

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

API NO. 15- 189-21,543-0000  
County Stevens  
Approx NW-SE - SE Sec. 1 Twp. 32S Rge. 38 E  
X W

**ORIGINAL**

Operator: License # 4549

990 Feet from SW (circle one) Line of Section

Name: Anadarko Petroleum Corporation

1250 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, KS 67905-0351

Lease Name Cornell University "B" Well # 1

Purchaser: Texaco Trading & Transportation

Field Name Metts

(Transporter)

Producing Formation L. Morrow

Operator Contact Person: J. L. Ashton

Elevation: Ground 3155 KB NA

Phone (316) 624-6253

Total Depth 6350 PBTD 6036

Contractor: Name: Gabbert-Jones, Inc.

Amount of Surface Pipe Set and Cemented at 1754 Feet

License: 5842

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: NA

If yes, show depth set \_\_\_\_\_ Feet

Designate Type of Completion  
X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover

If Alternate II completion, cement circulated from \_\_\_\_\_

X Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW \_\_\_\_\_ Temp. Abd.

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW

Drilling Fluid Management Plan PLT 1 8-16-93  
(Data must be collected from the Reserve Pit)

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

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

Operator: \_\_\_\_\_

Chloride content 800 ppm Fluid volume 5000 bbls

Well Name: SEP 6 1994

Dewatering method used Natural Evaporation

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Location of fluid disposal if hauled off site: \_\_\_\_\_

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD

\_\_\_\_\_ Plug Back \_\_\_\_\_ PBTD

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

5-15-93 5-27-93 8-2-93  
Spud Date Date Reached TD Completion Date

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
AUG 12 1993  
OIL & GAS CONSERVATION DIVISION  
WICHITA, KS

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 Technical Assistant Date 8-10-93

Subscribed and sworn to before me this 10th day of August 19 93.

Notary Public Cheryl Steers

Date Commission Expires \_\_\_\_\_

**CHERYL STEERS**  
Notary Public - State of Kansas  
My Appt. Expires 6-1-97

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

Operator Name Anadarko Petroleum Corporation Lease Name Cornell University "B" Well # 1

Sec. 1 Twp. 32 Rge. 38  East  West County Stevens

JAN 19 1990

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	<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#	1754	Pozmix & Class "H"	760	4% total gel, 2% cc
Production	7 7/8	5 1/2	15.50#	6205	Pozmix & Thixset Prem "H"	225	4#/sx flocele, 5#/sx gel, .3% Halad 344
		FO TOOL		2941	Pozmix	85	6% gel

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	5956-5964	A/3% HF & 12% HCL. Frac	5956-5964
		w/47,000 gelled diesel &	
		139,000# 16/30 sd.	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8	5922	-		
Date of First, Resumed Production, SWD or Inj.		Producing Method		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
7-18-93						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	18	40	-	2222	37.9	

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: 5956-64

ATTACHMENT

ORIGINAL

CORNELL UNIVERSITY "B" NO. 1  
SECTION 1-32S-38W  
STEVENS COUNTY, KANSAS

KCC

AUG 1 0

CONFIDENTIAL

<u>NAME</u>	<u>TOP</u>
B/STONE CORRAL	1772
CHASE	2526
COUNCIL GROVE	2838
ADMIRE	3083
WABAUNSEE	3266
TOPEKA	3503
HEEBNER	4020
TORONTO	4038
LANSING	4170
KANSAS CITY	4572
MARMATON	4830
CHEROKEE	5048
MORROW	5554
LOWER MORROW	5900
LOWER MORROW "G" -1	5948
CHESTER	6020
ST. GENEVIEVE	6070
ST. LOUIS	6231
TD	6350

