FORM MUST BE TYPED **CONFIDENTIAL**

SIDE ONE

7164T

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

API NO. 15- 187-20809-0000 **ORIGINAL**

County Stanton

__ - C - SE - NW Sec. 35 Twp. 29S Rge. 40 X W E

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

1980 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 Shonn Gregory Well # 1-35

Field Name Little Arrow

Producing Formation St. Louis

Elevation: Ground 3253.77' KB 3265'

Total Depth 5750' PBTD 5713'

Amount of Surface Pipe Set and Cemented at 1579 Feet

Multiple Stage Cementing Collar Used? X Yes ____ No

If yes, show depth set 2842 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan alt I 6-6-96 JW
(Data must be collected from the Reserve Pit)

Chloride content 1550 ppm Fluid volume 4000 bbls

Dewatering method used Dried and Filled

Location of fluid disposal if hauled offsite:

Operator Name RELEASED

Lease Name _____ License No. _____

____ Quarter Sec. SEP 16 1998 Twp. ____ S Rng. ____ E/W

County _____ Docket No. FROM CONFIDENTIAL

Operator: License # 5952

Name: Amoco Production Company

Address PO Box 800 Room 924

City/State/Zip Denver, CO 80201

Purchaser: Williams-Gas Texaco-Oil

Operator Contact Person: Susan R. Potts

Phone (303) 830-5323

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: Chuck Schmaltz

Designate **Type of Completion**
X New Well ____ Re-Entry ____ Workover

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

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD
____ Plug Back _____ PBTD
____ Commingled Docket No. _____
____ Dual Completion Docket No. _____
____ Other (SWD or Inj?) Docket No. _____

1/4/96 Spud Date | 1/17/96 Date Reached TD | 1/25/96 Completion Date

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 Susan R. Potts

Title Senior Staff Assistant Date 4-8-96

Subscribed and sworn to before me this 8th day of April, 19 96.

Notary Public Susan A Wilson

Date Commission Expires August 4, 1998

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)

RECEIVED
KANSAS CORPORATION COMMISSION

APR 09 1996

CONSERVATION DIVISION
WICHITA, KS

Form ACO-1 (7-91)

SIDE TWO

CONFIDENTIAL

Operator Name Amoco Production Company | Lease Name Shonn Gregory | Well # 1-35A

Sec. 35 Twp. 29S Rge. 40 ☐ East ☒ West | County Stanton

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.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☒ Yes ☐ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

List All E.Logs Run:Microlog, Dual induction Laterolog, Spectral Density Dual Spaced Neutron II

☒ Log **Formation (Top), Depth and Datums** ☐ Sample

Name	Top	Datum
Stone Corral	1669'	KB
Chase	2245'	
Council Grove	2536'	
Base Heebner	3713'	
Lansing	3770'	
Marmaton	4383'	
Cherokee	4563'	
Morrow	5092'	
Chester	5467'	
St. Genevieve	5502'	
St. Louis	5594'	

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	12.25"	8.625"	24	1579'	Premium Plus Lite	460	2%CC+1/4#Flocele
Production-1st Stage	7.875"	4.5"	10.5	5750'	Premium Plus	150	2%CC+1/4#Flocele
					Premium	350	1%CC,7%EA-2,.6% Halad-322,15%Salt, 1/4# D-Air
Production-2nd Stage	7.875"	4.5"	10.5	2842'	Premium Plus Lite	350	1/4# Flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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	5612-5631'; 5598-5604'	N/A	

TUBING RECORD	Size	Set At	Packer At	Liner Run
N/A				☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj. First Oil-2/3/96 First Gas-3/15/96

Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	600 BOPD	300 MCFD			

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 5598-5631'

☐ Other (Specify) _____

ORIGINAL

AMOCO PRODUCTION COMPANY
SHONN GREGORY
SECTION 35-T29S-R40W
STANTON COUNTY, KANSAS

CONFIDENTIAL

15-187-20809

COMMENCED: 01-03-96
COMPLETED: 01-17-96

SURFACE CASING: 1552' OF 8 5/8" CMTD W/460 SKS PREMIUM PLUS LITE + 2% CC + 1/4 #/SK FLOCELE. TAILED IN W/150 SKS CLASS C + 2% CC + 1/4 #/SK FLOCELE.

FORMATION	DEPTH
SURFACE HOLE	0 - 1579
STONE CORRAL	1579 - 2171
CHASE	2171 - 2670
COUNCIL GROVE	2670 - 3605
HEBNER & LANSING	3605 - 3885
LANSING	3885 - 4470
CHEROKEE	4470 - 5069
MORROW	5069 - 5463
CHESTER	5463 - 5575
ST. GENEVEIVE	5575 - 5634
ST LOUIS	5634 - 5750 RTD

RELEASED
SEP 16 1998
FROM CONFIDENTIAL

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

Wray Valentine

WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 22ND DAY OF JANUARY, 1996

JOLENE K. RUSSELL

Jolene K. Russell

NOTARY PUBLIC

JOLENE K. RUSSELL
State of Kansas
My Appt. Exp. 9-13-99

RECEIVED
KANSAS CORPORATION COMMISSION

APR 09 1996

CONSERVATION DIVISION
WICHITA, KS

HALLIBURTON

JOB LOG HAL-2013-C

DATE	PAGE NO.
1-4-96	1

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Amoco	1-35	[redacted]	[redacted]	919751

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE(PSI) TUBING	PRESSURE(PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	1830							On Loc Rig up from Previous Surface
	2030							Trip in Hole for Bit Change
	2115							Start Drilling
1-5-96	0230							T.D.
	0530							Start Casing
	0715							Csg on Bottom
	0802							Hook up Circulating with Rig
	0805							Hook up Halliburton
	0830	7.4	17				150	Start Lead Cmt @ 10.2 #/gal
	0853	5	35				150	Start Tail Cmt @ 14.5 #/gal
	0900						0	Shut Down
	0901						0	Drop Plug Top Plug
	0903	4.75	95				0	Start Displacement with Fresh H2O
	0914						500	Plug Down
	0919						750	Release Press Float Held
							0	Job Complete
								[redacted]
								94 Sacks
								50 Sks
								Thank You For Calling
								Halliburton
								Randy and Todd
								Danny and Chad
								Time on Loc 13½ Hrs
								Pump Time 5½ Hrs

CONFIDENTIAL

ORIGINAL

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

APR 09 1996

CONSERVATION DIVISION
WICHITA, KS

CUSTOMER

HALLIBURTON JOB SUMMARY

HALLIBURTON DIVISION: Mid Continent

HALLIBURTON LOCATION: Liberal Ks

BILLED ON TICKET NO. [illegible]

WELL DATA

FIELD ______ SEC. 35 TWP. 27 RNG. 40W COUNTY [illegible] STATE Ks

FORMATION NAME ______ TYPE ______

FORMATION THICKNESS ______ FROM ______ TO ______

INITIAL PROD: OIL ______ BPD. WATER ______ BPD. GAS ______ MCFD

PRESENT PROD: OIL ______ BPD. WATER ______ BPD. GAS ______ MCFD

COMPLETION DATE ______ MUD TYPE ______ MUD WT. ______

PACKER TYPE ______ SET AT 1' 17

BOTTOM HOLE TEMP. ______ PRESSURE ______

MISC. DATA ______ TOTAL DEPTH ______

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24	[redacted]	KB	[redacted]	
LINER						
TUBING						
OPEN HOLE			12 1/4	KB	1539	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 1-4-95	DATE 1-4-95	DATE 1-5-95	DATE 1-5-95
TIME 2330	TIME 1430	TIME [illegible]	TIME [illegible]

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE Insert 8 5/8	1	H
GUIDE SHOE		
CENTRALIZERS 8 5/8	4	O
BOTTOM PLUG		
TOP PLUG 5W 8 5/8	1	W
HEAD P/C 8 5/8	1	
PACKER		C
OTHER		O

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
J. [illegible]	420.414 Pu	Liberal Ks
R. Elwood [illegible]	52554 / 75104 ADC [illegible]	"
D. [illegible]	5536 [illegible]	Hugoton
J. [illegible]	50866-7649 [illegible]	"

CONFIDENTIAL

MATERIALS

TREAT. FLUID ______ DENSITY ______ LB/GAL.°API

DISPL. FLUID ______ DENSITY ______ LB/GAL.°API

PROP. TYPE ______ SIZE ______ LB. ______

PROP. TYPE ______ SIZE ______ LB. ______

ACID TYPE ______ GAL. ______ %

ACID TYPE ______ GAL. ______ %

ACID TYPE ______ GAL. ______ %

SURFACTANT TYPE ______ GAL. ______ IN ______

NE AGENT TYPE ______ GAL. ______ IN ______

FLUID LOSS ADD. TYPE ______ GAL.-LB. ______ IN ______

GELLING AGENT TYPE ______ GAL.-LB. ______ IN ______

FRIC. RED. AGENT TYPE ______ GAL.-LB. ______ IN ______

BREAKER TYPE ______ GAL.-LB. ______ IN ______

BLOCKING AGENT TYPE ______ GAL.-LB. ______

PERFPAC BALLS TYPE ______ QTY. ______

OTHER ______

OTHER ______

RECEIVED KANSAS CORPORATION COMMISSION APR 09 1996 CONSERVATION DIVISION WICHITA, KS

DEPARTMENT Cement

DESCRIPTION OF JOB [illegible] Surface [illegible]

