

15-175-10004-0000

ORIGINAL

FORM MUST BE TYPED

SIDE ONE

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

API NO. 15-15-175-10004-0000 NA (SPUD 09/12/62)

County SEWARD  
- C - SW - NE Sec. 27 Twp. 33S Rge. 33 X W

Operator: License # 4549

1980' Feet from S(N) (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

1980' Feet from E(W) (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 BROWNE "B" Well # 1

Purchaser: ANADARKO TRADING COMPANY

Field Name EVALYN

Operator Contact Person: G. B. SMITH

Producing Formation LOWER MORROW

Phone (316) 624-6253

Elevation: Ground 2826' KB --

Contractor: Name: NA

Total Depth 6230' PBDT 6010'

License: NA

Amount of Surface Pipe Set and Cemented at 1589 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion  
New Well Re-Entry X Workover

If yes, show depth set Feet

Oil SWD SIOW Temp. Abd.  
X Gas ENHR SIGM  
Dry Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from feet depth to w/ sx cmt.

If Workover:

Drilling Fluid Management Plan Rework JZ 4-30-97  
(Data must be collected from the Reserve Pit)  
NOT APPLICABLE

Operator: ANADARKO PETROLEUM CORPORATION

Chloride content ppm Fluid volume bbls

Well Name: BROWNE "B" NO. 1

Dewatering method used

Comp. Date 10/4/62 Old Total Depth 6230'

Location of fluid disposal if hauled offsite:

XXY SQUEAZED OFF OLD PERFORATIONS  
Deepening X Re-perf. Conv. to Inj/SWD  
X Plug Back 6010' PBDT  
Commingled Docket No.  
Dual Completion Docket No.  
Other (SWD or Inj?) Docket No.

RECEIVED  
STATE CORPORATION COMMISSION

Operator Name

Lease Name APR 28 1997 License No.

01/29/97 -- 02/26/97

Quarter Sec. Twp. S Rng. E/W

Date of START Date Reached TD Completion Date of WORKOVER

County Docket Kansas

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 John M. Dolan  
JOHN M. DOLAN  
Title OPERATIONS ANALYST Date 4/24/97

Subscribed and sworn to before me this 24th day of April 19 97.

Notary Public Freda L. Hinz

Date Commission Expires

FREDA L. HINZ  
Notary Public - State of Kansas  
My Appl. Expires 5-15-99

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)

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name BROWNE "B" Well # 1

Sec. 27 Twp. 33S Rge. 33  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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample
Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name <span style="float: right;">Top Datum</span>
Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(SEE ORIGINAL DRILLER'S LOG - ATTACHED)
Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.)	
List All E.Logs Run:	

** Original Completion 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"	24.0	1589'	POZMIX COMMON	725	2% CC
** PRODUCTION	7-7/8"	5-1/2"	15.5	6223'	SALT SAT POZMIX	225	4% GEL

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input checked="" type="checkbox"/> Plug Off Zone	5704'	5720'	PREMIUM	50	(U. MORROW ZONE SQZD OFF)

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
	SET CIBP @ 6010' (NEW PBTD)		SQZD U. MORROW PERFS W/50 SXS CLASS H CMT	5704-5720'
3	PERF 5844-64', 5868-79', 5884-88', 5908-28' (L. MORROW)		ACIDIZED W/5,500 GAL 15% FEHCL & FRAC'D W/39,500 GAL 25# GEL + 150,000# 20/40 SND	5844-5928' OA

TUBING RECORD	Size 2-3/8"	Set At 5877'	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. RESUMED 02/20/97	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 208 Mcf	Water 5 Bbls.	Gas-Oil Ratio --	Gravity NA
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Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole  Perf.  Dually Comp.  Commingled 5844-5928' OA  
 Other (Specify) \_\_\_\_\_

Production Interval

REVISED

ORIGINAL

KANSAS DRILLERS LOG

S. 27 T. 33S R. 33 <sup>Ex</sup> W

Loc. C SW NE

County Seward

API No. 15 — County Number

Operator Anadarko Production Company

Address P. O. Box 351

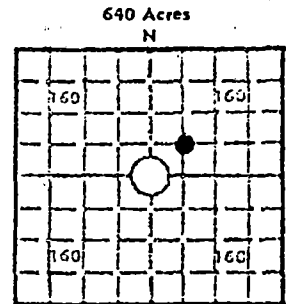
Well No. 1 Lease Name Browne "B"

Footage Location 1980 feet from (N) (S) line 1980 feet from (E) (W) line

Principal Contractor Roberts Drilling Company Geologist John E. Kimberly

Spud Date 9/12/62 Total Depth 6230 P.B.T.D. 6100

Date Completed 10/4/62 Oil Purchaser Diamond Shamrock



Elev.: Gr. 2827'

DF KB

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4"	8-5/8"	24#	1589'	Pozmix & Common	725	2% CaCl <sub>2</sub>
Production	7"	5-1/2"	15#	6223'	Salt Saturated & Pozmix	225	4% Gel.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			8-Way Jet	.38"	5709', 5710-20'

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	5816'	6100-6103'

RECEIVED STATE CORPORATION COMMISSION

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
200 gal. 10% MSR acid	5709', 5710-20'