RELEASED

SEP 6 1994

FROM CONFIDENTIAL

RECEIVED  
KANSAS CORPORATION COMMISSION

AUG 12 1993

CONSERVATION DIVISION  
WICHITA, KS

ORIGINAL

GABBERT-JONES, INC.  
WICHITA, KANSAS

KCC

- DRILLERS' WELL LOG -

AUG 1 0

WELL NAME: CORNELL UNIVERSITY "B"#1  
SEC: 1-32S-38W  
STEVENS COUNTY, KANSAS

RELEASED

CONFIDENTIAL

SEP 6 1994

COMMENCED: 5-15-93  
COMPLETED: 5-27-93  
OPERATOR: ANADARKO PETROLEUM CORPORATION

FROM CONFIDENTIAL

DEPTH From	To	FORMATION	REMARKS
0	635	sand-redbed	
635	1170	redbed-gyp	Ran 43jts of 24#8 5/8" csg set @1754'w/560sks 50/50
1170	1415	sand	
1415	1756	redbed-gyp	posmix 4%gel 2%CC
1756	1990	anhy-redbed	200sks class H 2%CC
1990	2955	shale-lime	PD@9:45am 5-16-93
2955	6200	lime-shale	
6200	6300	lime	
6300	6350	lime-shale	

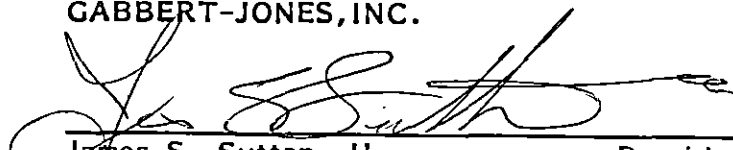
6350-TD

Ran 141jts of 15½#5½" csg set @6202' -  
F O tool @ 2941 -  
cement bottom w/50sks  
65/35posmix-175sks thickset  
premium-¼# floseal  
5# gilsonite  
PD @12:15pm 5-27-93  
RR @ 2:15pm 5-27-93

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.

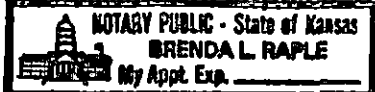
GABBERT-JONES, INC.

  
James S. Sutton, II - President

Subscribed & sworn to before me this 1st, day of June, 1993

  
Brenda L. Raple, Notary Public

My commission expires October 16, 1996.



RECEIVED  
KANSAS CORPORATION COMMISSION

AUG 12 1993

CONSERVATION DIVISION  
WICHITA, KS

P.O. BOX 951046  
DALLAS, TX 75395-1046



HALLIBURTON SERVICES

A Halliburton Company

INVOICE

ORIGINAL

INVOICE NO:	DATE
345470	06/17/1993

WELL/LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
ORNEL UNIVERSITY "B" 1	STEVENS	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	PATRICK WELL SERVICE	CEMENT	06/17/1993
BOOKING	CUSTOMER/AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
19595	STEVE RIDENOUR		33876
			COMPANY TRUCK
			52231

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

KCC  
AUG 10  
CONFIDENTIAL

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	MILEAGE	8	MI	2.75	22.00
009-019	PLUGGING BK SPOT CEMENT OR MUD	2941	FT	1,215.00	1,215.00
018-315	MUD FLUSH	1260	GAL	.65	819.00
504-118	CEMENT - HALL LIGHT PREMIUM	85	SK	7.89	670.65
500-207	BULK SERVICE CHARGE	85	CFT	1.25	106.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	31.3548	TMI	.85	65.00MN

INVOICE SUBTOTAL **RELEASED** 2,897.90

DISCOUNT-(BID) 434.67

INVOICE BID AMOUNT 2,463.23

\*-KANSAS STATE SALES TAX 86.59

\*-SEWARD COUNTY SALES TAX 17.67

FROM CONFIDENTIAL

4213-2060

RECEIVED  
KANSAS CORPORATION COMMISSION

AUG 12 1993

CONSERVATION DIVISION  
WICHITA, KS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$2,567.49

FINAL APPROVAL

LIBERAL OPERATIONS RECEIVED

JUN 28 1993

ICD

TANGIBLE

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

INVOICE

AUG 10

HALLIBURTON SERVICES

ORIGINAL

CONFIDENTIAL

A Halliburton Company

INVOICE NO.	DATE
345561	05/16/1993

WELL/LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER		
JRNELL UNIVERSITY "B" 1	STEVENS	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL	GABBERT & JONES #12	CEMENT SURFACE CASING	05/16/1993		
ACCT NO.	CUSTOMER AGENT	AVENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
19595	JOHN SHILLING		33876	COMPANY TRUCK	50719

