

ORIGINAL
RELEASED
NOV 09 1992
FROM CONFIDENTIAL

KCC

OCT 3 6

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

API NO. 15- 175-21,198 00-00
County Seward ✓
C SE NE Sec. 2 Twp. 33S Rge. 34 X East West

CONFIDENTIAL

Operator: License # 4549

3300 ✓ Ft. North from Southeast Corner of Section

Name: Anadarko Petroleum Corporation

660 ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address P. O. Box 351

Lease Name Black "C" ✓ Well # 2

City/State/Zip Liberal, KS 67905-0351

Field Name Shuck

Purchaser: Anadarko Marketing Company

Producing Formation L. Morrow

Operator Contact Person: J. L. Ashton

Elevation: Ground 2877.9 KB NA

Phone (316) 624-6253

Total Depth 6600 PBTD 5656

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If CUMD: old well info as follows:

Operator: _____

Well Name: _____

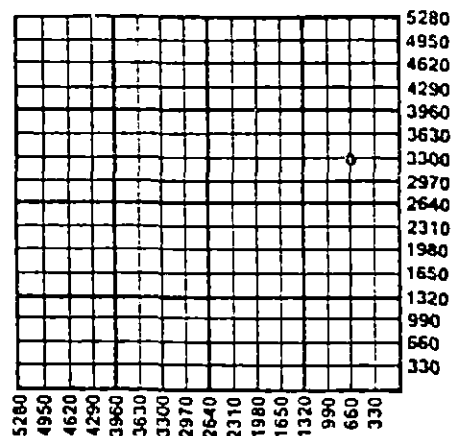
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

9-7-91 9-19-91 10-21-91

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 1661 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACD-2 within 120 days from commencement date of such work.

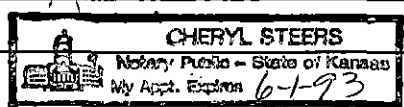
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Beverly J. Williams
Title Engineering Technician Date 10-30-91

Subscribed and sworn to before me this 30th day of October, 19 91.

Notary Public Cheryl Steers

Date Commission Expires _____



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

PI

Operator Name Anadarko Petroleum Corporation

Lease Name Block "C"

Well # 247

Sec. 2 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.)

Formation Description

Log Sample

Name Top Bottom

SEE ATTACHMENT

CASING RECORD

New 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#	1661	Pozmix & Common	775	4% gel, 2% cc
Production	7 7/8	5 1/2	15.5#	5783	Lite-Wate & Pozmix	205	1/2#/sx Floccle 10% salt 1/4#/sx Floccle

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	5664-66	Set CIBP @ 5660.5. Dmpd 1/2 sx cmt on plug.	
4	5644-48	Sqz w/20 sxs Micro Matrix cmt. Tail w/30 sxs Class "H".	
4	5644-46		
4	5632-5644	A/600 7 1/2% fe acid.	

TUBING RECORD

Size 2 3/8 Set At 5644 Packer At None Liner Run Yes No

Date of First Production SI WO Pipeline Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil - Bbls. Gas 1450 Mcf Water - Bbls. Gas-Oil Ratio - Gravity -

Disposition of Gas:

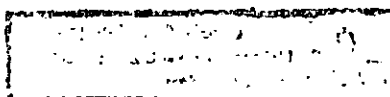
METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

5632-5644



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ATTACHMENT

BLACK "C" No. 2
Section 2-33S-34W
Shuck Field
Seward County, Kansas

<u>NAME</u>	<u>TOP</u>
B/Stone Corral	
Wellington	2168 (+ 710)
Chase Group	2598 (+ 280)
Herington	2598 (+ 280)
Krider	2627 (+ 251)
Winfield	2677 (+ 201)
Towanda	2732 (+ 146)
Ft. Riley	2782 (+ 96)
Florence	2856 (+ 22)
Wreford	2934 (- 56)
Council Grove	2981 (- 103)
Admire	3400 (- 522)
Wabaunsee	3432 (- 554)
Topeka	3754 (- 876)
Heebner	4204 (-1326)
Toronto	4244 (-1366)
Amazonia	4288 (-1410)
Lansing	4296 (-1418)
Kansas City	4356 (-1478)
Marmaton	5045 (-2167)
Cherokee	5265 (-2387)
Atoka	5426 (-2548)
Morrow Formation	5606 (-2728)
Morrow Sand Zone	5630 (-2752)
Chester	5847 (-2969)
Ste. Genevieve	6136 (-3258)
St. Louis	6231 (-3353)
TD (DTD)	6613 (-3735)
TD (LTD)	6611 (-3733)

ORIGINAL

GABBERT-JONES, INC.
DRILLERS' WELL LOG

WELL NAME: BLACK "C" -2
SEC 2-33S-34W
SEWARD COUNTY, KANSAS

OCT 3 1

CONFIDENTIAL

RELEASED
NOV 0 9 1992
FROM CONFIDENTIAL

COMMENCED: 9-7-91

COMPLETED: 9-20-91

OPERATOR: ANADARKO PETROLEUM CORP.