INITIAL PRODUCTION

Date of first production 12/5/62	Producing method (flowing, pumping, gas lift, etc.) Flowing
RATE OF PRODUCTION PER 24 HOURS Oil 162.5 - 16 hrs. 243.75 - 24 hrs.	Gas Water Gas-oil ratio MCF bbls. CFPB
Disposition of gas (vented, used on lease or sold) Sold	Producing interval(s) 5709', 5710-20'

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 65217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator  
Anadarko Production Company

DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.:

Well No. 1 Lease Name Browne "B"

Oil (Reclassification, See

S 27 T 33S R 33 <sup>EX</sup> W

Remarks)

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface Soil and Sand	0	185		
Sand	185	650		
Red Bed & Sand	650	1010		
Red Bed & Anhydrite	1010	1050		
Red Bed and Sand	1050	1280		
Red Bed and Shale	1280	1578		
Anhydrite	1578	1618		
Red Bed	1618	1933		
Red Bed and Shalre	1933	2160		
Lime and Shale	2160	2900		
Lime	2900	3223		
Lime and Shale	3223	3370		
Lime and Chalk	3370	3480		
Lime	3480	4080		
Lime and Shale	4080	4405		
Lime	4405	5495		
Lime and Shale	5495	6116		
Lime	6116	6138		
Lime, Shale and Sand	6138	6152		
Lime	6152	6230		
Total Depth	6230			

Remarks: Formerly produced as dual oil (Morrow ) and gas (Chester) thru two (2) tubing strings. Bridge plug set at 5827 to abandon Chester gas zone.

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

*[Signature]*  
Signature  
DIVISION PRODUCTION ENGINEER  
Title  
July 27, 1977  
Date



**HALLIBURTON ENERGY SERVICES**  
HAL-1906-P

CHARGE TO: ANADARKO Petroleum  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

CUSTOMER COPY

TICKET No. **185310 - 4**

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>025240 LIBERAL</u>	WELL/PROJECT NO. <u>B-1</u>	LEASE <u>BROWNE</u>	COUNTY/PARISH <u>SEWARD</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION <u>N LIBERAL</u>	DATE <u>1-31-77</u>	OWNER <u>ANP</u>
2. <u>025235 HIGDON</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>PAIRER WELL SER</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>WELL SITE</u>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT.	DF			U/M			
000-117		1			MILEAGE	16	mi	2.25		37.50
000-119		1			CREW MILEAGE	16	mi	1.60		25.60
009-134		1			PUMP CHARGE	5490	FT	2.21	20	122.10
RECEIVED STATE OF KANSAS CONSERVATION DIVISION APR 22 1977 WICHITA, KANSAS										

ORIGINAL

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

TYPE LOCK	DEPTH	
BEAN SIZE	SPACERS	
TYPE OF EQUALIZING SUB.	CASING PRESSURE	
TUBING SIZE	TUBING PRESSURE	WELL DEPTH
TREE CONNECTION	TYPE VALVE	

<b>SURVEY</b>	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WE UNDERSTOOD AND MET YOUR NEEDS?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OUR SERVICE WAS PERFORMED WITHOUT DELAY?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	23
FROM CONTINUATION PAGE(S)	1172
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	2355.77

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

I do  do not require IPC (Instrument Protection).  Not offered

DATE SIGNED: 1-30-77 TIME SIGNED: 11:30

A.M.  P.M.

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <u>B.D. Wick</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): <u>X [Signature]</u>	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
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JOB LOG • HAL-2013-C

DATE: 1-31-97 PAGE NO. 1

CUSTOMER: ANADARKO PET WELL NO.: B-1 LEASE: BROWN JOB TYPE: SQUEEZE TICKET NO.: 185310

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							JOB READY
	0500							CALLED OUT FOR JOB
	0800							PUMP TRUCK ON LOCATION
								PACKER SET AT 5640'
								SET UP PUMP TRUCK -
								WAIT ON TOOL MAN TO BRING MANIFOLD
	0900							HOOK UP TO 2 7/8 INGS & ANNULUS
	0920				✓	500		PRESSURE UP ON ANNULUS
	0930	5.0	23.0	✓		280	500	TAKE IN SECTION RATE
	0937	3.5	10.0	✓		250	500	MIX 50 SKS CMT AT 16.4 <sup>LB</sup> /GAL
	0940					0	500	THROUGH MIXING CMT - SHUT DOWN
	0941							WASH OUT PUMP & LINES -
	0942	3.5		✓		125	500	START DISPACING
	0946		16.0					HAVE 16 BALS OUT - SHUT DOWN ON SLIGHT VACUUM
			17.0					HAVE 17 OUT, NOT ON VACUUM
	0952					1500	500	MOVE CMT - PRESSURE UP TO 1500 <sup>LB</sup> /PSI
								HAVE SLIGHT BLEED OFF
	0954					1350	500	PRESSURE BACK UP TO 1500 <sup>LB</sup> /PSI
	0958							RELEASE BACK - NO FLOW BACK
	1005							THREAT PACKER - REVERSE OUT
								GOT 5 BALS CMT BACK
								(SQUEEZED OFF PERFS WITH 20 SKS)
								PULL 4 STD'S SET PACKER
	1040							PRESSURE UP TO 1000 <sup>LB</sup> /PSI
	1100							RELEASE CREW
								JOB COMPLETE
								THANK YOU! FOR CALLING HALLIBURTON
								WOODY & DANNY

ORIGINAL

APR 0 1997

CONSERVATION DIVISION  
Wichita, Kansas