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
000-117	RICING AREA - EASTERN AREA MILEAGE	10	MI	2.75	27.50
001-016	CEMENTING CASING	1754	FT	1,105.00	1,105.00
030-018	CEMENTING PLUG 5W, PLASTIC TOP	8 5/8	IN	130.00	130.00 *
504-043	CEMENT - PREMIUM	200	SK	8.69	1,738.00 *
504-131	CEMENT - 50/50 POZMIX PREMIUM	560	SK	6.82	3,819.20 *
507-277	HALLIBURTON-GEL BENTONITE	9	SK	15.50	139.50 *
509-406	ANHYDROUS CALCIUM CHLORIDE	13	SK	28.25	367.25 *
500-207	BULK SERVICE CHARGE	804	CFT	1.25	1,005.00 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	343.880	TMI	.85	292.30 *

INVOICE SUBTOTAL

RELEASED

SEP 6 1994

DISCOUNT-(BID)  
INVOICE BID AMOUNT

FROM CONFIDENTIAL

\*-KANSAS STATE SALES TAX  
\*-SEWARD COUNTY SALES TAX

212.89  
43.45

RECEIVED

KANSAS CORPORATION COMMISSION

AUG 12 1993

4213-2040

CONSERVATION DIVISION  
WICHITA, KS

16

FINAL APPROVAL	
AFE #	LOCATION
LIBERAL OPERATIONS RECEIVED	
MAY 24 1993	
APPROVED	IDC
DATE	TANGIBLE
CODED BY	OPERATIONS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

\$5,258.13

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.

CUSTOMER COPY

KCO



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

AUG 10

HALLIBURTON SERVICES

INVOICE

CONFIDENTIAL

A Halliburton Company

ORIGINAL

INVOICE NO.	DATE
345568	05/27/1993

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER		
JRNELL UNIVERSITY "B" 1	STEVENS	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL	B&J #12	CEMENT PRODUCTION CASING	05/27/1993		
ACCT NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
19595	JOHN SHILLING		33876	COMPANY TRUCK	51383

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

DIRECT CORRESPONDENCE TO:  
**RELEASED**  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601  
JUN 6 1994

RECEIVED  
KANSAS CORPORATION COMMISSION  
AUG 12 1993  
CONSERVATION DIVISION  
WICHITA, KS

FROM CONFIDENTIAL

PRICE REF NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	TRICING AREA - EASTERN AREA1 MILEAGE	10	MI	2.75	27.50
001-016	CEMENTING CASING	6157	FT	1,745.00	1,745.00
030-016	CEMENTING PLUG SW ALUM TOP	5	1/2 IN	60.00	60.00
018-315	MUD FLUSH	1260	GAL	.65	819.00
218-738	CLAYFIX II	4	GAL	21.50	86.00
504-043	CEMENT - PREMIUM	175	SK	8.69	1,520.75
504-118	CEMENT - HALL. LIGHT PREMIUM	50	SK	7.89	394.50
507-210	FLOCELE	44	LB	1.40	61.60
507-778	HALAD-344	50	LB	23.00	1,150.00
508-291	GILSONITE BULK	875	LB	.40	350.00
508-101	THIXSET COMPONENT A	165	LB	5.35	882.75
508-103	THIXSET COMPONENT B	42	LB	8.40	352.80
500-207	BULK SERVICE CHARGE	246	CFT	1.25	307.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	111.185	TMI	.85	94.51

INVOICE SUBTOTAL

7,851.91

DISCOUNT-(BID)

1,570.38-

INVOICE BID AMOUNT

6,281.53

\*-KANSAS STATE SALES TAX

157.73

\*-SEWARD COUNTY SALES TAX

32.20

4213-2040  
16

6-4-93

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

6,471.46

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.