

Operator Name APX Corporation Lease Name Hawkins "C" Well # 1H

Sec 12 Twp 34S Rge 40 East West County Morton RELEASED

WELL LOG

FEB 28 1991

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'	244'
Shale, Redbed	244	521
Redbed	521	1253
Glorietta Sand	1253	1410
Redbed	1410	2624
Lime	2624	2882
TD		2882

RELEASED

FEB 28 1991

FROM CONFIDENTIAL

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	520	Pozmix & Common	325	3% CC
Production	7-7/8"	5-1/2"	14.0	2882	Class C	255	10% DCD, 20% 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	2506-2514	2522-2552	2589-2613	Brk dwn w/11,200 gal 2% KCL wtr. Frac w/62,000 gal x-link gel: 2% KCL wtr & 159,000# 12/20 sd.		2506-2669 OA	
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).....						
1/31/89							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	Bbls	1350 MCF @ 84#	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Open Hole Perforation Used on Lease Other (Specify) 2506-2669 OA
 Dually Completed Commingled

2-23-91

RELEASED

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FROM CONFIDENTIAL

API # 15 129 20,937
Hawkins "C" Lease Well #1H
NW NW SE SE 12 34 40W

<u>NAME</u>	<u>TOP</u>	<u>BOTTOM</u>
Blaine	1131	1213
Cedar Hills	1242	1407
Stone Corral	1674	1710
Chase	2480	2797
Panoma Council Grove	2797	NA
TD		2882

RECEIVED
STATE CORPORATIONS COMMISSION
FEB 18 1991
CONSERVATION DIVISION
WICHITA, KANSAS

GABBERT-JONES
DRILLERS WELL LOG

RELEASED

FEB 28 1991

HAWKINS "C" 1H
SEC. 12-34S-40W
STEVENS COUNTY, KANSAS

FROM CONFIDENTIAL

Commenced: 10-31-88
Completed: 11-3-88
Operator: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	244	Sand - Clay	Ran 12 jts of 24# 8 5/8" csg LD @ 520' w/175 sks 25/75 Posmix - 2% CC - 1/4# Floreal - 150 sks Common 3% CC - 1/4# Floreal PD @ 7:15 PM 10-31-88
244	521	Shale - Redbed	
521	1253	Redbed	
1253	1410	Glorita Sand	
1410	2624	Redbed	
2624	2882	Lime	Ran 70 jts of 14# 5 1/2" csg LD @ 2882' w/215 sks Class C - 20% DCD - 2% CC 1/4# Floreal - 40 sks Class C 10% DCD - 2% CC - 1/4# Floreal PD @ 4:30 AM 11-3-88 Rig Released @ 5:30 AM 11-3-88.
	2882 TD		

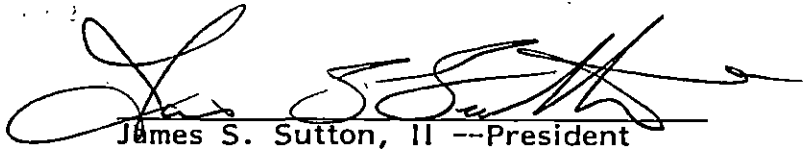
RECEIVED
STATE CORPORATION COMMISSION

FEB 23 1989

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

Subscribed & sworn to before me this
8th day of November 1988


Lola Lenore Costa

My Commission expires Nov. 21, 1988

CUSTOMER COPY



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

INVOICE

HALLIBURTON SERVICES

FEB 28 1991

A Halliburton Company

FROM CONFIDENTIAL 720966

INVOICE NO.	DATE
720966	10/31/1988

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
HAWKINS C-1H	MORTON	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	GABBERT & JONES #9	CEMENT SURFACE CASING	10/31/1988
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
001527	E E DETTMER		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	67196

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

RECEIVED
STATE CORPORATION COMMISSION

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

FEB 23 1989

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	20	MI	2.20	44.00
		1	UNT		
001-016	CEMENTING CASING PUMP CHARGE	518	FT	482.20	482.20
		1	UNT		
030-016	TYPE 5W ALUMINUM PLUG-TOP	8 5/8	IN	82.00	82.00
		1	EA		
504-043	PREMIUM CEMENT	131	SK	6.85	897.35
506-105	POZMIX A	44	SK	3.91	172.04
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
509-406	ANHYDROUS CALCIUM CHLORIDE	7	SK	25.75	180.25
507-210	FLOCELE	80	LB	1.21	96.80
500-207	BULK SERVICE CHARGE	339	CFT	.95	322.05
500-306	MILEAGE	303.1	TMI	.70	212.17
INVOICE SUBTOTAL					3,516.36
DISCOUNT-(BID)					668.06-
INVOICE BID AMOUNT					2,848.30
*-KANSAS STATE SALES TAX					96.87
*-SEWARD COUNTY SALES TAX					24.21
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,969.38

LIBERAL OPERATIONS RECEIVED

NOV 04 1988

APPROVED	IDC
DATE 11-4	TANGIBLE
CODED BY	OPERATIONS

2109-2041
KA 11-4

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 THE RATE OF INTEREST WHICH IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO