

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

API NO. 15- 175-21,280

County Seward

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

650 Feet from SW (circle one) Line of Section

150 Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Hitch Unit Well # 4-2

Field Name Shuck

Producing Formation Chester

Elevation: Ground 2885 KB NA

Total Depth 6375 PSTD 6360

Amount of Surface Pipe Set and Cemented at 1632 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat.

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

Chloride content 600 ppm Fluid volume 5000 bbls

Dewatering method used Natural Evaporation

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, Kansas 67905-0351

Purchaser: Phibro Energy USA, Inc.

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253

Contractor: Name: Cheyenne Drilling, Inc.

License: 05382

Wellsite Geologist: NA

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover

X Oil _____ SWD _____ SIOW _____ Temp. Abd.

_____ Gas _____ ENHR _____ SIGW

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

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD

_____ Plug Back _____ PSTD

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

10-15-92 10-27-92 12-17-92

Spud Date Date Reached TD Completion Date

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

Beverly J. Williams

Title Engineering Technician Date 1-4-93

Subscribed and sworn to before me this 4th day of January

1992

Notary Public Cheryl Steers

Date Commission Expires _____

CHERYL STEERS
Notary Public - State of Kansas
My Appt. Expires 1-1-93

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)

Operator Name Anadarko Petroleum Corporation Lease Name Hitch Unit Well # 4-2

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 (including 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	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SEE ATTACHMENT		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
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 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
2 3/8	6257	-							
Date of First, Resumed Production, SVD or Inj.			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
12-17-92									
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gr y				
	8	6	0	750	39.2				

Disposition of Gas:	<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION	Production Interval
		<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	6167-96
		<input type="checkbox"/> Other (Specify) _____	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

DRILLERS LOG

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

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

SURFACE CASING: 1629' OF 3 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
 REGISTRATION DIVISION
 TOPEKA, KS

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

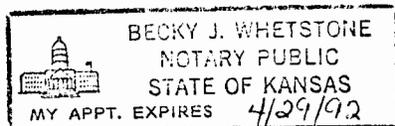
CHEYENNE DRILLING, INC.

A. J. Jacques

A. J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 26TH DAY OF OCTOBER, 1992



Becky J Whetstone

BECKY J. WHETSTONE, NOTARY PUBLIC