JOB DONE THRU: TUBING ☐ CASING ☑ ANNULUS ☐ TBG./ANN. ☐

CUSTOMER REPRESENTATIVE X Sam [illegible]

HALLIBURTON OPERATOR Robert Elwood COPIES REQUESTED ______

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	[redacted]	Premium Plus Lite	Halco	B	2% CC 1/4# Flocele	2.10	12.3
	[redacted]	Premium Plus	"	B	2% CC 1/4# Flocele	1.32	14.8

SUMMARY

PRESSURES IN PSI

CIRCULATING ______ DISPLACEMENT ______

BREAKDOWN ______ MAXIMUM ______

AVERAGE ______ FRACTURE GRADIENT ______

SHUT-IN: INSTANT ______ 5-MIN. ______ 15-MIN. ______

HYDRAULIC HORSEPOWER

ORDERED ______ AVAILABLE ______ USED ______

AVERAGE RATES IN BPM

TREATING ______ DISPL. ______ OVERALL ______

CEMENT LEFT IN PIPE

FEET 42.67 REASON Shoe Joint

VOLUMES

PRESLUSH: BBL.-GAL. ______ TYPE ______

LOAD & BKDN: BBL.-GAL. ______ PAD: BBL.-GAL. ______

TREATMENT: BBL.-GAL. ______ DISPL. (BBL.)-GAL. 92

CEMENT SLURRY: (BBL.)-GAL. 172 LC

TOTAL VOLUME: BBL.-GAL. 35 TC

327.2

REMARKS

[illegible]

FORM 2025-R4

CUSTOMER

HALLIBURTON

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 919751

CUSTOMER	WELL	DATE	PAGE	OF
Amoco Production	Stein Gregory 1-35	01-06-96	2	2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
504-050	516.00065				Premium Plus Cement	150	sk			12 62	1893 00
504-120					Premium Plus Lite Cement	460	sk			11 12	5115 20
504-050	516.00065					200	sk				
506-105	516.00286					11914	lb				
505-121	516.00459					24	sk				
507-210	890.50071				Flocele ¼#/ 610	153	lb			1 65	252 45
509-406	890.50812				Calcium Chloride 2%/ 610	11	sk			36 75	404 25
500-207					SERVICE CHARGE	CUBIC FEET 642				1 35	866 70
500-306					MILEAGE CHARGE / TOTAL WEIGHT 57,554 / LOADED MILES 43	TON MILES 1237.411				95	1175 54

CONTINUATION TOTAL 9,707.14

No. B 219585

ORIGINAL

CONFIDENTIAL

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

RECEIVED

KANSAS CORPORATION COMMISSION

APR 09 1996

CONSERVATION DIVISION

WICHITA, KS

HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: Amoco Production

ADDRESS

CITY, STATE, ZIP CODE

CUSTOMER COPY

TICKET No. 919751 - 8

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
1. 03 55 40 Liberal 2. 03 55 35 Hugoton 3. 4.	1-35	Shawn Gregory	Stanton	Ks	S. Big Bow Ks	7-4-95	Same

TICKET TYPE	NITROGEN JOB?	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.
☒ SERVICE ☐ SALES	☐ YES ☒ NO	Cheyenne	3	HES	Location	

WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION
01	01	010		

REFERRAL LOCATION

INVOICE INSTRUCTIONS

ORIGINAL

CONFIDENTIAL

RECEIVED SEP 16 1998 FROM CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION APR 09 1998 CONSERVATION DIVISION WICHITA, KS

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
000-117					MILEAGE	28	m	2	EA	2 85	159 60
001-016					Pump Charge	6	HR	1567	FT		1320 00
030-018					5-Wiper Top Plug	8 5/8	IN	1	EA		130 00
001-018					Additional Hours	1	HR	7	EA	235 00	1645 00
24 A	815 19502				Insert Float	8 5/8	IN	1	EA		178 00
27	815 19415				Fill Assembly	8 5/8	IN	1	EA		64 00
41	806 61048				Centralizers	7 7/8	IN	4	EA	61 00	244 00
350	890-10802				Weld-A	1	lb	1	EA		16 75

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.

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

X

DATE SIGNED | TIME SIGNED ☐ A.M. ☐ P.M.

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

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			

ARE YOU SATISFIED WITH OUR SERVICE? ☐ YES ☐ NO

☐ CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	3,750 35
FROM CONTINUATION PAGE(S)	9,707 14
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	13,457 49

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

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
Jim Cannack	X	Robert Elmore	D. 4360	

TERMS AND CONDITIONS

For good and valuable consideration received, Customer (as identified on the face of this document) and Halliburton Energy Services, a division of Halliburton Company (hereinafter "Halliburton") agree as follows:

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton.

B. PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

C. RELEASE AND INDEMNITY - CUSTOMER AGREES TO RELEASE HALLIBURTON GROUP FROM ANY AND ALL LIABILITY FOR ANY AND ALL DAMAGES WHATSOEVER TO PROPERTY OF ANY KIND OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER AND THOSE PERSONS AND ENTITIES CUSTOMER HAS THE ABILITY TO BIND BY CONTRACT. CUSTOMER ALSO AGREES TO DEFEND, INDEMNIFY, AND HOLD HALLIBURTON GROUP HARMLESS FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, COSTS, EXPENSES, ATTORNEY FEES AND DAMAGES WHATSOEVER FOR PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE AND LOSS RESULTING FROM:

LOSS OF WELL CONTROL; SERVICES TO CONTROL A WILD WELL WHETHER UNDERGROUND OR ABOVE THE SURFACE; RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES OR WATER; SURFACE DAMAGE ARISING FROM UNDERGROUND DAMAGE; DAMAGE TO OR LOSS OF THE WELL BORE; SUBSURFACE TRESPASS OR ANY ACTION IN THE NATURE THEREOF; FIRE; EXPLOSION; SUBSURFACE PRESSURE; RADIOACTIVITY; AND POLLUTION AND ITS CLEANUP AND CONTROL.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN IF THE LIABILITY AND CLAIMS ARE CAUSED BY THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE, FAULT, OR STRICT LIABILITY OF ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, THE UNSEAWORTHINESS OF ANY VESSEL OR ANY DEFECT IN THE DATA, PRODUCTS, SUPPLIES, MATERIALS OR EQUIPMENT FURNISHED BY HALLIBURTON GROUP, WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton. Customer shall be responsible for damage to or loss of Halliburton equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton equipment damaged by corrosion or abrasion due to well effluents.

E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this agreement and that same are free from defects in workmanship and materials for one year from date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH, ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. WAIVER - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

H. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this agreement, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 5151 San Felipe, Houston, Texas 77056.

(0593)

HALLIBURTON

JOB LOG HAL-2013-C

DATE 1- -96 PAGE NO.

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Anson Production	1-35	Shown Gregory	[redacted] 4½ Port Collar	919881

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE(PSI) TUBING	PRESSURE(PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
								Time Called
	0400							Time Ready
	0445							Time on Loc.
								ORIGINAL
	0455							Start Runing Casing
	0735							Casing in Hole
	0735							Hook up to Circulate
	0745							Circulate Casing w/ Rig Pump
	0747							Circulate Mud To Ground Level
	0830						1 STAGE	Hook up To Pump Truck
	0833	6					450	Start Mixing Cement
	0838	/	314 SKS				250	Finish Mixing Cement
	0841						250	Shut Down Drop Plug.
	0850	/						wash Pump's + lines
	0853	6					175	Start Displacement
	0915	3.9 BBLS	91 BBLS				330/1000	Plug Down Plug Held.
								Circulate Fluid Thru out Job
	0917							Drop Bomb
	0927						650	Press up
	0928							Circulate Thru DV Tool
	0930							Hook up To Rig Pump To Circulate The Hole
	1330							Log D Top Plug
	1330						2 STAGE	Hook up To Pump Truck
	1334	5.5					150	Start Mixing Cement
	1356	/	127 BBLS				200	Finish Mixing Cement
	1357						200	Shut Down Drop Plug
								wash Pump's + Lines
	1400	5					200	Start Displacement
	1415	3 BBLS	145.1				900/1000	Plug Down Shut DV Tool +
								Circulate Fluid Thru out Job
								Thanks For Calling Dennis Cole & Crew

CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION
APR 09 1996
CONSERVATION DIVISION
WICHITA, KS

RELEASED
SEP 16 1998
FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION
APR 09 1996
CONSERVATION DIVISION
WICHITA, KS

H & M Havelon Energy

CUSTOMER

HALLIBURTON

JOB SUMMARY

HALLIBURTON DIVISION: Mid Cont

HALLIBURTON LOCATION: Liberal Ks

BILLED ON TICKET NO. 919881

WELL DATA

FIELD ______ SEC. 35 TWP. 29 RNG. 40W COUNTY Stanton STATE Ks

FORMATION NAME ______ TYPE ______

FORMATION THICKNESS ______ FROM ______ TO ______

INITIAL PROD: OIL ______ BPD. WATER ______ BPD. GAS ______ MCFD

PRESENT PROD: OIL ______ BPD. WATER ______ BPD. GAS ______ MCFD

COMPLETION DATE ______ MUD TYPE ______ MUD WT. ______

PACKER TYPE ______ SET AT ______

BOTTOM HOLE TEMP. ______ PRESSURE ______

MISC. DATA ______ TOTAL DEPTH ______

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		10.5	[redacted]	KB	[redacted]	
LINER						
TUBING						
OPEN HOLE			7 7/8			SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 1-17	DATE 1-17	DATE 1-17	DATE 1-17
TIME 0300	TIME 0445	TIME 0735	TIME 1415

TOOLS AND ACCESSORIES

TYPE AND SIZE 4 1/2	QTY.	MAKE
~~FLOAT COLLAR~~ Latch Down Plug	1	Howco
~~FLOAT SHOE~~ Latch Down Baffle	1	
GUIDE SHOE Reg	1	
CENTRALIZERS S4 D	7	
~~BOTTOM PLUG~~ Fluid Master	8	
~~TOP PLUG~~ DV Tools	1	
HEAD	1	
PACKER Basket	1	
OTHER Howcoweld A	2 cs	

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
D Cone 59179	420041	Liberal Ks
D Mongrader 61499	52938 A	"
M Longworth 69510	50404 7131 / 7620	Hugoton Ks
S Perkins 69613	4461 / 75505	"

CONFIDENTIAL

MATERIALS

TREAT. FLUID ______ DENSITY ______ LB/GAL.°API

DISPL. FLUID ______ DENSITY ______ LB/GAL.°API

PROP. TYPE ______ SIZE ______ LB.

PROP. TYPE ______ SIZE ______ LB.

ACID TYPE ______ GAL. ______ %

ACID TYPE ______ GAL. ______ %

ACID TYPE ______ GAL. ______ %

SURFACTANT TYPE ______ GAL. ______ IN

NE AGENT TYPE ______ GAL. ______ IN

FLUID LOSS ADD. TYPE ______ GAL.-LB. ______ IN

GELLING AGENT TYPE ______ GAL.-LB. ______ IN

FRIC. RED. AGENT TYPE ______ GAL.-LB. ______ IN

BREAKER TYPE ______ GAL.-LB. ______ IN

BLOCKING AGENT TYPE ______ GAL.-LB. ______

PERFPAC BALLS TYPE ______ QTY. ______

OTHER ______

OTHER ______

RECEIVED KANSAS CORPORATION COMMISSION APR 09 1998 CONSERVATION DIVISION WICHITA, KS

DEPARTMENT [redacted]

DESCRIPTION OF JOB 4½ DV 2 Stage [redacted] 8

JOB DONE THRU: TUBING ☐ CASING ☒ ANNULUS ☐ TBG./ANN. ☐

CUSTOMER REPRESENTATIVE X Amoco Rep. 'Sam Carmack'

HALLIBURTON OPERATOR Dennis Cone

COPIES REQUESTED ______

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	[redacted]	Premium			1% CC 7% EA2 6/10% Halad 322 15% Salt 1/4# D-Air 1#	1.35	15.6
	[redacted]	Prem Plus	LTWT		1/4 # Flocele	2.03	12.3

SUMMARY

PRESSURES IN PSI

CIRCULATING ______ DISPLACEMENT ______

BREAKDOWN ______ MAXIMUM ______

AVERAGE ______ FRACTURE GRADIENT ______

SHUT-IN: INSTANT ______ 5-MIN ______ 15-MIN. ______

HYDRAULIC HORSEPOWER

ORDERED ______ AVAILABLE ______ USED ______

AVERAGE RATES IN BPM

TREATING ______ DISPL. ______ OVERALL ______

CEMENT LEFT IN PIPE

FEET 36.43 REASON Shoe Joint

VOLUMES

PRESLUSH: BBL.-GAL. ______ TYPE ______

LOAD & BKDN: BBL.-GAL. ______ PAD: BBL.-GAL. ______

TREATMENT: BBL.-GAL. ______ DISPL: BBL.-GAL. 1 Stage 91.6, 2 Stage 115.1

CEMENT SLURRY: BBL.-GAL. 84.15 1 Stg, 177.78 2 Stage

TOTAL VOLUME: BBL.-GAL. ______

RELEASED SEP 16 1998 FROM CONFIDENTIAL

REMARKS

CUSTOMER Amoco Production Co. LEASE Shore Gregory WELL NO. 1-35 JOB TYPE 4½ DV 2 Stage DATE 1-17-96

FORM 2025-R4

CUSTOMER

HALLIBURTON

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

TICKET CONTINUATION

CUSTOMER COPY

TICKET No.

CUSTOMER	WELL	DATE	PAGE	OF
Amoco Production	Shoun Gregory 1-35	01-16-96		

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
504-043	516.00272				Premium Cement	350	sk			11 03	3878 00
504-120					Premium Plus Lite Cement	250	sk			11 12	3892 00
504-050	516.00255										
506-105	516.00286										
506-121	516.00259										
507-210	890.50071				Flocele 1/4#/ 350 2nd stage	88	lb			1 65	145 00
507-775	516.00144				Halad-322 0.6%/ 350	197	lb			7 00	1379 00
507-970	70.15764				D-Air 1 1/2#/ 350	88	lb			3 25	286 00
508-127	516.00335				Fl-2 7#/ 350	23	sk			25 90	595 70
509-968	516.00315				Granulated Salt 15#/ 350	2516	lb			15	377 40
509-406	890.50812				Calcium Chloride 2%/ 350	4	sk			36 75	147 00
500-207					SERVICE CHARGE	CUBIC FEET	781			1 35	1054 35
500-306					MILEAGE CHARGE / TOTAL WEIGHT 70,689 / LOADED MILES 42	TON MILES	1484.469			95	1410 25

CONTINUATION TOTAL 13164 70

ORIGINAL

CONFIDENTIAL

RELEASED SEP 16 1998 FROM CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION APR 09 1996 CONSERVATION DIVISION WICHITA, KS

No. B 219617

HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: Amoco Production

ADDRESS

CITY, STATE, ZIP CODE

CUSTOMER COPY

TICKET No. 919881 - 6

PAGE 1 OF

RELEASED SEP 16 1998 FROM CONFIDENTIAL

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
1. 25540 Liberal Ks 2. 25535 Hugoton Ks 3. 4.	1-35	Shaw Gregory	Stanton	Ks		1- -96	Amoco Prod

TICKET TYPE: ☒ SERVICE ☐ SALES — NITROGEN JOB? ☐ YES ☒ NO

CONTRACTOR: | RIG NAME/NO.: Cheyenne Drlg 3 | SHIPPED VIA | DELIVERED TO: Loc | ORDER NO.

WELL TYPE: 01 | WELL CATEGORY: 03 | JOB PURPOSE: 4 1/2 2 Stage DV Prod Strg | WELL PERMIT NO. | WELL LOCATION: SE of Johnson Ks

REFERRAL LOCATION | INVOICE INSTRUCTIONS

ORIGINAL — CONFIDENTIAL

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
000-117		1			MILEAGE	148	Miles			2 85	421 80
000-119		1			Crew Mileage	148	Miles			1 50	222 00
007-013		1			Pmp charge	5766	FT				2000 00
007-161		1			Additional Stage	2840	FT				1400 00
12 A	825-201	1			Guide shoe	1		4 1/2		95 00	95 00
40	806-60004	1			Centralizers S4	7				50 00	350 00
50	806-60104	1			Centralizers Fluid Master	8	ea			60 00	480 00
71	813-80160	1			DV Cementer	1				2790 00	2790 00
75	813-16411	1			DV Plug Set	1	ea			760 00	760 00
320	806-71415	1			Basket	1				97 00	97 00
350	890-10802	1			Howcoweld A	1	LB			16 75	16 75

RECEIVED KANSAS CORPORATION COMMISSION APR 1998 — CONSERVATION DIVISION WICHITA, KS

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.

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

X Amoco Prod. Sam Carmack

DATE SIGNED 1-17-96 | TIME SIGNED ☐ A.M. ☐ P.M.

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

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			

ARE YOU SATISFIED WITH OUR SERVICE? ☐ YES ☐ NO

☐ CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	8632 55
FROM CONTINUATION PAGE(S)	13164 70
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	

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

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) | CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X | HALLIBURTON OPERATOR/ENGINEER Dennis Carr | EMP # 59179 | HALLIBURTON APPROVAL

TERMS AND CONDITIONS

For good and valuable consideration received, Customer (as identified on the face of this document) and Halliburton Energy Services, a division of Halliburton Company (hereinafter "Halliburton") agree as follows:

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton.

B. PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

C. RELEASE AND INDEMNITY - CUSTOMER AGREES TO RELEASE HALLIBURTON GROUP FROM ANY AND ALL LIABILITY FOR ANY AND ALL DAMAGES WHATSOEVER TO PROPERTY OF ANY KIND OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER AND THOSE PERSONS AND ENTITIES CUSTOMER HAS THE ABILITY TO BIND BY CONTRACT. CUSTOMER ALSO AGREES TO DEFEND, INDEMNIFY, AND HOLD HALLIBURTON GROUP HARMLESS FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, COSTS, EXPENSES, ATTORNEY FEES AND DAMAGES WHATSOEVER FOR PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE AND LOSS RESULTING FROM:

LOSS OF WELL CONTROL; SERVICES TO CONTROL A WILD WELL WHETHER UNDERGROUND OR ABOVE THE SURFACE; RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES OR WATER; SURFACE DAMAGE ARISING FROM UNDERGROUND DAMAGE; DAMAGE TO OR LOSS OF THE WELL BORE; SUBSURFACE TRESPASS OR ANY ACTION IN THE NATURE THEREOF; FIRE; EXPLOSION; SUBSURFACE PRESSURE; RADIOACTIVITY; AND POLLUTION AND ITS CLEANUP AND CONTROL.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN IF THE LIABILITY AND CLAIMS ARE CAUSED BY THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE, FAULT, OR STRICT LIABILITY OF ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, THE UNSEAWORTHINESS OF ANY VESSEL OR ANY DEFECT IN THE DATA, PRODUCTS, SUPPLIES, MATERIALS OR EQUIPMENT FURNISHED BY HALLIBURTON GROUP WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton. Customer shall be responsible for damage to or loss of Halliburton equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton equipment damaged by corrosion or abrasion due to well effluents.

E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this agreement and that same are free from defects in workmanship and materials for one year from date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. WAIVER - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

H. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this agreement, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 5151 San Felipe, Houston, Texas 77056.

(0593)

W073409

ORIGINAL

CONFIDENTIAL

Amoco Production Company

Shonn Gregory 1-35

Sec. 35 T29S R40W

Stanton County, Kansas

15-187-20809

Precision Core Analysis, Inc.

Amoco Production Company

Shonn Gregory 1-35

Sec. 35 T29S R40W

Stanton County, Kansas

Precision Core Analysis, Inc.

Amoco Production Company
Shonn Gregory 1-35
Sec. 35 T29S R40W
Stanton County, Kansas

Job: **9607**
Date: **13-Feb-96**

15-187-20809

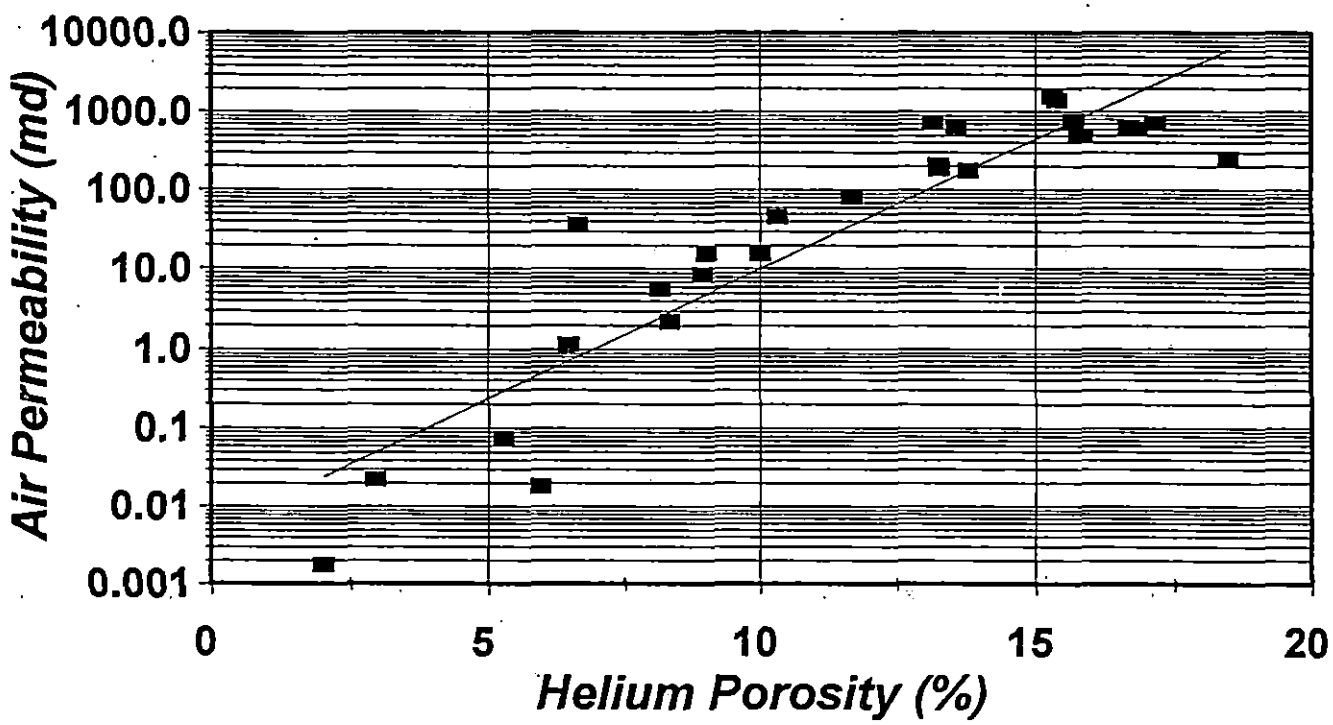
Reference Number	Depth (ft)	Permeability Air (md)	Permeability Klink (md)	Helium Porosity (%)	Grain Density (g/cc)	Sample Description
1	5590.2	0.022	0.009	3.0	2.69	Ls gry pp vug ool styl foss
2	5591.8	0.075	0.040	5.3	2.69	Ls gry pp vug ool foss
3	5592.5	727.	679.	13.2	2.69	Ls gry vug ool foss
4	5593.5	1410.	1330.	15.4	2.68	Ls gry vug ool foss
5	5594.7	1560.	1480.	15.3	2.68	Ls gry vug ool foss
6	5595.5	634.	590.	13.6	2.68	Ls gry vug ool foss
7	5596.5	45.8	38.6	10.3	2.67	Ls gry vug ool foss
8	5597.5	2.25	1.77	8.4	2.69	Ls gry vug ool foss
9	5598.2	1.16	0.903	6.5	2.68	Ls gry pp vug ool foss pyr
10	5599.6	0.002	<0.001	2.1	2.69	Ls gry f xln dns
11	5600.3	36.1	30.2	6.7	2.70	Ls gry pp vug ool foss
12	5604.5	0.018	0.007	6.0	2.70	Ls gry f xln pyr dns
13	5607.4	752.	703.	15.7	2.70	Ls gry pp vug ool
14	5609.5	597.	555.	16.9	2.70	Ls gry pp vug ool
15	5611.4	250.	226.	18.5	2.70	Ls gry pp vug ool microfrac
16	5613.5	707.	660.	17.2	2.70	Ls gry pp vug ool
17	5615.4	481.	444.	15.9	2.70	Ls gry pp vug ool microfrac
18	5617.3	625.	581.	16.7	2.70	Ls gry pp vug ool
19	5619.3	174.	155.	13.8	2.70	Ls gry pp vug ool
20	5621.5	484.	447.	15.8	2.70	Ls gry pp vug ool
21	5623.3	185.	166.	13.3	2.70	Ls gry pp vug ool
22	5624.7	82.2	71.1	11.7	2.70	Ls gry pp vug ool microfrac
23	5625.5	8.60	6.85	9.0	2.70	Ls gry pp vug ool
24	5626.5	5.76	4.47	8.2	2.70	Ls gry pp vug ool
25	5627.5	15.7	12.7	9.1	2.70	Ls gry pp vug ool
26	5628.8	204.	183.	13.3	2.70	Ls gry pp vug ool
27	5629.9	15.8	12.8	10.0	2.70	Ls gry pp vug ool

Precision Core Analysis, Inc.

Amoco Production Company
Shonn Gregory 1-35
Sec. 35 T29S R40W
Stanton County, Kansas

Job: 9607
Date: 13-Feb-96

Air Permeability vs Helium Porosity

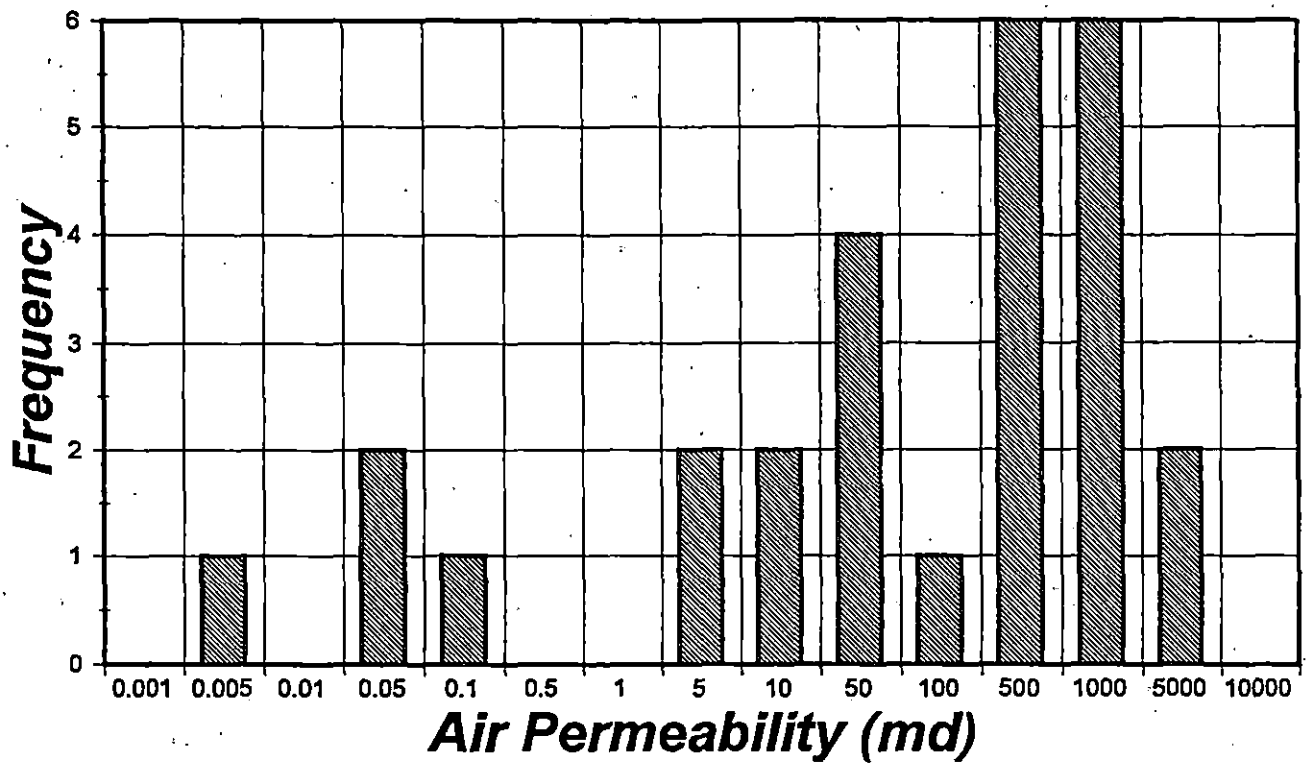


Precision Core Analysis, Inc.

Amoco Production Company
Shonn Gregory 1-35
Sec. 35 T29S R40W
Stanton County, Kansas

Job: 9607
Date: 13-Feb-96

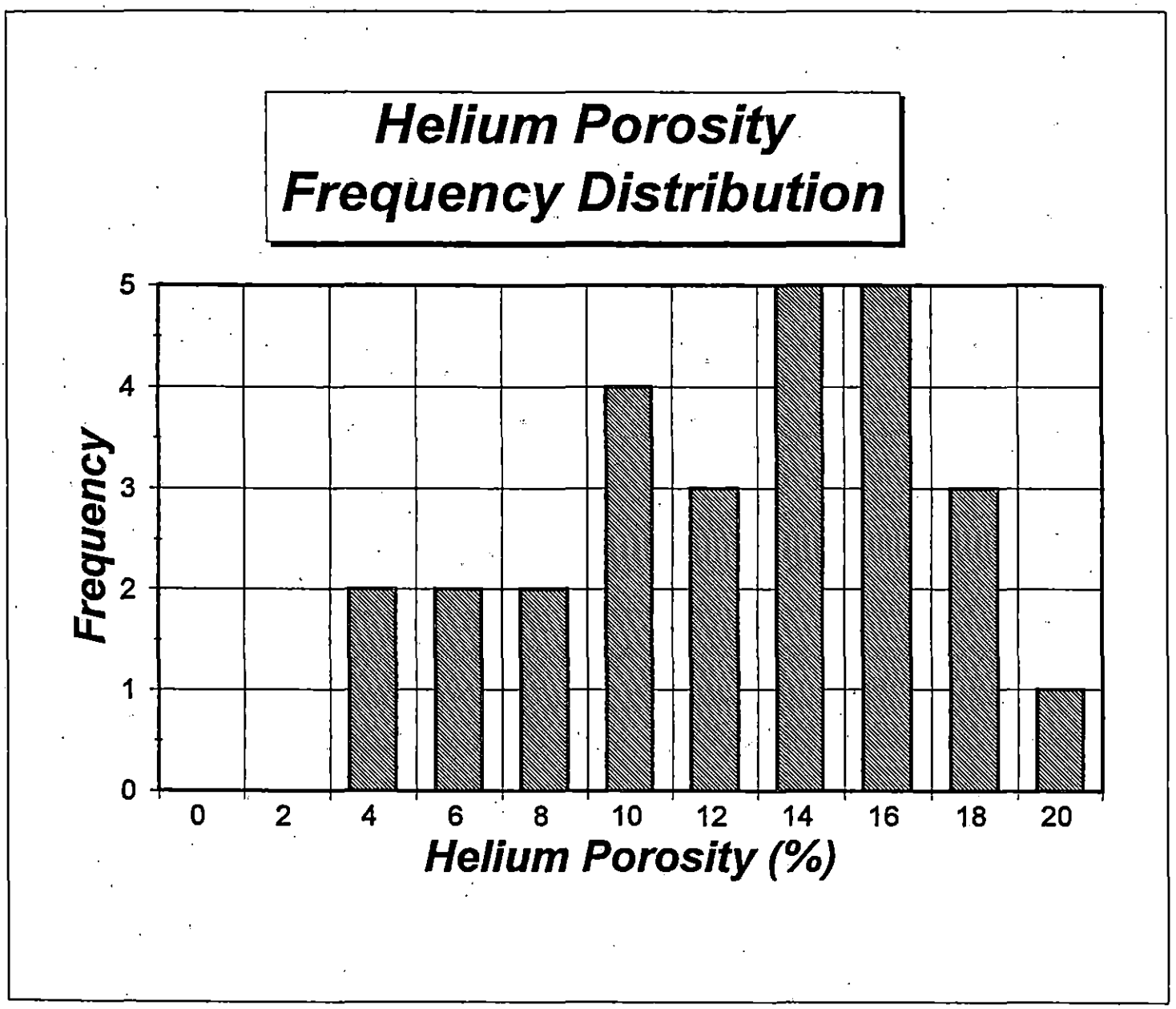
Air Permeability Frequency Distribution



Precision Core Analysis, Inc.

Amoco Production Company
Shonn Gregory 1-35
Sec. 35 T29S R40W
Stanton County, Kansas

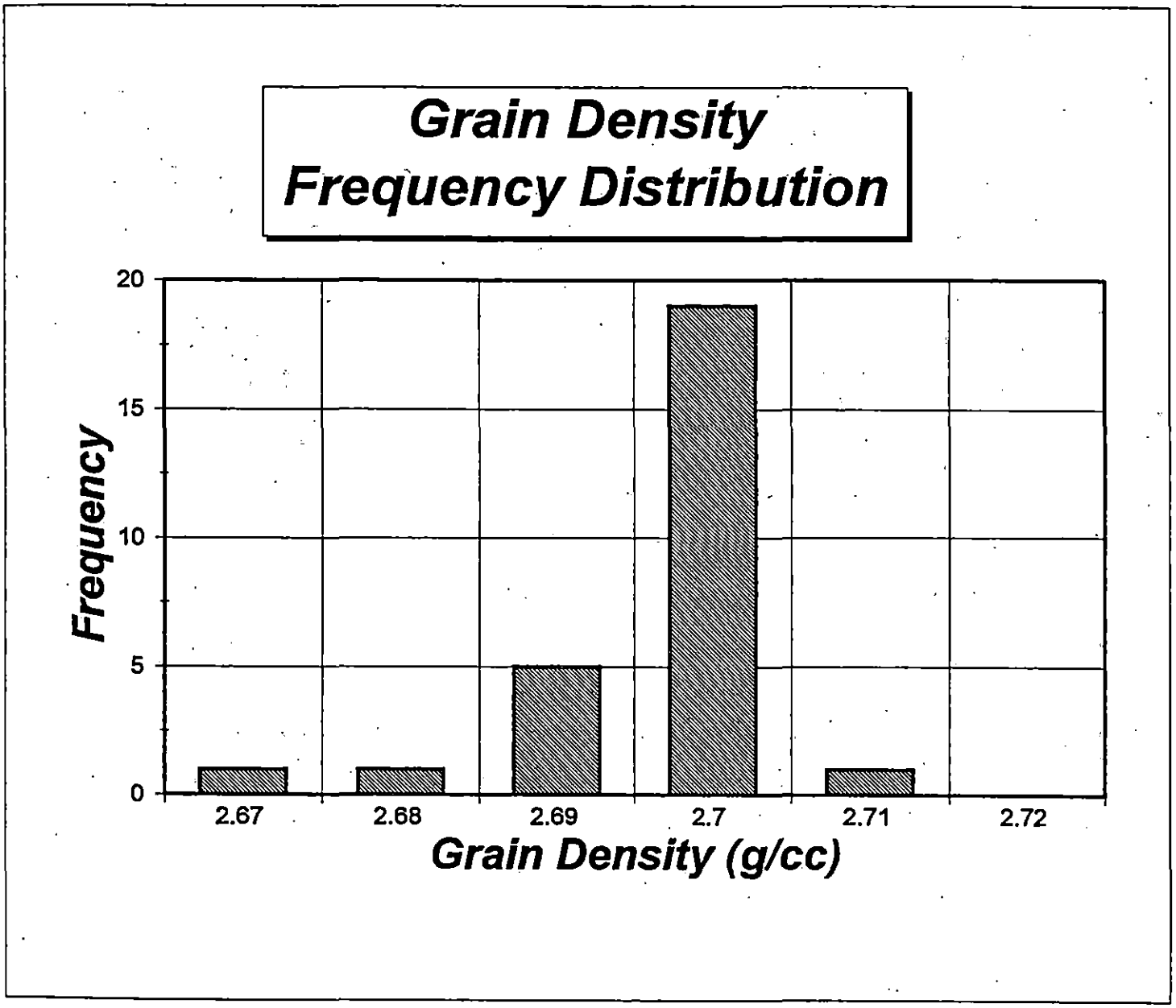
Job: 9607
Date: 13-Feb-96



Precision Core Analysis, Inc.

