

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

Operator: License # 5952

Name: Amoco Production Company

Address PO Box 800 Room 924

City/State/Zip Denver, CO 80201

Purchaser: Williams Natural Gas

Operator Contact Person: Susan R. Potts

Phone (303) 830-5323

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: N/A

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W 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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

3/12/96 3/14/96 4/3/96
Spud Date Date Reached TD Completion Date

API NO. 15- 055-21484-0000

County Finney

SE NW NW Sec. 24 Twp. 26S Rge. 33 X W

4030 Feet from S/N (circle one) Line of Section

4030 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 Alvin Beyer Gas Unit Well # 3HI

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2913' KB 2919'

Total Depth 2801' PBTB 2800'

Amount of Surface Pipe Set and Cemented at 605 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2801

feet depth to Surface w/ 520 sx cmt.

Drilling Fluid Management Plan ALT 1 12-9-96
(Data must be collected from the Reserve Pit)

Chloride content 16,000 ppm Fluid volume 500 bbls

Dewatering method used Dried and Filled

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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 6/13/96

Subscribed and sworn to before me this 13th day of June, 1996.

Notary Public Shirley L Holmes

Date Commission Expires 3/23/98

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

Form ACO-1 (7-91)

JUN 14 1996
6/14/96
CONSERVATION DIVISION
WICHITA, KS

SIDE TWO

Operator Name Amoco Production Company Lease Name Alvin Beyer Gas Unit Well # 3H1

Sec. 24 Twp. 26S Rge. 33 East West
 County Finney

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.)

Log Sample
Formation (Top), Depth and Datum
 Name Top Datum
 Ogallala Base 839' KB
 Chase Top 2585'
 Council Grove 2900'

List All E.Logs Run: Compensated Spectral Natural Gamma Collar

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	11.00"	8.625"	20	605'	Premium Plus Lite	125	2%CC+1/4#Flocele
Production	7.875"	5.5"	14	2801'	Premium Plus Lite	520	2%CC+1/4#Flocele 1/4# Flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2614-2634'; 2642-2652'; 2684-2694'; 2740-2750'	FRAC w/ 110,150 lbs of 12/20 sand and 305 bbls. of N2 Foam.	2614-2750'

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.375" 4.7# J-55 EUE T&C			2750'	2750'		
Date of First, Resumed Production, SWD or Inj. First Gas 4/26/96			Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas 625 MCFD	Mcf	Water 0	Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: **METHOD OF COMPLETION** Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled 2614-2750'
 Other (Specify) _____

ORIGINAL

15-055-21484

DRILLERS LOG

AMOCO PRODUCTION COMPANY
ALVIN BEYER GU 3 HI
SECTION 24-T26S-R33W
FINNEY COUNTY, KANSAS

COMMENCED: 03-12-96
COMPLETED: 03-14-96

SURFACE CASING: 605' OF 8 5/8" CMTD
W/125 SKS PREMIUM PLUS LITE + 2% CC
+ 1/4 #/SK FLOCELE. TAILED IN W/100 SKS
PREMIUM PLUS + 2% CC + 1/4 #/SK FLOCELE

FORMATION	DEPTH
SURFACE HOLE	0 - 605
RED BED	605 - 1004
RED BED & SANDSTONE	1004 - 1205
GLORIETTA	1205 - 1580
RED BED	1580 - 1754
RED BED & SHALE	1754 - 2801 RTD

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

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 15TH DAY OF MARCH, 1996

JOLENE K. RUSSELL


NOTARY PUBLIC

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 14 1996

6-14-96

CONSERVATION DIVISION
WICHITA, KS

JOB LOG HAL-2013-C

 CUSTOMER: *Amoco Production* WELL NO.: *3 HE* LEASE: *Amoco B...* GU: *8 1/2* JOB TYPE: *Surface* TICKET NO.: *921721*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0745							Time Collected
	0800							Time Ready
	1015							Time on loc.
	1130							Start Pump Casing
	1210							Casing in hole
	1220							Hook Up To Pump Truck Head & Mand Fold
	1225							400 Start Water Ahead Pump Ball Then
	1228	14	55 <i>Water</i>					200 Start Mixing Cement
	1240		44.75					200 Start Tail Cement
	1248		23.50					200 Finish Mixing Cement
	1249		68.25					10 Shut Down Deep Plug
	1250	14						75 Start Displacement
		3.6 <i>kg</i>	38.75					wash Pumps & lines
	1300							200/1500 Plug Down
								Flare Held Create Cement To The PT 3 BBL / 8 SE

Thank For Calling
 Halliburton
 Energy
 Denis
 Corp. &
 Corp.

