



Operator Name **Anadarko Petroleum Corp.** Lease Name **Herbel "A"** Well # **1**

Sec. **23** Twp. **34S** Rge. **39**  East  West County **Stevens**

ORIGINAL

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	0'	285'
Sand-Redbed	285'	970'
Redbed	970'	1242'
Glorietta	1242'	1402'
Redbed-Shale	1402'	1549'
Anhy	1549'	1770'
Shale	1770'	1940'
Lime-Shale	1940'	4015'
Shale-Lime	4015'	4160'
Lime-Shale	4160'	6850'

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.O.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8	24#	1766	Poz/Com	650/200	4% gel/2% CC
Production	7-7/8	4-1/2	11.6#	6243	Lite/50/50	075/200	6% gel, 1/2# CE/10%
2nd Stage	("FO" tool @ 3057')				Common	225	10% Diacel D salt/5# GIL
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	6024-40			Completed natural			6024-40
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2-3/8		Set At 5971'		Packer at None			
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).....					
WOPL Connection		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
Estimated Production Per 24 Hours		0 Bbls	1930 MCF	0 Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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

GABBERT-JONES  
DRILLERS WELL LOG

HERBEL "A" #1  
1980' FNL & 1320 FWL  
Sec. 23-34S-39W  
STEVENS COUNTY, KANSAS

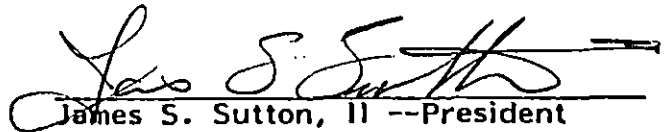
Commenced: 8-16-88  
Completed: 8-31-88  
Operator: ANADARKO PETROLEUM CORPORATION

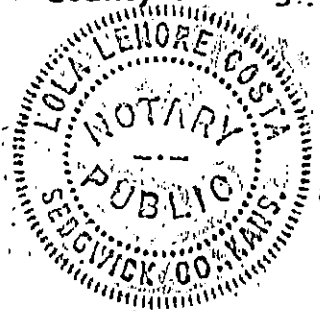
Depth		Formation	Remarks
From	To		
0	285	Sand	Ran 43 jts of 24# 8 5/8" csg LD @ 1766' w/650 sks Posmix - 4% Gel - 2% CC 200 sks Common - 2% CC PD @ 6:15 PM 8-17-88.
285	970	Sand-Redbed	
970	1242	Redbed	
1242	1402	Glorita	
1402	1549	Redbed-Shale	
1549	1770	Anhy	
1770	1940	Shale	
1940	4015	Lime-Shale	
4015	4160	Shale-Lime	
4160	6850	Lime-Shale	
	6850 TD		Ran 160 jts of 11.6# 4 1/2" csg LD @ 6243' w/75 sks Litwt - 6% Gel - 1/2# CF 200 sks 50/50 Posmix - 10% salt 1/4# CF - 5# Gilsonite per sack PD @ 2:30 AM 8-31-88. Rig Release @ 3:30 AM 8-31-88

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  
6th day of September 1988

  
Lola Lenore Costa

My Commission expires Nov. 21, 1988.



# INVOICE

REMIT TO:

P O BOX 201556  
HOUSTON TX 77216

0312

530028  
ANADARKO PETROLEUM CORP.  
  
90% 351  
LIBERAL KS 67901

INVOICE DATE	
08/17/88	
PAGE	INVOICE NUMBER
i	03-12-1073
TYPE SERVICE	
CEMENTING SURFACE/CONDUIT	

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
HERBEL A-i	KS	STEVENS	ULYSSES KS	DS	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 23-34S-39W			08/17/88	DAVID GILKORE	

ITEM CODE	DESCRIPTION	UOH	QTY	UNIT PRICE	AMOUNT
040213000	CASING CENTR 1500-1999 FT	BHR	i	856.0000	856.00
059200001	MILEAGE, EACH SERVICE TRUCK	MI	16	2.2000	35.20
049102000	TRANSPORTATION CHMT TOW HILE	MI	516	.7500	462.00
049100000	SERVICE CHG CEMENT MATL LAND	CFT	879	1.0000	879.00
190907125	D863, LIGHTWEIGHT V CEMENT-P	CFT	650	4.8000	3,120.00
040015000	D909, CEMENT CLASS H	CFT	200	6.8000	1,360.00
067005100	SI, CALCIUM CHLORIDE	LBS	1468	.2700	396.36
000401002	D20, BENTONITE BLD-i-4%	CFT	650	.3900	253.50
048501085	PLUG CEHG 8-5/8" WOODEN BODY	EA	i	53.0000	53.00
	DISCOUNT - MATERIAL				934.71-
	DISCOUNT - SERVICE				401.80-
				SUB TOTAL --	6,028.55
H C	STATE TAX ON			4,258.15	179.33
				AMOUNT DUE --	6,258.88

**RECEIVED**  
OCT 14 1988  
CONSERVATION DIVISION  
Wichita, Kansas

1860-2041  
KA 8/26

FINAL APPROVAL	
AFE #	LOCATION
LIBERAL OPERATIONS RECEIVED	
AUG 25 1988	
APPROVED	ISC
DATE	TANGIBLE
COULD BY	OPERATING

WITH QUESTIONS CALL 316-356-1272  
FEDERAL TAX ID # 38-239-7173  
TERMS -- NET 30 DAYS DUE ON OR BEFORE SEP 16, 1988

THANK YOU, WE APPRECIATE YOUR BUSINESS.

*[Signature]*  
K J JOHNSTON