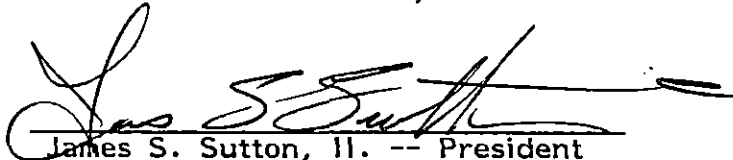
R-8

Depth		Formation	Remarks
From	To		
0	530	Sand - Clay	
530	540	Redbed	Ran 40 jts of 24# 8 5/8"
540	1100	Sand - Clay	csg set @ 1661' w/575 sks
1100	1130	Redbed	Posmix - 4% Gel - 2% CC
1130	1280	Glorietta Sand	200 sks Common - 2% CC
1280	1510	Shale	PD @ 1:30 pm 9-8-91
1510	1666	Redbed	
1666	1687	Anhydrite	
1687	2066	Anhydrite - Shale	Ran 139 jts of 15 1/2# 5 1/2" csg
2066	6600	Lime - Shale	LD @ 5783 w/50 sks lite
	6600 - TD		155 sks 50/50 Posmix
			PD @ 9:30 am 9-20-91
			RR @ 10:30 am 9-20-91

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.

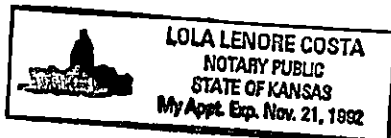

James S. Sutton, II. -- President

Subscribed & sworn to before me this
25th day of September, 1991.



Lola Lenore Costa

My commission expires Nov. 21, 1992





KCC

INVOICE

ORIGINAL

REMIT TO: P O BOX 201556 HOUSTON TX 77216

OCT 31

0312

INVOICE DATE

09/08/91

CONFIDENTIAL

556028 ANADARKO PETROLEUM CORP

BOX 351 LTRERAL KS 67901

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PAGE 1

INVOICE NUMBER 03-12-4019

TYPE SERVICE

CEMENTING CEMENT SURFACE C

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
BLACK C 2	KS	SEWARD	ULYSSES	DS	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 2-333-34			09/08/91	JIM BARLOW	

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
059200002	MILEAGE, ALL OTHER EQUIPMENT	MT	10	2.6500	26.50
059200002	MILEAGE, ALL OTHER EQUIPMENT	MT	40	.0000	N/C
102871020	CSNG CHNT 1501-2000' 1ST 8HR	8HR	1	1,000.0000	1,000.00
049102000	TRANSPORTATION CHNT TON MILE	MT	352	.8000	281.60
049100000	SERVCE CHG CEMENT MATL LAND	CFT	834	1.1500	959.10
040015000	D999, CEMENT CLASS H	CFT	488	7.2500	3,538.00
045000000	D35, LITEPOZ 3 EXTENDER	CFT	287	3.5000	1,004.50
045014050	D20, BENTONITE EXTENDER	LBS	1932	.1600	309.12
067005100	S1,CALCTUM CHLORIDE	LBS	1342	.3400	456.28
056704085	PLUG CENG 8-5/8" TOP AL CORE	EA	1	150.0000	150.00
040601000	CEMENT HEAD RENTAL	JOB	1	.0000	N/C
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	125.0000	125.00
	DISCOUNT - MATERIAL				2,623.60-
	DISCOUNT - SERVICE				1,150.03-
				SUB-TOTAL	4,876.47
N C	STATE TAX ON			2,838.10	120.62
N F C	LOCAL TAX ON			2,838.10	28.39
				AMOUNT DUE --	4,225.48

1616-2041 KA

Jim Barlow

9/22/91

WITH QUESTIONS CALL 316-356-1272 FEDERAL TAX ID # 38-239-7173 TERMS -- NET 30 DAYS DUE ON OR BEFORE OCT 08, 1991

THANK YOU. WE APPRECIATE YOUR BUSINESS.

J. B. Watson X B WATSON

ORIGINAL HALLIBURTON SERVICES

A Halliburton Company

KCC

OCT 31 31

CONFIDENTIAL

INVOICE

INVOICE NO.	DATE
142343	09/20/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
BLACK C-2		SEWARD		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #8		CEMENT PRODUCTION CASING		09/20/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
019595	STEVE R. WOELFEL	<i>John St...</i>	33876	COMPANY TRUCK	22771	

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

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PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	*-KANSAS STATE SALES TAX				72.95
	*-SEWARD COUNTY SALES TAX				17.17
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$3,194.69

16666-22041
10/18

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.



KCC

REMIT TO:

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

ORIGINAL HALLIBURTON SERVICES

OCT 31

A Halliburton Company

CONFIDENTIAL

INVOICE NO.	DATE
142343	09/20/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
BLACK C-2		SEWARD		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #8		CEMENT PRODUCTION CASING		09/20/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA		FILE NO.
019595	STEVE R. WOELFEL	<i>Jahn Shea</i>	33876	COMPANY TRUCK		22771

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	PRICING AREA - MID CONTINENT MILEAGE	15	MI	2.60	39.00
001-016	CEMENTING CASING	RD 5840	FT	1,520.00	1,520.00
030-016	CEMENTING PLUG SW ALUM TOP	5 1/2	IN	50.00	50.00
218-738	CLAYFIX II	2	GAL	20.00	40.00
018-315	MUD FLUSH	840	GAL	.55	462.00
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	105.00	105.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	83.00	83.00
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
815.19311					
40	CENTRALIZER 5-1/2" MODEL S-4	10	EA	44.00	440.00
807.93022					
504-043	PREMIUM CEMENT	78	SK	6.85	534.30
506-105	POZMIX A	77	SK	4.32	332.64
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
504-118	HALLIBURTON LIGHT CEMENT - PREM	50	SK	6.48	324.00
507-210	FLOCELE	64	LB	1.30	83.20
508-291	GILSONITE BULK	775	LB	.35	271.25
509-963	SALT	750	LB	.10	75.00
500-207	BULK SERVICE CHARGE	235	CFT	1.15	270.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	146.1	TMI	.80	116.88
INVOICE SUBTOTAL					4,776.52
DISCOUNT - (BID)					1,671.95-
INVOICE BID AMOUNT					3,104.57

***** 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.