

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

API NO. 15- 175-21,304-00-00
County Seward
NE - NE Sec. 10 Twp. 33S Rge. 34 X W

ORIGINAL

Operator: License # 4549

450 Feet from S (circle one) Line of Section

Name: Anadarko Petroleum Corporation

450 Feet from E (circle one) Line of Section

Address P. O. Box 351

Footages Calculated from Nearest Outside Section Corner:

NE SE, NW or SW (circle one)

City/State/Zip Liberal, KS 67905-0351

Lease Name Hitch Unit Well # 2-1A

Purchaser: Phibro Energy, USA, Inc.

Field Name Hitch Unit

Operator Contact Person: J. L. Ashton

Producing Formation Chester

Phone (316) 624-6253

Elevation: Ground 2880 KB NA

Contractor: Name: Norseman Drilling

Total Depth 6325 PBDT 6238

License: 03779

Amount of Surface Pipe Set and Cemented at 1645 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

X New Well Re-Entry

X Oil SWD S10W Temp.

 Gas ENHR S10G

 Dry Other (Core, WSW, Expl., Cathodic, etc)

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cnt.

Drilling Fluid Management Plan ALT 1 5-25-93
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Operator:

Chloride content 1000 ppm. Fluid volume 5000 bbls

Well Name:

Dewatering method used Natural Evaporation

Comp. Date Old Total Depth

Location of fluid disposal if hauled offsite:

 Deepening Re-perf. Conv. to Inj/SWD

 Plug Back PBDT

 Commingled Docket No.

 Dual Completion Docket No.

 Other (SWD or Inj?) Docket No.

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

3-10-93 3-21-93 4-14-93
Spud Date Date Reached TD Completion Date

County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

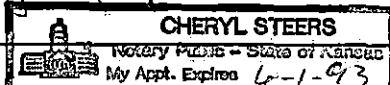
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Beverly J. Williams
Title Technical Assistant Date 5-4-93

Subscribed and sworn to before me this 4th day of May 19 93.

Notary Public Cheryl Steers

Date Commission Expires



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

PI

Operator Name Anadarko Petroleum Corporation Lease Name Hitch Unit Well # 2-1A

Sec. 10 Twp. 33S Rge. 34 East West County Seward

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 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No (Submit Copy.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample Name Top Datum

See Attachment

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	1645	Pozmix & Common	775	4% tot gel 2% cc
Production	7 7/8	5 1/2	15.50	6282	Pozmix & Thixset	275	6% gel 0.75% friction reducer 4#/sk flocele 0.3% Halad 344

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
	4	6144-56		A/in 2' intervals w/250 gals 15% FE-MCA acid/ft. Total acid 1500 gals.

TUBING RECORD

Size 2 7/8 Set At 6180 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 4-9-93 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>132</u>	Gas Mcf <u>30</u>	Water Bbls. <u>93</u>	Gas-Oil Ratio <u>227</u>	Gravity <u>39.5</u>
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval 6144-6156

ORIGINAL

ATTACHMENT

Hitch Unit No. 2-1A
Section 10-33S-34W
Seward County, Kansas

<u>NAME</u>	<u>TOP</u>
Chase	2576
Council Grove	2900
Toronto	4202
Lansing	4318
Kansas City	4600
Marmaton	5002
Cherokee	5170
Morrow	5592
Chester	5814
St. Louis	6168

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 06 1993

CONSERVATION DIVISION
WICHITA, KS

88-0000000



INVOICE

0312

ORIGINAL

REMIT TO: P O BOX 201556 HOUSTON TX 77216

INVOICE DATE
03/22/93

556028
ANADARKO PETROLEUM CORP

BOX 351
LIBERAL KS 67901

PAGE	1
INVOICE NUMBER	03-12-5115
TYPE SERVICE	CEMENTING CEMENT PRODUCTIO

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
HATCH UNIT 2-1A	KS	SEWARD	ULYSSES		
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 10-33S-34W			03/22/93	JOHN SHILLING	

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 06 1993
CONSERVATION DIVISION
WICHITA, KS

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
059200002	MILEAGE, ALL OTHER EQUIPMENT	MI	16	2.6500	42.40
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	140.0000	140.00
102871065	CONG CMNT 6001-6500' 1ST 8HR	8HR	1	1,720.0000	1,720.00
049102000	TRANSPORTATION CMNT TON MILE	MI	225	.8800	198.00
049100000	SERVICE CHG CEMENT MATL LAND	CFT	308	1.2000	369.60
040015000	D909, CEMENT CLASS H	CFT	34	7.4700	253.90
045008000	D35, LITEPOZ 3 EXTENDER	CFT	17	3.9400	66.98
045014050	D20, BENTONITE EXTENDER	LBS	262	.1500	39.30
102146003	D804A REGULATED FULLUP CMNT	SK	225	12.1200	2,727.00
044003025	D29, CELLOPHANE FLAKES	LBS	114	1.5900	181.26
044002050	D60, FLAC FLUID LOSS ADDITIV	LBS	64	7.7300	494.72
047007050	D65, TIC DISPERSANT	LBS	33	4.6900	154.77
100282000	D826, CHEMICAL WASH CW7	BBL	30	25.9600	778.80
067011000	M117, POTASSIUM CHLORIDE	LBS	150	.2800	42.00
050101054	SHOE CER TYPE GUIDE 5-1/2"	EA	1	145.0000	145.00
053003054	INSERT ORIFICE FILL 5-1/2"	EA	1	230.0000	230.00
056011054	CENTR REG 5-1/2" B DIA-9"	EA	10	59.0000	590.00
056702054	PLUG CENG 5-1/2" TOP PLASTIC	EA	1	67.0000	67.00
057499001	K232, THD LKG COMPOUND KIT	EA	1	25.0000	25.00
048601000	CEMENT HEAD RENTAL	JOB	1	.0000	N/C
	DISCOUNT - MATERIAL				2,028.54
	DISCOUNT - SERVICE				864.50
	SUB TOTAL				5,372.77
M C	STATE TAX ON			3,896.04	190.91
M F C	LOCAL TAX ON			3,896.04	38.96
	AMOUNT DUE				5,602.64

John Shilling

4-3-93

4034-2041

[Signature]

WITH QUESTIONS CALL 316-356-1272
FEDERAL TAX ID # 38-239-7173
TERMS -- NET 30 DAYS DUE ON OR BEFORE APR 21, 1993

THANK YOU. WE APPRECIATE YOUR BUSINESS.

J. B. Watson
J B WATSON



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

ORIGINAL

INVOICE NO.	DATE
305338	03/11/1993

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
HITCH 2-1A		SEWARD		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		NORSEMAN		CEMENT SURFACE CASING		03/11/1993
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
019595	JIM BARLOW		33876		COMPANY TRUCK	48044

RECEIVED
 KANSAS CORPORATION COMMISSION
 MAY 06 1993
 CONSERVATION DIVISION
 WICHITA, KS

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

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - EASTERN AREA1 MILEAGE	20	MI	2.75	55.00
001-016	CEMENTING CASING	1644	FT	1,105.00	1,105.00
030-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8	IN	130.00	130.00
12A	GUIDE SHOE - 8 5/8" BRD THD.	1	EA	216.00	216.00
825.217					
24A	INSERT FLOAT VALVE - 8 5/8" BRD	1	EA	171.00	171.00
815.19502					
27	FILL-UP UNIT 7" - 8 5/8"	1	EA	55.00	55.00
815.19415					
40	CENTRALIZER 8-5/8" X 12.25"	3	EA	72.00	216.00
807.93059					
320	CEMENT BASKET 8 5/8"	1	EA	122.00	122.00
800.8888					
350	HALLIBURTON WELD-A	1	LB	14.50	14.50
890.10802					
504-043	PREMIUM CEMENT	200	SK	8.69	1,738.00
504-043	PREMIUM CEMENT	288	SK	8.69	2,502.72
506-105	POZMIX A	21238	LB	.067	1,422.95
506-121	HALLIBURTON-DEL 2%	10	LB	.00	N/C
507-277	HALLIBURTON-DEL BENTONITE	9	SK	15.50	139.50
509-406	ANHYDROUS CALCIUM CHLORIDE	14	SK	28.25	395.50
500-207	BULK SERVICE CHARGE	821	CFT	1.25	1,026.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	701.06	TMI	.85	595.90
INVOICE SUBTOTAL					9,905.32
DISCOUNT-(BID)					4,454.44-
INVOICE BID AMOUNT					5,450.88

4038.69 204

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

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.



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A Halliburton Company

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03/11/1993					
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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
	*-KANSAS STATE SALES TAX				235.83
	*-SEWARD COUNTY SALES TAX				48.15
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$5,734.86

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 06 1993
CONSERVATION DIVISION
WICHITA, KS

4034-2041

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