Amoco Production Company
Shonn Gregory 1-35
Sec. 35 T29S R40W
Stanton County, Kansas

Job: 9607
Date: 13-Feb-96



Precision Core Analysis, Inc.

Amoco Production Company
Shonn Gregory 1-35
Sec. 35 T29S R40W
Stanton County, Kansas

Job: 9607
Date: 13-Feb-96

Zone	Permeability (md)*			Porosity (%)**		
	Median	Arith. Mean	Geom. Mean	Median	Arith. Mean	Geom. Mean
Zone1	173.867	333.398	30.958	13.157	11.488	10.248

* Values above 0.00 md
** Values above 0.00 %

Precision Core Analysis, Inc.

Amoco Production Company
Shonn Gregory 1-35
Sec. 35 T29S R40W
Stanton County, Kansas

Job: 9607
Date: 13-Feb-96

Zone1 Air Permeability Regression

Regression Output:

Constant	-2.274341
Std Err of Y Est	0.684286
R Squared	0.836561
No. of Observations	27.000000
Degrees of Freedom	25.000000
X Coefficient(s)	0.327756
Std Err of Coef.	0.028974

Zone1 Klinkenberg Permeability Regression

Regression Output:

Constant	-2.684715
Std Err of Y Est	0.767706
R Squared	0.825550
No. of Observations	27.000000
Degrees of Freedom	25.000000
X Coefficient(s)	0.353569
Std Err of Coef.	0.032506

15-187-20809

ORIGINAL

Well Name:	SHONN GREGORY #1-35			
Company :	AMOCO PRODUCTION COMPANY			
Location - Sec:	35	**Twp:**	29S	**Rge:** 40W
County:	STANTON	**State:**	KS	
Date:	01/11/96			

CONFIDENTIAL

CONFIDENTIAL

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Amoco Production Company — DATE 1-11-96

WELL NAME: Shonn Gregory #1-35 — KB 3264.00 ft — TICKET NO: 8805 — DST #1

LOCATION : 35-29S-40W Stanton Cty KS — GR 3253.00 ft — FORMATION: Upper Morrow

INTERVAL : 5046.00 To 5127.00 ft — TD 5127.00 ft — TEST TYPE: CONVENTIONAL

15-187-20809

RECORDER DATA

Mins			Field	1	2	3	4
PF	10	Rec.	11057	11057	2351		
SI	60	Range(Psi)	4500.0	4500.0	4995.0	0.0	0.0
SF	120	Clock(hrs)	AK-1	AK-1	Alpin		
FS	120	Depth(ft)	5124.0	5124.0	5047.0	0.0	0.0

TIME DATA

PF Fr. 0648 to 0658 hr
IS Fr. 0658 to 0758 hr
SF Fr. 0758 to 0958 hr
FS Fr. 0958 to 1158 hr

	Field	1	2	3	4
A. Init Hydro	2626.0	2609.0	2615.0	0.0	0.0
B. First Flow	201.0	195.0	251.0	0.0	0.0
B1. Final Flow	179.0	166.0	106.0	0.0	0.0
C. In Shut-in	1511.0	1504.0	1481.0	0.0	0.0
D. Init Flow	134.0	119.0	87.0	0.0	0.0
E. Final Flow	123.0	112.0	73.0	0.0	0.0
F. Fl Shut-in	1477.0	1466.0	1442.0	0.0	0.0
G. Final Hydro	2604.0	2527.0	2462.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 0350 hr
T ON BOTM 0645 hr
T OPEN 0648 hr
T PULLED 1158 hr
T OUT 1430 hr

RECOVERY

Tot Fluid 60.00 ft of 60.00 ft in DC and 0.00 ft in DP
60.00 ft of Drilling mud

TOOL DATA

Tool Wt.	4000.00 lbs
Wt Set On Packer	26000.00 lbs
Wt Pulled Loose	110000.00 lbs
Initial Str Wt	84000.00 lbs
Unseated Str Wt	87000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	725.00 ft
D.P. Length	4305.00 ft

RW 3.6 @ 68 F

SALINITY 1850.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	60.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop Y	10.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	128.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	N
Tool Chased	N
Tester	Shane McBride
Co. Rep.	Chuck Schmaltz
Contr.	Cheyenne
Rig #	3
Unit #	
Pump T.	

BLOW DESCRIPTION

Initial Flow -
Bottom of bucket in 1.5 min; Gas to surface in 10 min, burned bright orange

Initial Shutin -
Bled off blow 16 min, no return

Final Flow -
Bottom of bucket at open, gauging gas

Final Shutin -
Bled off blow, no return

SAMPLES: gas sample taken
SENT TO:Caraway , Liberal

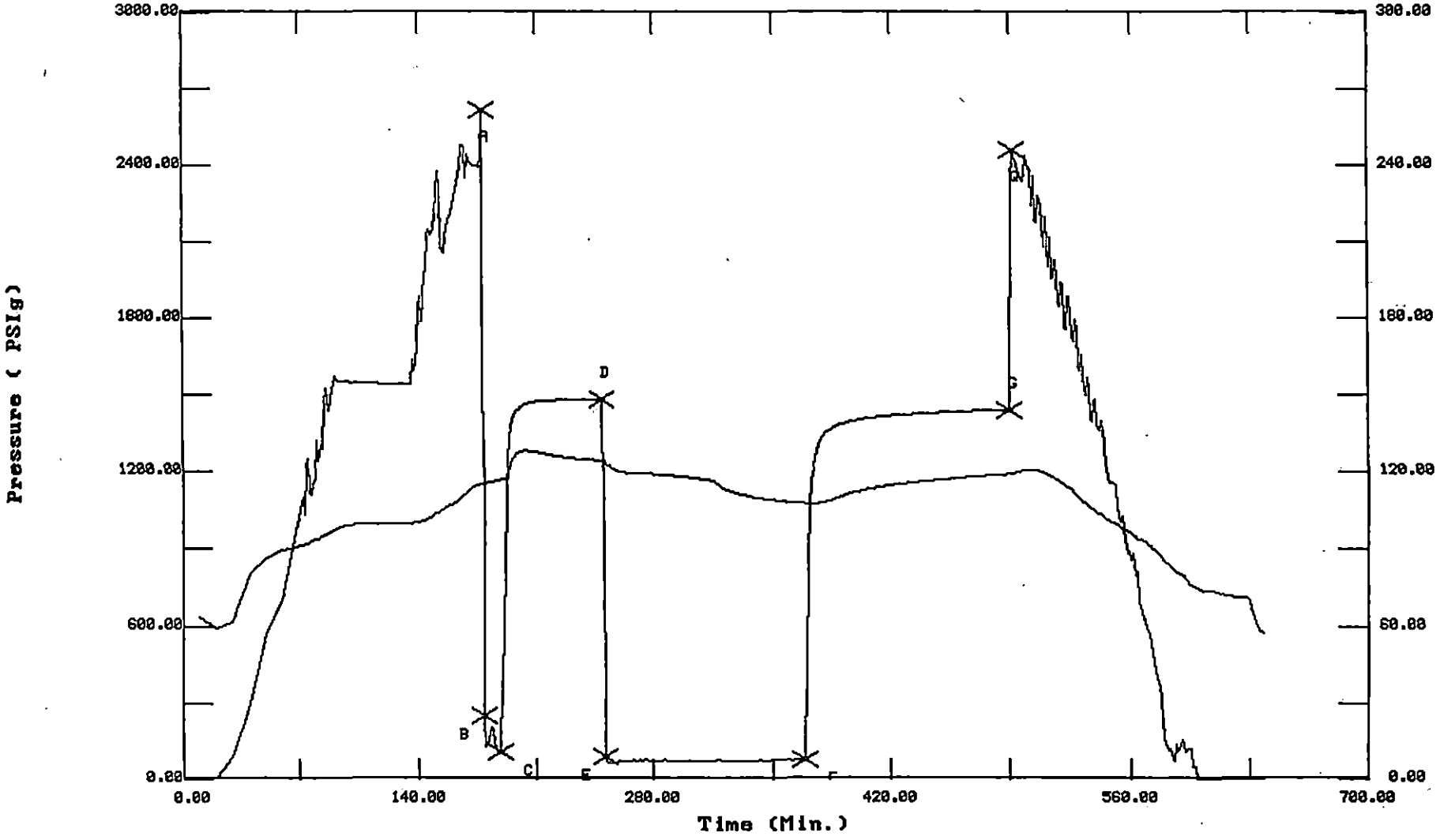
Test Successful: Y

TEST HISTORY

8805 DST #1 Shonn Gregory # 1-35 Amoco Prod. Co.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2614.93
B:	0.00	250.94
C:	10.00	105.57
D:	61.00	1481.34
E:	0.00	86.94
F:	117.00	73.34
G:	121.00	1441.54
Q:	0.00	2462.35



ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8805 DST #1 Shonn Gregory # 1-35 Amoco Prod. Co.