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 KANSAS CORPORATION COMMISSION

JUN 14 1996

 CONSERVATION DIVISION
 WICHITA, KS

CUSTOMER

WELL DATA

FIELD: _____ SEC. 24 TWP. 26 RING. 33 COUNTY Finney 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		20#	8 3/4	1.3	605	
LINER						
TUBING						
OPEN HOLE			11	6.0	605	SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 3-12 TIME 0745	DATE 3-12 TIME 1015	DATE 3-12 TIME 1210	DATE 3-12 TIME 1300

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT VALVE <u>Invert Float</u>	1	<u>Houder</u>
FLOAT GUAGE <u>Fill Up</u>	1	
GUIDE SHOE		
CENTRALIZERS	3	
BOTTOM PLUG		
TOP PLUG	1	
HEAD	1	
PACKER		
OTHER <u>Houder A</u>	1 LBS	

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Olson</u>	1420041	Liberal Ks
<u>Reeves</u>	57276 / 75051	" "
<u>C. A. ...</u>	5984 / 7531	Hugoton Ks

TREAT FLUID _____ DENSITY _____ LB/GAL. °API _____
 DISPL. FLUID _____ DENSITY _____ LB/GAL. °API _____
 PROP. TYPE _____ SIZE _____ LB. _____
 ACID TYPE _____ GAL. _____ % _____
 SURFACTANT TYPE _____ GAL. _____
 NE AGENT TYPE _____ GAL. _____
 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. _____ IN _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____

DEPARTMENT CEMENT
 DESCRIPTION OF JOB 8 3/4 Surface
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE [Signature]
 HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	125	<u>Premix Plus</u>	<u>WTWT</u>		<u>2% CC 1/4# Floccle</u>	2.01	17.1
	100	<u>Premix Plus</u>			<u>2% CC 1/4# Floccle</u>	1.34	14.8

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 35.25
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 68.25
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____ CEMENT LEFT IN PIPE _____
 FEET 140 19 REASON Shoe bit

REMARKS

CUSTOMER: Amoco Production
 LEASE: Amoco Production
 WELL NO.: 3HE
 JOB TYPE: 8 3/4 Surface
 DATE: 3-12-96



TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 921221

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER Anco Production Company	WELL Alvin Eyer #3H	DATE 03-12-96	PAGE 2	OF 14
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
503-050	516.00265				Premium plus Cement	100	sk			12 62	1262	00
504-120					Premium Plus Lite Cement	125	sk			11 12	1390	00
504-050	516.00265					31	sk					
505-105	516.00266					3256	lb					
506-121	516.00259					7	sk					
507-210	890.50071				Flocalc 184/ 225	55	lb			1 65	75	60
509-406	890.50012				Calcium Chloride 234/ 225	4	sk			36 75	147	00
500-207					SERVICE CHARGE							
500-306					MILEAGE CHARGE							
					TOTAL WEIGHT	21304						
					LOADED MILES	55						
					TON MILES	585.86						
					CUBIC FEET	237				1 35	319	95
										95	556.57	

ORIGINAL

RECEIVED
 KANSAS DEPARTMENT OF REVENUE
 JUN 14 1996
 CONSERVA-TION DIVISION
 HIGHWAY 10

No. B 219932

CONTINUATION TOTAL	3751.12
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HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: Amoco Production
 ADDRESS:
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No.

921221 - 4

PAGE 1 OF

SERVICE LOCATIONS
 1. 25540 Liberal Ks
 2. 25535 Houston Ks
 3.
 4.

WELL/PROJECT NO. 3 NE
 LEASE Alvin Beyer EO
 COUNTY/PARISH Finney
 STATE Ks
 CITY/OFFSHORE LOCATION
 DATE 3-17-96
 OWNER Amoco Prod.

