

ORIGINAL

SIDE ONE

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

API NO. 15-189-21,285-0000

County Stevens FROM SE CONFIDENTIAL Wichita, Kansas NE SE NW 8 32S 37 West

Operator: License # 5598 Name APX Corporation Address P.O. Box 351 City/State/Zip Liberal, Kansas 67905-0351

3890 Ft North from Southeast Corner of Section 2970 Ft West from Southeast Corner of Section (Note: Locate well in section plat below)

Purchaser Anticipated: Panhandle Eastern Pipe Line Co.

Lease Name Emberton "B" Well # 1H Field Name Hugoton

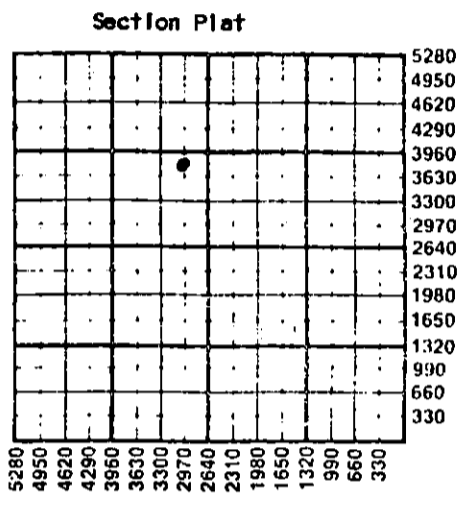
Operator Contact Person M. L Pease Phone (316) 624-6253

Producing Formation Chase Elevation: Ground 3141 KB

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

Wellsite Geologist Mike Dodge NA Phone

Designate Type of Completion X New Well Re-Entry Workover Oil SWD Temporary Gas Inj X Delayed Comp Dry Other (Core, Water Supply etc) If OWFO: old well info as follows: Operator Well Name Comp. Date Old Total Depth



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WATER SUPPLY INFORMATION Disposition of Produced Water: Disposal Docket # Repressuring

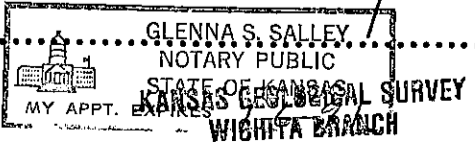
Questions on this portion of the ACO-1 call: Water Resources Board (913) 296-3717 Source of Water: Division of Water Resources Permit # Groundwater Surface Water X Other (explain) Contractor provided water

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 12/12/88

Subscribed and sworn to before me this 19th day of Dec 1988. Notary Public Glenna S. Salley



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

Sec 8 Twp 32R Rge 37W

Operator Name APX Corporation Lease Name Emberton "B" Well # 1H

Sec. 8 Twp. 32 Rge. 37  East  West County Stevens

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

Cores:

- #1 5928-5945' (L. Morrow)  
Rec. 17' Shale
- #2 5945-5997' (L. Morrow)  
Rec. 52' Shale
- #3 5997-6018' (L. Morrow)  
Rec. 21' Shale

Name	Top	Bottom
Sand	0'	800'
Redbed	800	2808
Lime, Shale	2808	3105
Shale	3105	3395
Lime, Shale	3395	3911
Shale	3911	4130
Lime, Shale	4130	4586
Shale	4586	4753
Lime, Shale	4753	5497
Shale	5497	5700
Lime, Shale	5700	5928
Shale (Cored)	5928	6018
Lime, Shale	6018	6172
Shale	6172	6292
Lime, Shale	6292	6450

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"	24.0	1770	50/50 Pop. Common	650	4% gel + 2% CC
Production	7-7/8"	5-1/2"	14.0	2959	Class C	270	2% CC + 10% Diacel D + 2% + 1/4#/Sxs Flo-cele
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size NA	Set At	Packer at				
Date of First Production		Producing Method					
SI WO Comp		<input 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	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) Delayed  
 Used on Lease  Dually Completed  
 Commingled



DOWELL SCHLUMBERGER INCORPORATED

COPY

# INVOICE

REMIT TO:

P O BOX 201550  
HOUSTON TX 77216

INVOICE DATE

10/30/88

INVOICE NUMBER

03-12-1230

1512

336928  
ANADARKO PETROLEUM CORP

BOX 351  
LIBERAL KS 67901

RECEIVED  
STATE CORPORATION COMMISSION

DEC 21 1988

CONSERVATION DIVISION  
Wichita, Kansas

PAGE

TYPE SERVICE

CEMENTING  
PIPERACE/CONDUCTO

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
EMBERTON P-1	KS	STEVENS	ULYSSES, KS	DS	
LOCATION / PLANT ADDRESS	DATE OF SERVICE ORDER		CUSTOMER OR AUTHORIZED REPRESENTATIVE		
SEC 8-323-37W	10/30/88		JIM BARLOW		

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
053213000	CASING CENTR 1300-1999 FT.	HR	1	355.0000	355.00
059200001	MILEAGE, EACH SERVICE TRUCK	MI	7	2.2000	15.40
049102000	TRANSPORTATION CHMT TON MILE	MI	270	.7500	202.50
049100000	SERVICE CHE CEMENT MATL LAND	CFT	879	1.0000	879.00
100907125	0863, LIGHTWEIGHT / CEMENT-P	CFT	559	4.5000	3,120.00
040015000	1909, CEMENT CLASS H	CFT	200	6.8000	1,360.00
000401002	020, BENTONITE BLD-1-45	CFT	254	3.7000	941.00
067005100	31, CALCIUM CHLORIDE	LBS	1468	.2700	396.36
048501005	PLUG CENG 8-5/8" WOODEN BODY	EA	1	53.9000	53.90
057499001	X232, THD LKG COMPOUND KIT	EA	1	20.0000	20.00
049102000	TRANSPORTATION CHMT TON MILE	MI	33	.7500	24.75
049100000	SERVICE CHE CEMENT MATL LAND	CFT	100	1.0000	100.00
040015000	0909, CEMENT CLASS H	CFT	100	6.8000	680.00
	DISCOUNT - MATERIAL				1,434.61-
	DISCOUNT - SERVICE				319.41-

SUB TOTAL -- 5,062.05

STATE TAX ON 4,303.81 172.35

AMOUNT DUE -- 6,034.20

4436-2041  
KX 11-7

LIBERAL OPERATIONS RECEIVED

NOV 07 1988

PROVED	IDC
DATE	TANGIBLE
BY	APPROVED

WITH QUESTIONS CALL 316-350-1272  
FEDERAL TAX ID # 36-239-7173  
CPHS -- 451.73 RATE DUE ON OR BEFORE NOV 29, 1988

THANK YOU. WE APPRECIATE YOUR BUSINESS.

*[Signature]*  
K J JOHNSON

GABBERT-JONES  
DRILLERS WELL LOG

EMBERTON "B" #1  
SEC. 8-32S-37W  
STEVENS COUNTY, KANSAS

RECEIVED  
STATE CORPORATION COMMISSION

DEC 21 1988

Commenced: 10-28-88  
Completed: 11-12-88  
Operator: ANADARKO PETROLEUM CORPORATION


CONSERVATION DIVISION  
Wichita, Kansas

Depth		Formation	Remarks
From	To		
0	800	Sand	Ran 41 jts of 24# 8 5/8"
800	2808	Redbed	csg LD @ 1720' w/650 sks
2808	3105	Lime - Shale	Posmix, 4% Gel, 2% CC
3105	3395	Shale	200 sks Common, 2% CC
3395	3911	Lime - Shale	PD @ 12:30 PM 10-30-88
3911	4130	Shale	1" to 120' w/100 sks Class H
4130	4586	Lime - Shale	Complete @ 3:00 PM 10-30-88
4586	4753	Shale	
4753	5497	Lime - Shale	
5497	5700	Shale	Ran 72 jts of 14# 5 1/2"
5700	5928	Lime - Shale	csg LD @ 2959' w/270
5928	5945	Core #1	sks Class C - 10 lit
5945	5997	Core #2	2% CC - 1/4# FS
5997	6018	Core #3	PD @ 5:00 AM 11-12-88
6018	6172	Lime - Shale	RR @ 6:00 AM 11-12-88
6172	6292	Shale	
6292	6450	Lime - Shale	
	6450 TD		

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

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH  
DEC 20 1988

Subscribed & sworn to before me this  
17th day of November 1988

  
Lola Lenore Costa

My Commission expires Nov. 21, 1988