

ORIGINAL

SIDE ONE

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

API NO. 15- 189-21503-0000

County Stevnes

App. NW Sec. 29 Twp. 32S Rge. 36 East West

4030 Ft. North from Southeast Corner of Section

4030 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Long "B" Well # 1H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3090.4 KB NA

Total Depth 3015 P8TD 2993

Operator: License # 4549

Name: Anadarko Petroleum Corp.

Address P. O. Box 351

City/State/Zip Liberal, Kansas 67905-0351

Purchaser: Northern Natural Gas Co.
(Transporter)

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 Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

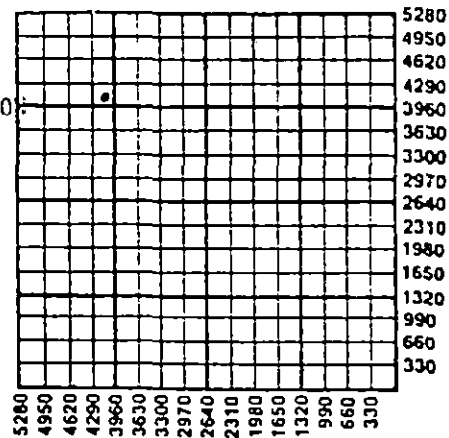
6-5-91 6-8-91 8-13-91

Spud Date Date Reached TD Completion Date

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AUG 23 1991

CONSERVATION DIVISION
WICHITA, KANSAS



Amount of Surface Pipe Set and Cemented at 628 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 8-21-91

Subscribed and sworn to before me this 21st day of August, 1991.

Notary Public Cheryl Steers

Date Commission Expires _____

CHERYL STEERS
Notary Public - State of Kansas
My Appt. Expires 10-1-93

K.C.C. OFFICE USE ONLY
F _____ Letter of Confidentiality Attached
C Wireline Log Received
C _____ Drillers Timelog Received

Distribution
_____ KCC _____ SWD/Rep _____ NGPA
_____ KGS _____ Plug _____ Other
(Specify)

P1

SIDE TWO

Operator Name Anadarko Petroleum Corporation Lease Name Long "B" Well # 1H
 Sec. 29 Twp. 32S Rge. 36 East West County Stevens

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.)

Name	Formation Description	
	Top	Bottom
Blaine	1099	1203
Cedar Hills	1245	1415
Stone Corral	1708	1767
Chase	2604	2904
Council Grove	2904	NA
TD		3015

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

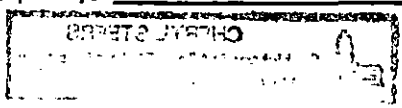
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	24	628	Pozmix & Common	350	2% cc 3% cc
Production	7 7/8	5 1/2	14	3010	Class "C"	265	20% DCD 10% DCD

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2920-2905, 2902-2895, 2870-76,	A/2200 gals 15% Fe-HCL acid.	2895-2920
2	2806-40, 2751-96, 2704-30, 2652-89, 2620-28	Brk dwn w/17,100 gals 2% KCL wtr + 428 BS. Frac w/121,500 gals x-linked gelled 2% KCL wtr + 323,000# 12/20 sd.	2620-2870

TUBING RECORD
 None Size Set At Packer At 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 1540 Mcf d Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Other (Specify) Production Interval 2620-2920 O.A.





INVOICE

REMIT TO:

ORIGINAL

P O BOX 201556
HOUSTON TX 77216

0312

INVOICE DATE

06/05/91

PAGE

INVOICE NUMBER

1

03-12-3839

556028
ANADARKO PETROLEUM CORP

BOX 351
LIBERAL KS 67901

TYPE SERVICE

CEMENTING
CEMENT SURFACE C

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
LONG R 1H	KS	STEVENS	WYSSSE	DS	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 29-32S-36N			06/05/91	JIM BARLOW	

