



Operator Name APX Corporation Lease Name Moorhead "B" Well 1H

Sec. 9 Twp. 34S 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

Name	Top	Bottom
Sand, Shale, Redbed	0'	670'
Redbed	670	741
Sand, Redbed	741	1115
Redbed, Shale	1115	1170
Glorietta Sand	1170	1405
Shale	1405	1852
Shale, Lime	1852	2645
Lime	2645	3000
TD	3000	

*[Handwritten notes and stamps]*

CASING RECORD <input checked="" type="checkbox"/> Now <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	740	Pozmix & Common	370	3% CC
Production	7-7/8"	5-1/2"	14.0	2997	Class C	235	2% CC, 10% Diacel
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	2670-2680, 2694-2740, 2749-2787, 2808-2862, 2872-2910, 2934-2948, 2963-2978			Brk dn/21000 gal 2% KCL wtr + 104490 gal x-linked gel wtr + 360000# 12/20 sd		2670-2978 OA	
TUBING RECORD		Size	Set At	Packer at	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).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
➔		Bbls	1383 MCF @ 115 psi	Bbls	CFPB	2670-2978 OA	

METHOD OF COMPLETION

Production Interval

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

CUSTOMER COPY  
INVOICE



A DIVISION OF HALLIBURTON COMPANY

REMIT TO:  
P.O. BOX 657048  
DALLAS, TX 75285

INVOICE NO.	DATE
584736	08/25/1988

WELL LEASE NO.	WELL LOCATION	STATE	WELL OWNER
MOOPHEAD B 1H	STEVENS	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	GABBERT & JONES	CEMENT SURFACE CASING	08/25/1988
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
564500	JIM BARLOW		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	4495

*ATX Corporation*

~~PAN EASTERN EXPL CO~~  
BOX 351  
LIBERAL, KS 67901

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	6	MI	2.10	12.60
		1	UNT		
001-016	CEMENTING CASING PUMP CHARGE	745	FT	561.90	561.90
		1	UNT		
030-016	TYPE SW ALUMINUM PLUG-TOP	8 5/8	IN	82.00	82.00
		1	EA		
504-043	PREMIUM CEMENT	165	SK	6.85	1,130.25
506-105	POZMIX A	55	SK	3.91	215.05
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	25.75	206.00
507-210	FLOCELE	93	LB	1.21	112.53
500-207	BULK SERVICE CHARGE	386	CFT	.95	366.70
500-308	MILEAGE	103.239	TMI	.70	72.27

INVOICE SUBTOTAL 3,786.80

DISCOUNT - (BID) 950.72

INVOICE BID AMOUNT 2,836.08

\*- KANSAS STATE SALES TAX 94.59

\*- SEWARD COUNTY SALES TAX 23.65

*J. T. Miller*

FINAL APPROVAL	
AFE #	LOCATION
LIBERAL OPERATIONS RECEIVED	
AUG 31 1987	
APPROVED	IDC
UNCL	TANGIBLE
CODED BY	OPERATIONS

**RECEIVED**  
STATE CORPORATION COMMISSION  
OCT 17 1988  
CONSERVATION DIVISION  
Wichita, Kansas

*2052-2041*

INVOICE TOTAL - PLEASE PAY THIS AMOUNT \$2,954.32

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.

