

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

ORIGINAL

API NO. 15- 175-21,280-00-00

County Seward

NE - SE - SE - SE Sec. 10 Twp. 33S Rge. 34 X E/W

Operator: License # 4549

650 Feet from SYN (circle one) Line of Section

Name: Anadarko Petroleum Corporation

150 Feet from EW (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, Kansas 67905-0351

Lease Name Hitch Unit Well # 4-2

Purchaser: Phibro Energy USA, Inc.

Field Name Shuck

Operator Contact Person: J. L. Ashton

Producing Formation Chester

Phone (316) 624-6253

Elevation: Ground 2885 KB NA

Contractor: Name: Cheyenne Drilling, Inc.

Total Depth 6375 PBTD 6360

License: 05382

Amount of Surface Pipe Set and Cemented at 1632 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

X New Well Re-Entry Workover

If yes, show depth set Feet

X Oil SWD SIOW Temp. Abd.

If Alternate II completion, cement circulated from feet depth to w/ sq. cnt.

Gas EMHR SIGW

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

Drilling Fluid Management Plan ALT 1 / 1-12-93 BR
(Data must be collected from the Reserve Pit)

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

Operator: _____

Chloride content 600 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 _____ PBTD

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 _____

10-15-92 10-27-92 12-17-92
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 Engineering Technician Date 1-4-93

Subscribed and sworn to before me this 4th day of January 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 NEPA
KGS Plug Other
(Specify)

Operator Name Anadarko Petroleum Corporation

Lease Name Hitch Unit

Well # 4-2

Sec. 10 Twp. 33S Rge. 34

East

County Seward

West

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 Log Formation (Top), Depth and Datum Sample
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No Name Top Datum

Cores Taken Yes No SEE ATTACHMENT

Electric Log Run Yes No

(Submit Copy.)

List All E.Logs Run:

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	1632	Pozmix & Common	775	4% gel, 2% cc
Production	7 7/8	5 1/2	15.50	6360	Pozmix & Class H Thixset	160	6% gel, 1#/sx flocele 0.3% Halad 344 1#/sx flocele

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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
4	6167-96, 6198-6221	A/in 2' intervals w/100 gal 6167-96 6198-6221 7 1/2% fe MCA acid/ft. Total acid 5300 gal.

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	6257		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
12-17-92	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	8	6	0	750	39.2

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: 6167-96
6198-6221

ATTACHMENT

HITCH UNIT No. 4-2
Section 10-33S-34W
Seward County, Kansas

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 05 1993
CONSERVATION DIVISION
WICHITA, KS

<u>NAME</u>	<u>TOP</u>
B/Stone Corral	1669
Wellington	2202
Chase Group	2584
Herrington	2584
Krider	2646
Winfield	2694
Towanda	2754
Ft. Riley	2802
Florence	2862
Wreford	2906
Council Grove	2934
Admire	3222
Wabaunsee	3298
Topeka	3552
Heebner	4216
Toronto	4256
Amazonia	4300
Lansing	4380
Kansas City	4410
Marmaton	5010
Cherokee	5224
Atoka	5452
Morrow	5621
L/Morrow Sand Zone	5630
Chester	5753
Chester Sand Zone	6147
Ste. Genevieve	6222
St. Louis	6249
LTD	6329

ORIGINAL

DRILLERS LOG

ANADARKO PETROLEUM CORPORATION
HITCH #4-2
SECTION 10-T33S-R34W
SEWARD COUNTY, KANSAS

COMMENCED: 10-15-92
COMPLETED: 10-27-92

SURFACE CASING: 1629' OF 8 5/8"
CMTD W/575 SX POZ "C", 4% GEL,
2% C.C., TAILED IN W/200 SX "H", 2% C.C.

FORMATION	DEPTH
SURFACE HOLE	0-1632
LIME & SHALE	1632-2590
SHALE & LIME	2590-2850
LIME & SHALE	2850-4100
SHALE & LIME	4100-4360
LIME, SHALE, & LANSING	4360-4567
LIME & SHALE	4567-4800
SHALE & LIME	4800-4925
LIME & SHALE	4925-4945
LIME, SHALE & MARMATON	4945-5100
LIME & SHALE	5100-5609
MORROW	5609-5816
LIME & SHALE	5816-6170
LIME, SHALE & ST. GENEVIEVE	6170-6215
LIME & SHALE	6215-6375

RTD

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 05 1993
CONSERVATION DIVISION
WICHITA, KS

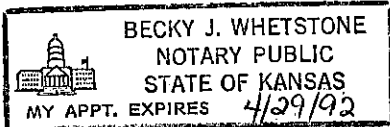
I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

A. J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 28TH DAY OF OCTOBER, 1992



Becky J. Whetstone

BECKY J. WHETSTONE, NOTARY PUBLIC



INVOICE.

