

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

ORIGINAL

API NO. 15- 129-21,066-00-00
County Morton ✓
App SE SE SE SE Sec. 16 Twp. 33S Rge. 39 X East West

Operator: License # 4549

175 ✓ Ft. North from Southeast Corner of Section

Name: Anadarko Petroleum Corporation

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

Address P.O. Box 351

Lease Name Hall "C" ✓ Well # 1 SWD

City/State/Zip Liberal, Kansas 67905-0351

Field Name UNNAMED

Purchaser: Not Applicable

Producing Formation Glorietta Sand

Operator Contact Person: J. L. Ashton

Elevation: Ground 3230.3 KB NA

Phone (316) 624-6253

Total Depth 1420 PBDT 1412

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.)

RECEIVED
STATE CORPORATION COMMISSION

MAR 15 1991
3-15-91

CONSERVATION DIVISION
Wichita, Kansas

If OAWO: old well info as follows:

Operator: _____

Well Name: _____

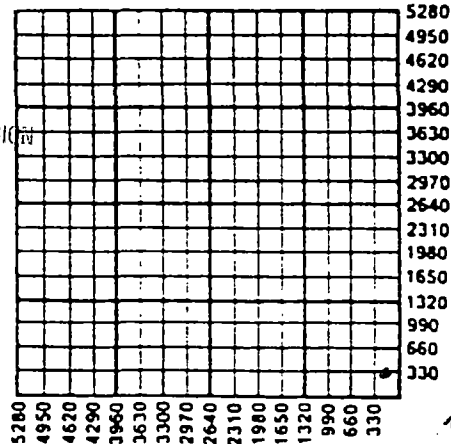
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

1-5-91 1-7-91 1-29-91

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 1418 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.

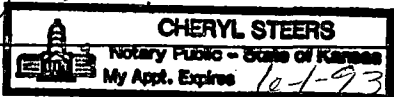
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Beverly J. Williams
Beverly J. Williams
Title Engineering Technician Date 3-13-91

Subscribed and sworn to before me this 13 day of March, 1991.

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
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

PI

Operator Name Anadarko Petroleum Corporation Lease Name Hall "C" Well # 1 SWD
 Sec. 16 Twp. 33S Rge. 39 East West
 County Morton

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 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3">Formation Description</th> </tr> <tr> <td></td> <td style="text-align: center;"><input checked="" type="checkbox"/> Log</td> <td style="text-align: center;"><input type="checkbox"/> Sample</td> </tr> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Bottom</th> </tr> <tr> <td>Blaine</td> <td style="text-align: center;">1134</td> <td style="text-align: center;">1222</td> </tr> <tr> <td>Cedar Hills</td> <td style="text-align: center;">1252</td> <td style="text-align: center;">NA</td> </tr> <tr> <td>TD</td> <td></td> <td style="text-align: center;">1420</td> </tr> </table>	Formation Description				<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample	Name	Top	Bottom	Blaine	1134	1222	Cedar Hills	1252	NA	TD		1420
Formation Description																			
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample																	
Name	Top	Bottom																	
Blaine	1134	1222																	
Cedar Hills	1252	NA																	
TD		1420																	

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
Production	7 7/8	5 1/2	14	1418	Pozmix & Common	400	2% cc
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	1260-72, 1275-95, 1299-1316, 1323-43, 1348-1367, 1370-92			A/8300 gals 7-1/2% HCL & ADD + 275 BS.			1260-1392
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Size	Set At	Packer At				
1-29-91	2 3/8	1228	1228				
Producing Method	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Injecting		
1-29-91	0	0	0	0			

Disposition of Gas: Not Applicable Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled Other (Specify)

Production Interval 1260-1392

SPRING WATER

ORIGINAL

WELL NAME: HALL C-1 SWDS
SEC. 16-33S-39W
MORTON COUNTY, KANSAS

COMMENCED: 1-5-91

COMPLETED: 1-7-91

OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	430	Sand	
430	1220	Redbed	
1220	1377	Glorietta Sand	
1377	1420	Redbed	
	1420 TD		Ran 33 jts of 14# 5 1/2" csg set @ 1416' w/300 sks 50/50 Posmix - 2% CC 2% Gel. PD @ 12:00 PM 1-7-91.

