

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

COPY

CONFIDENTIAL

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, Kansas 67905-0351

Purchaser: Phibro Energy, Inc.

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion

New Well Re-Entry Workover

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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

7-30-91 8-8-91 9-13-91
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21,188

County Seward

- - SE - SE Sec. 4 Twp. 31S Rge. 34 X E
W

660 Feet from S/N (circle one) Line of Section

990 Feet from E/W (circle one) Line of Section

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

Lease Name Berlier "A" Well # 4

Field Name Cutter East

Producing Formation U. Morrow

Elevation: Ground 2845.3 KB NA

Total Depth 5800 PBTB 5562

Amount of Surface Pipe Set and Cemented at 1624 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2900 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan A/I
(Data must be collected from the Reserve Pit)

Chloride content 2000 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. _____

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.

RELEASED
DEC 0 8 1992

Signature J. L. Ashton

Title Division Production Manager

Subscribed and sworn to before me this 26 day of November

1991

Notary Public Cheryl Steers

Date Commission Expires _____

CHERYL STEERS
Notary Public - State of Kansas
My Appt. Expires 6-1-93

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

Operator Name Anadarko Petroleum Corporation Lease Name Berlier "A" Well # 4

Sec. 4 Twp. 31S 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, 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#	1624	Pozmix & Common	775	4% gel 2% cc
Production	7 7/8	5 1/2	15.50#	5558	Pozmix	180	6% gel 1% #/s flocelle 10% salt 1/4#/ flocelle, 5#/ gilsonite

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	DV 2900	HLC	60	
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone		H	50	

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	5248-72	None

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	5172	None		

Date of First, Resumed Production, SVD or Inj.	Producing Method
9-5-91	<input checked="" type="checkbox"/> Flowing <input 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
	180	327	0	1817	42.

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: 5248-72'

COPY

ATTACHMENT

BERLIER "A" No. 4
Section 4-31S-34W
Seward County, Kansas

CONFIDENTIAL

<u>NAME</u>	<u>TOP</u>	<u>SUBSEA</u>
B/Stone Corral	1674	(+1171)
Wellington	2104	(+ 741)
Chase Group	2480	(+ 365)
Herrington	2480	(+ 365)
Krider	2520	(+ 325)
Winfield	2572	(+ 273)
Towanda	2617	(+ 228)
Ft. Riley	2673	(+ 172)
Florence	2724	(+ 121)
Wreford	2760	(+ 85)
Council Grove	2786	(+ 59)
Admire	3057	(- 212)
Wabaunsee	3116	(- 271)
Topeka	3369	(- 524)
Heebner	3920	(- 1075)
Toronto	3969	(- 1124)
Amazonia	4012	(- 1167)
Lansing	4060	(- 1215)
Kansas City	4159	(- 1314)
Marmaton	4416	(- 1571)
Cherokee	4850	(- 2005)
Atoka	4963	(- 2118)
Morrow Formation	5205	(- 2360)
Morrow Sand Zone	5247	(- 2402)
Chester	5392	(- 2547)
Ste. Genevieve	5460	(- 2615)
St. Louis	5510	(- 2665)
TD (DTD)	5800	(- 2955)
TD (LTD)	5804	(- 2959)

RELEASED

DEC 0 8 1992

FROM CONFIDENTIAL

NOV 27 1991