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
251031	10/16/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
HITCH UNIT 4-2		SEWARD		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
LIBERAL		CHEYENNE #3		CEMENT SURFACE CASINO	
TICKET DATE		10/16/1992			
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
319595	JIM BARLOW		33876	COMPANY TRUCK	41326

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

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 05 1993
CONSERVATION DIVISION
WICHITA, KS

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
000-117	PRICING AREA - EASTERN AREA1 MILEAGE	20	MI	2.60	52.00
001-016	CEMENTING CASING	1623	FT	1,020.00	1,020.00
020-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8	IN	130.00	130.00
12A 825.217	GUIDE SHOE - 8 5/8" BRD THD.	1	EA	216.00	216.00
24A 815.19502	INSERT FLOAT VALVE - 8 5/8" SRD	1	EA	171.00	171.00
27 815.19415	FILL-UP UNIT 7" - 8 5/8"	1	EA	30.00	30.00
40 807.93059	CENTRALIZER 9-5/8" X 12.25"	3	EA	62.00	186.00
320 800.8888	CEMENT BASKET 8 5/8"	1	EA	122.00	122.00
350 890.10802	HALLIBURTON WELD-A	1	LB	11.50	11.50
504-043	PREMIUM CEMENT	200	SK	7.94	1,588.00
504-043	PREMIUM CEMENT	288	SK	7.94	2,286.72
506-105	POZMIX A	21238	LB	.06	1,274.28
506-121	HALLIBURTON-GEL-2%	10	LB	.00	N/C
507-277	HALLIBURTON-GEL-BENTONITE	10	SK	14.75	147.50
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK	23.50	371.00
500-207	BULK SERVICE CHARGE	823	CFT	1.15	946.45
500-306	MILEAGE CMTG MAT DEL OR RETURN	701.520	TMI	.80	561.22
INVOICE SUBTOTAL					9,113.67
DISCOUNT-(BID)					3,702.51-
INVOICE BID AMOUNT					5,411.16

***** 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.

HALLIBURTON SERVICES

ORIGINAL

INVOICE

A Halliburton Company

INVOICE NO.	DATE
251031	10/16/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
HITCH UNIT 4-2		SEWARD		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	CHEYENNE #3	CEMENT SURFACE CASING		10/16/1992	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
19595	JIM BARLOW		33876	COMPANY TRUCK	41336

ANADARKO PETROLEUM CORP
P. O. BOX 551
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				234.67
	*--SEWARD COUNTY SALES TAX				47.91
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$5,693.74

KANSAS CONSERVATION COMMISSION
JAN 05 1993
CONSERVATION DIVISION
WICHITA, KS

4035-2041
LH

FINAL APPROVAL	
<i>Jim Barlow</i>	
LIBERAL OPERATIONS RECEIVED	
OCT 23 1992	
APPROVED	IDC
DATE	TANGIBLE
10/23/92	OPERATIONS

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



HALLIBURTON SERVICES

H.A. Halliburton Company

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

INVOICE

INVOICE NO.	DATE
251278	10/26/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
HITCH UNIT 4-2		SEWARD		KS	SAFE
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	CHEYENNE #9	CEMENT PRODUCTION CASING		10/26/1992	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JOHN SHILLING		33876	COMPANY TRUCK	41974

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
	*-KANSAS STATE SALES TAX				117.53
	*-SEWARD COUNTY SALES TAX				24.00
<p style="text-align: center;">4035-2041 KA</p>					
<p>INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====></p>					\$4,840.84

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.

ORIGINAL HALLIBURTON SERVICES

A Halliburton Company

INVOICE

INVOICE NO.	DATE
251278	10/26/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
HITCH UNIT 4-2		SEWARD		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		CHEYENNE #2	CEMENT PRODUCTION CASING		10/26/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JOHN SHILLING		33876	COMPANY TRUCK	41974

ANADARKO PETROLEUM CORP
P. O. BOX 551
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
000-17	MILEAGE	15	MI	2.60	39.00
001-016	CEMENTING CASING	6350	FT	1,605.00	1,605.00
030-016	CEMENTING PLUG SW ALUM TOP	5	1/2 IN	50.00	50.00
12A	GUIDE SHOE - 5 1/2" BRD THD.	1	EA	121.00	121.00
24A	INSERT FLOAT VALVE - 5 1/2" BRD	1	EA	83.00	83.00
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
40	CENTRALIZER 5-1/2" X 7 7/8"	10	EA	44.00	440.00
018-315	MUD FLUSH	1260	GAL	.60	736.00
218-738	CLAYFIX II	2	GAL	20.00	40.00
504-043	PREMIUM CEMENT	110	SK	7.94	873.40
504-118	HALLIBURTON LIGHT CEMENT - PREM	50	SK	7.24	362.00
507-210	FLOCELE	53	LB	1.30	69.90
507-778	HALAD-344	31	LB	20.25	627.75
508-101	THIXSET COMPONENT A	103	LB	5.35	551.05
508-103	THIXSET COMPONENT B	26	LB	8.40	218.40
508-002	POTASSIUM CHLORIDE	550	LB	.25	87.50
500-207	BULK SERVICE CHARGE	164	CFT	1.15	188.60
500-306	MILEAGE CMTG MAT DEL OR RETURN	155.14	MI	.80	124.11
INVOICE SUBTOTAL					6,265.71
DISCOUNT-(BID)					1,535.40-
INVOICE BID AMOUNT					4,659.31
***** CONTINUED ON NEXT PAGE *****					

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