECEIVED STATE CORPORATION COMMISSION

JAN 4 1991

CONSERVATION DIVISION Wichita-Kansas

Handwritten signature/initials

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