DATE: 01/11/96 TIME: 03:51:57

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
****** Initial Hydro.	178.00	2614.9	0.0	115.22		
****** Start Flow 1	0.00	250.9	0.0	115.24		
	1.00	131.7	-119.3	115.33		
	2.00	135.7	-115.2	115.45		
	3.00	162.8	-88.1	115.64		
	4.00	199.7	-51.2	115.82		
	5.00	195.0	-55.9	116.00		
	6.00	144.5	-106.4	116.16		
	7.00	124.5	-126.4	116.32		
	8.00	106.9	-144.0	116.42		
	9.00	104.1	-146.8	116.53		
****** End Flow 1	10.00	105.6	-145.4	116.63		
****** Start Shutin 1	0.00	105.6	0.0	116.63	0.0000	0.011
	1.00	375.5	269.9	116.72	11.0000	0.141
	2.00	823.9	718.3	117.11	6.0000	0.679
	3.00	1097.3	991.7	118.20	4.3333	1.204
	4.00	1249.5	1143.9	119.91	3.5000	1.561
	5.00	1332.3	1226.7	121.96	3.0000	1.775
	6.00	1378.3	1272.7	123.00	2.6667	1.900
	7.00	1404.5	1299.0	124.46	2.4286	1.973
	8.00	1422.3	1316.7	125.57	2.2500	2.023
	9.00	1434.1	1328.5	126.41	2.1111	2.057
	10.00	1442.5	1336.9	127.04	2.0000	2.081
	11.00	1448.7	1343.1	127.49	1.9091	2.099
	12.00	1453.6	1348.0	127.79	1.8333	2.113
	13.00	1457.6	1352.1	127.94	1.7692	2.125
	14.00	1460.8	1355.3	128.05	1.7143	2.134
	15.00	1463.4	1357.9	128.08	1.6667	2.142
	16.00	1465.6	1360.1	128.06	1.6250	2.148
	17.00	1467.4	1361.8	127.99	1.5882	2.153
	18.00	1468.9	1363.3	127.87	1.5556	2.158
	19.00	1470.3	1364.8	127.79	1.5263	2.162
	20.00	1471.7	1366.1	127.79	1.5000	2.166
	21.00	1472.6	1367.0	127.65	1.4762	2.169
	22.00	1473.5	1367.9	127.50	1.4545	2.171
	23.00	1474.0	1368.4	127.36	1.4348	2.173
	24.00	1474.6	1369.0	127.21	1.4167	2.174
	25.00	1475.4	1369.8	127.07	1.4000	2.177
	26.00	1475.9	1370.4	126.93	1.3846	2.178
	27.00	1476.5	1371.0	126.79	1.3704	2.180
	28.00	1477.0	1371.5	126.66	1.3571	2.182
	29.00	1477.5	1371.9	126.52	1.3448	2.183
	30.00	1477.8	1372.2	126.39	1.3333	2.184
	31.00	1478.0	1372.5	126.28	1.3226	2.185
	32.00	1478.2	1372.6	126.17	1.3125	2.185
	33.00	1478.5	1372.9	126.06	1.3030	2.186
	34.00	1478.7	1373.1	125.94	1.2941	2.187
	35.00	1478.9	1373.3	125.83	1.2857	2.187
	36.00	1479.1	1373.5	125.72	1.2778	2.188
	37.00	1479.2	1373.6	125.64	1.2703	2.188
	38.00	1479.4	1373.8	125.54	1.2632	2.189

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8805 DST #1 Shonn Gregory # 1-35 Amoco Prod. Co.

DATE: 01/11/96 TIME: 03:51:57

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
28.00	72.2	-14.8	119.00		
29.00	72.7	-14.3	118.98		
30.00	71.1	-15.9	118.94		
31.00	70.9	-16.0	118.90		
32.00	71.2	-15.7	118.87		
33.00	72.3	-14.6	118.81		
34.00	71.1	-15.9	118.77		
35.00	73.2	-13.8	118.72		
36.00	71.2	-15.7	118.69		
37.00	70.7	-16.2	118.66		
38.00	70.8	-16.1	118.58		
39.00	71.0	-15.9	118.51		
40.00	71.2	-15.8	118.45		
41.00	71.1	-15.9	118.39		
42.00	70.9	-16.0	118.33		
43.00	71.1	-15.9	118.27		
44.00	71.1	-15.9	118.21		
45.00	71.1	-15.9	118.10		
46.00	71.0	-16.0	118.05		
47.00	71.1	-15.8	118.02		
48.00	71.1	-15.8	117.93		
49.00	71.1	-15.8	117.85		
50.00	71.1	-15.8	117.75		
51.00	71.3	-15.6	117.67		
52.00	71.4	-15.5	117.61		
53.00	71.4	-15.5	117.48		
54.00	71.5	-15.4	117.39		
55.00	71.6	-15.4	117.30		
56.00	71.7	-15.2	117.20		
57.00	71.6	-15.4	117.10		
58.00	71.7	-15.3	117.00		
59.00	71.8	-15.1	116.91		
60.00	72.0	-14.9	116.82		
61.00	71.7	-15.2	116.70		
62.00	72.0	-14.9	116.60		
63.00	72.1	-14.9	116.47		
64.00	71.9	-15.0	116.14		
65.00	72.5	-14.4	115.63		
66.00	72.8	-14.1	115.02		
67.00	72.8	-14.1	114.50		
68.00	72.7	-14.3	114.02		
69.00	72.4	-14.5	113.60		
70.00	72.6	-14.4	113.28		
71.00	72.0	-14.9	112.99		
72.00	72.0	-14.9	112.69		
73.00	72.2	-14.7	112.63		
74.00	72.2	-14.7	112.37		
75.00	72.2	-14.7	112.08		
76.00	72.5	-14.4	111.81		
77.00	72.3	-14.7	111.56		
78.00	72.4	-14.5	111.35		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8805 DST #1 Shonn Gregory # 1-35 Amoco Prod. Co.

DATE: 01/11/96 TIME: 03:51:57

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
12.00	1346.4	1273.1	108.06	11.5833	1.813
13.00	1353.4	1280.1	108.29	10.7692	1.832
14.00	1358.4	1285.1	108.52	10.0714	1.845
15.00	1363.6	1290.2	108.76	9.4667	1.859
16.00	1367.9	1294.6	109.01	8.9375	1.871
17.00	1371.7	1298.4	109.24	8.4706	1.882
18.00	1375.2	1301.9	109.51	8.0556	1.891
19.00	1378.3	1305.0	109.72	7.6842	1.900
20.00	1381.3	1307.9	109.95	7.3500	1.908
21.00	1383.8	1310.4	110.21	7.0476	1.915
22.00	1386.2	1312.9	110.44	6.7727	1.922
23.00	1388.4	1315.1	110.66	6.5217	1.928
24.00	1390.4	1317.1	110.88	6.2917	1.933
25.00	1392.4	1319.0	111.09	6.0800	1.939
26.00	1394.0	1320.7	111.29	5.8846	1.943
27.00	1395.6	1322.3	111.48	5.7037	1.948
28.00	1397.1	1323.8	111.67	5.5357	1.952
29.00	1398.6	1325.3	111.88	5.3793	1.956
30.00	1400.0	1326.6	112.01	5.2333	1.960
31.00	1401.3	1327.9	112.22	5.0968	1.964
32.00	1402.4	1329.1	112.38	4.9688	1.967
33.00	1403.6	1330.3	112.62	4.8485	1.970
34.00	1404.7	1331.3	112.63	4.7353	1.973
35.00	1405.7	1332.4	112.74	4.6286	1.976
36.00	1406.6	1333.3	112.92	4.5278	1.979
37.00	1408.0	1334.7	113.06	4.4324	1.983
38.00	1409.0	1335.6	113.20	4.3421	1.985
39.00	1409.8	1336.5	113.33	4.2564	1.988
40.00	1410.7	1337.3	113.45	4.1750	1.990
41.00	1411.3	1338.0	113.59	4.0976	1.992
42.00	1412.0	1338.6	113.69	4.0238	1.994
43.00	1412.7	1339.4	113.84	3.9535	1.996
44.00	1413.3	1339.9	113.96	3.8864	1.997
45.00	1413.9	1340.6	114.00	3.8222	1.999
46.00	1414.8	1341.5	114.11	3.7609	2.002
47.00	1415.6	1342.3	114.24	3.7021	2.004
48.00	1416.3	1342.9	114.34	3.6458	2.006
49.00	1416.9	1343.6	114.43	3.5918	2.008
50.00	1417.6	1344.3	114.53	3.5400	2.010
51.00	1418.2	1344.9	114.64	3.4902	2.011
52.00	1418.9	1345.5	114.72	3.4423	2.013
53.00	1419.5	1346.1	114.83	3.3962	2.015
54.00	1420.1	1346.7	114.95	3.3519	2.017
55.00	1420.6	1347.3	115.00	3.3091	2.018
56.00	1421.0	1347.6	115.01	3.2679	2.019
57.00	1421.4	1348.0	115.11	3.2281	2.020
58.00	1422.0	1348.6	115.22	3.1897	2.022
59.00	1422.6	1349.2	115.31	3.1525	2.024
60.00	1423.1	1349.7	115.39	3.1167	2.025
61.00	1423.6	1350.2	115.49	3.0820	2.027
62.00	1424.0	1350.7	115.56	3.0484	2.028

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8805 DST #1 Shonn Gregory # 1-35 Amoco Prod. Co.