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STATE CORPORATIONS COMMISSION


MAR 15 1991

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.

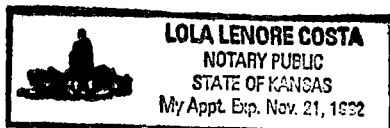
GABBERT-JONES, INC.


James S. Sutton, II. -- President

Subscribed & sworn to before me this
9th day of January 1990


Lola Lenore Costa

My commission expires Nov. 21, 1992





INVOICE

HALLIBURTON SERVICES ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
093158	01/06/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
HALL C-1		MORTON		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		G & J #11		CEMENT PRODUCTION CASING		01/06/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
019595	JIM BARLOW		33876	COMPANY TRUCK	08403	

ANADARKO PETROLEUM CORP
P. O. BOX 351
LIBERAL, KS 67905-0351

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	DISCOUNT-(BID)				1,337.35
	INVOICE BID AMOUNT				4,012.14
	*-KANSAS STATE SALES TAX				105.57
	*-SEWARD COUNTY SALES TAX				24.85
	RECEIVED STATE CORPORATION COMMISSION MAR 15 1991 CONSERVATION DIVISION Wichita, Kansas				
	1130-2041				
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$4,142.56

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 ORIGINAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

INVOICE NO.	DATE
093158	01/06/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
HALL C-1		HORTON		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
LIBERAL		G & J 411		CEMENT PRODUCTION CASING	
TICKET DATE					
		01/06/1991			
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JIM BARLOW		33876	COMPANY TRUCK	08403

RECEIVED
STATE CORPORATION COMMISSION

ANADARKO PETROLEUM CORP
P. O. BOX 351
LIBERAL, KS 67905-0351

MAR 15 1991

CONSERVATION DIVISION
Wichita, Kansas

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA	EA - MID CONTINENT				
000-117	MILEAGE	8	MI	2.35	18.80
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	8	MI	.40	3.20
		1	UNT		
001-016	CEMENTING CASING	1425	FT	835.00	835.00
		1	UNT		
320	CEMENT BASKET 5 1/2"	1	EA	90.00	90.00
800.8883		1	EA		
001-018	CEMENTING CASING - ADD HRS	2	HR	165.00	330.00
		1	UNT		
019-200	PIPE 1"	60	FT	45.00	45.00
030-016	CEMENTING PLUG SW ALUM TOP	5.5	IN	47.00	47.00
		1	EA		
018-315	MUD FLUSH	1500	GAL	.45	675.00
218-738	CLAYFIX II	2	GAL	20.00	40.00
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
506-105	POZMIX A	150	SK	3.91	586.50
506-121	HALLIBURTON-GEL 2%	5	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	26.25	131.25
500-307	MILEAGE SURCHARGE-CEMENT MAT.	103.60	TMI	.10	10.36
500-207	BULK SERVICE CHARGE	310	CFT	1.10	341.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	103.60	TMI	.75	77.70
504-043	PREMIUM CEMENT	100	SK	6.85	685.00
500-307	MILEAGE SURCHARGE-CEMENT MAT.	37.60	TMI	.10	3.76
500-307	MILEAGE SURCHARGE-CEMENT MAT.	75.20	TMI	.10	7.52
500-306	MILEAGE CMTG MAT DEL OR RETURN	37.60	TMI	.75	50.00MN
500-225	CEMENTING MATERIALS RETURNED	10	%	68.50	68.50
500-207	BULK SERVICE CHARGE	200	CFT	1.10	220.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	75.20	TMI	.75	56.40
	<i>W. J. Steen</i> INVOICE SUBTOTAL				5,349.49

***** CONTINUED ON NEXT PAGE *****

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