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
059200002	MILEAGE, ALL OTHER EQUIPMENT	MT	30	2.6500	79.50
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	125.0000	125.00
102871010	CSNG CHNT 501-1000' 1ST 8 HR	8HR	1	670.0000	670.00
049102000	TRANSPORTATION CHNT TON MILE	MT	493	.8000	394.40
049100000	SERVICE CHG CEMENT MATL LAND	CFT	366	1.1500	420.90
040015000	D909, CEMENT CLASS H	CFT	305	7.2500	2,211.25
045000000	D35, LITEPOZ 3 EXTENDER	CFT	45	3.5000	157.50
067005100	S1,CALCIUM CHLORIDE	LBS	799	.3400	271.66
044003025	D29, CELLOPHANE FLAKES	LBS	88	1.4500	127.60
056704085	PLUG CENG 8-5/8" TOP AL CORE	EA	1	150.0000	150.00
	DISCOUNT - MATERIAL				817.05
	DISCOUNT - SERVICE				473.14
				SUB TOTAL --	3,317.62
H C	STATE TAX ON			2,100.97	89.29
				AMOUNT DUE --	3,496.91

4554-2041
Jim Barlow

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Wichita, Kansas

6-13-91

WITH QUESTIONS CALL 316-356-1272

FEDERAL TAX ID # 38-239-7173

TERMS -- NET 30 DAYS DUE ON OR BEFORE JUL 05, 1991

THANK YOU. WE APPRECIATE YOUR BUSINESS.

R.A. Adamiak
R A ADAMIAK



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

ORIGINAL

INVOICE NO.	DATE
141965	06/07/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
LONG "B" 1-H		STEVENS		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	TICKET DATE
LIBERAL		GABBERT & JONES 11		CEMENT PRODUCTION CASING	06/07/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JOHN SHILLING		33876	COMPANY TRUCK	16838

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	32	MI	2.60	83.20
001-016	CEMENTING CASING	3015	FT	1,185.00	1,185.00
030-016	CEMENTING PLUG SW ALUM TOP	5 1/2	IN	50.00	50.00
018-315	MUD FLUSH	1260	GAL	.55	693.00
218-738	CLAYFIX II	2	GAL	20.00	40.00
16A	CASING SHOE - 8 5/8" 8RD THD.	1	EA	161.00	161.00
830.2171					
504-050	PREMIUM PLUS CEMENT	265	SK	7.08	1,876.20
507-210	FLOCELE	66	LB	1.30	85.80
508-143	DIACEL D	4600	LB	.42	1,932.00
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	26.25	131.25
500-207	BULK SERVICE CHARGE	555	CFT	1.15	638.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	119.904	TMI	.80	95.92
INVOICE SUBTOTAL					6,971.62
DISCOUNT-(BID)					1,742.90-
INVOICE BID AMOUNT					5,228.72
*-KANSAS STATE SALES TAX					158.41
*-SEWARD COUNTY SALES TAX					37.28
<p><i>Beverly J. Williams</i> 4554-2041 8-21-91 214 August 6-12-91 <i>Cheryl Steer</i></p>					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$5,424.41

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Wichita, Kansas

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.

ORIGINAL

WELL NAME: LONG "B" 1-H
 SEC: 29-32S-36W
 STEVENS COUNTY, KANSAS

COMMENCED: 6-5-91

COMPLETED: 6-8-91

OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	633	Sand-Clay	
633	1255	Redbed	Ran 15 jts of 24# 8 5/8" csg LD @ 633' W/180 sks 75/25
1255	1420	Glorietta Sand	Posmix - 2% CC - 1/4# CF
1420	3015	Shale	170 sks Commom - 3% CC 1/4# CF PD @ 5:15 PM 6-5-91
3015 TD			Ran 71 jts of 14# 5 1/2" csg LD @ 3010' W/225 sks Class C 20% DCD - 2% CC - 1/4# CF 40 sks Class C - 10% DCD 2% CC - 1/4 # CF PD @ 1:45 AM 6-8-91 RR @ 2:45 AM 6-8-91

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AUG 23 1991

Cur...
 Wichita, Kansas

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.
 James S. Sutton, II. -- President

Subscribed & sworn to before me this
 10th Day Of June 1991

Lola Lenore Costa
 Lola Lenore Costa

My commission expires Nov. 21, 1992