DATE: 01/11/96 TIME: 03:51:57

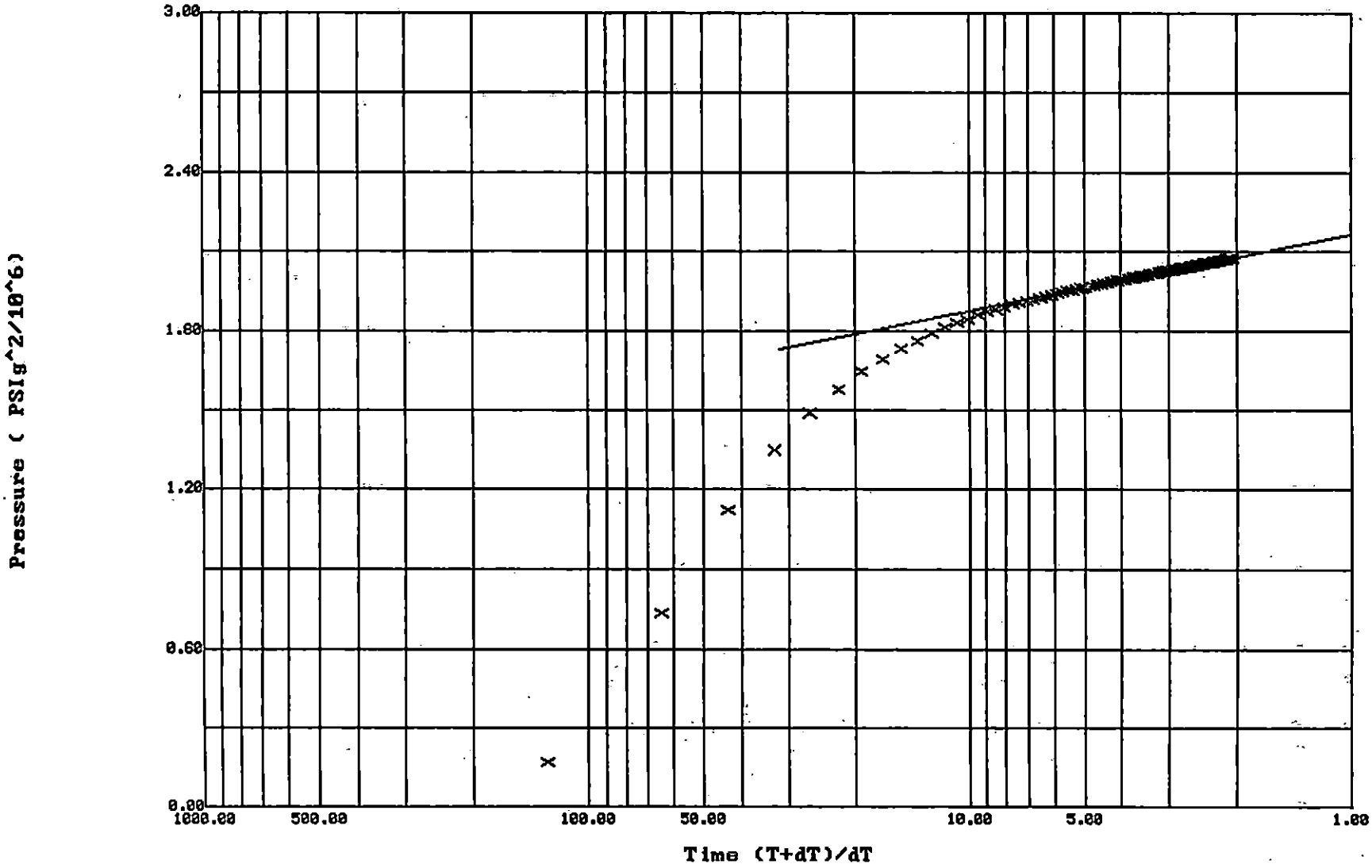
	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	114.00	1440.2	1366.8	118.79	2.1140	2.074
	115.00	1440.4	1367.0	118.85	2.1043	2.075
	116.00	1440.5	1367.2	118.90	2.0948	2.075
	117.00	1440.8	1367.4	118.94	2.0855	2.076
	118.00	1440.9	1367.6	118.99	2.0763	2.076
	119.00	1441.1	1367.8	119.02	2.0672	2.077
	120.00	1441.4	1368.0	119.08	2.0583	2.078
****** End Shut-in 2	121.00	1441.5	1368.2	119.13	2.0496	2.078
****** Final Hydro.	492.00	2462.3	0.0	119.37		

P^2 Horner Plot: shut-in #2

8805 DST #1 Shonn Gregory # 1-35 Amoco Prod. Co.

Slope: 0.2925 PSIg^2/10^6/cycle

Ext. Pressure: 1472.8068 PSIg



TRILOBITE TESTING L.L.C.

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No. 8805

Well Name & No. Shawnee Gregory #1-35 Test No. 1 Date 1-11-96

Company Amoco Prod. Comp. Zone Tested Upper Morrow

Address P.O. Box 800 Denver, Colo. 80201 Elevation 3264' KB 3253' GL

Co. Rep / Geo. Chuck Schmaltz, Sam Amaco Cont. Cheyenne Est. Ft. of Pay ___ Por. ___ %

Location: Sec. 35 Twp. 29 Rge. 40 Co. Stanton State Ks

No. of Copies ___ Distribution Sheet (Y, N) ___ Turnkey (Y, N) N Evaluation (Y, N) ___

Interval Tested 5046' - 5127' Initial Str Wt./Lbs. 84,000 Unseated Str Wt./Lbs. 87,000

Anchor Length 81' Wt. Set Lbs. 26,000 Wt. Pulled Loose/Lbs. 110,000

Top Packer Depth 5041' Hole Size — 7 7/8" Rubber Size — 6 3/4"

Bottom Packer Depth 5046' Wt. Pipe I.D. — 2.7 Ft. Run —

Total Depth 5127' Drill Collar — 2.25 Ft. Run 725'

Mud Wt. 9.0 LCM #3 Vis. 60 WL 8.0 Drill Pipe Size 4305' F.H. Ft. Run 4305'

Blow Description B.O.B. in 1½ min G.T.S. in 10 min

F.S.I: Bleed off Blow 16 min — no return

F.F.: Gauging Gas @ open

F.S.I: Bleed off Blow — no return

Recovery — Total Feet 60' Ft. in DC 60' Ft. in WP — Ft. in DP —

Rec. 60'	Feet Of Drlg mud	%gas	%oil	%water	100	%mud
Rec.	Feet Of	%gas	%oil	%water		%mud
Rec.	Feet Of	%gas	%oil	%water		%mud
Rec.	Feet Of	%gas	%oil	%water		%mud
Rec. Gas to surface 10 min.	Feet Of	%gas	%oil	%water		%mud

BHT 128 °F Gravity ___ °API D@ ___ °F Corrected Gravity ___ °API

RW 3.6 @ 68 °F Chlorides 1,850 ppm Recovery Chlorides 1,800 ppm System

	AK-1	Elec.			
(A) Initial Hydrostatic Mud	2626	2614	PSI	Recorder No. 2351	T-Started 3:50 AM
(B) First Initial Flow Pressure	201	250	PSI	@ (depth) 5047'	T-Open 6:48 AM
(C) First Final Flow Pressure	179	105	PSI	Recorder No. 11057	T-Pulled 11:58 AM
(D) Initial Shut-in Pressure	1611	1481	PSI	@ (depth) 5124'	T-Out 14:30 pm
(E) Second Initial Flow Pressure	134	86	PSI	Recorder No. ___	
(F) Second Final Flow Pressure	123	73	PSI	@ (depth) ___	
(G) Final Shut-in Pressure	1477	1441	PSI	Initial Opening 10	Test X 700
(H) Final Hydrostatic Mud	2604	2462	PSI	Initial Shut-in 60	Jars X 200
				Final Flow 120	Safety Joint X 300
				Final Shut-in 120	Straddle ___
				Gas to Surface 10 min.	Circ. Sub X N/C
				___	Sampler ___
					Extra Packer ___
					Elect. Rec X 150
					Other ___
					TOTAL PRICE $ 1,100

Approved By ___

Our Representative Steve McBride