TICKET TYPE SERVICE SALES
 NITROGEN JOB? YES NO
 CONTRACTOR Cheranne Dly
 RIG NAME/NO. 8#
 SHIPPED VIA Loc
 ORDER NO.

WELL TYPE
 WELL CATEGORY
 JOB PURPOSE 010 8 3/8 SURFACE
 WELL PERMIT NO.
 WELL LOCATION 5 OF Garden City

REFERRAL LOCATION
 INVOICE INSTRUCTIONS 0203

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
<u>00-117</u>		<u>1</u>			<u>MILEAGE</u>	<u>110</u>		<u>Miles</u>		<u>2.85</u>	<u>313</u>	<u>50</u>
<u>00-119</u>		<u>1</u>			<u>Creo Mileage</u>	<u>110</u>		<u>Miles</u>		<u>1.50</u>	<u>165</u>	<u>16</u>
<u>001-016</u>		<u>1</u>			<u>Pump charge</u>	<u>605</u>		<u>FT</u>			<u>890</u>	<u>16</u>
<u>030-018</u>		<u>1</u>			<u>Sub Top Plug</u>	<u>1</u>		<u>Ecl</u>	<u>8 3/4</u>	<u>130.00</u>	<u>130</u>	<u>00</u>
<u>24 A</u>	<u>815-19502</u>	<u>1</u>			<u>Insect Float</u>	<u>1</u>		<u>Ecl</u>	<u>8 3/4</u>	<u>171.00</u>	<u>171</u>	<u>00</u>
<u>27</u>	<u>815-19414</u>	<u>1</u>			<u>Fillup</u>	<u>1</u>		<u>/</u>		<u>64.00</u>	<u>64</u>	<u>00</u>
<u>41</u>	<u>806-61046</u>	<u>1</u>			<u>Centralizers</u>	<u>3</u>		<u>/</u>		<u>61.00</u>	<u>183</u>	<u>00</u>
<u>350</u>	<u>890-10802</u>	<u>1</u>			<u>Hoses weld A</u>	<u>1</u>		<u>W3</u>		<u>16.75</u>	<u>16</u>	<u>75</u>

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 Sam [Signature] TIME SIGNED Amoco Rep

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 19.33 25
 FROM CONTINUATION PAGE(S) 37.51 12
 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

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) X CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) HALLIBURTON OPERATOR/ENGINEER 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.

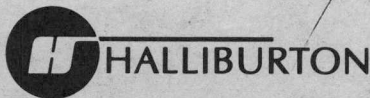
D. **EQUIPMENT LIABILITY** - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered 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, 5451 San Felipe, Houston, Texas 77056.



JOB LOG HAL-2013-C

CUSTOMER Amoro	WELL NO. 3HE	LEASE Along Brook	JOB TYPE 5 1/2 Louisiana	TICKET NO. 921459
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1700							Called out
	2008							On Location
	2106							Start log
	2230							On Bottom Circ
	0032	3	10				50	Pump H ₂ O
	0035	6	191				100	Pump cut @ 12:30
	0106							Drop plug & work P&L's
	0109	4 3/4	68				150	Displace
	0123						600	Bump plug
	0124						1300	Release P.L.
	0230							Job complete
								Circ 5 BBLs. CMT. TO PIT.

ORIGINAL

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 14 1996

CONSERVATION DIVISION
WICHITA, KS

#6001.02

WELL DATA

SEC 24 TWP 265 RNG 32W COUNTY Finney STATE KANSAS

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	14	14	5 1/2	0	2801	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 3-13	DATE 3-13	DATE 3-14	DATE 3-14
TIME 1700	TIME 700	TIME 0032	TIME 0230

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
Duggins	32872	Liberal
Marlone	52554 76600	11
Lincoln	50966 6610	
Carpening	4115 7620	

RECEIVED
 KANSAS CORPORATION COMMISSION

JUN 14 1996

CONSERVATION DIVISION
 DEPARTMENT OF REVENUE
 WICHITA, KS

DESCRIPTION OF JOB 5 1/2 Longstring

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

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR Clint Duggins

COPIES REQUESTED

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	320	HLC Drindys		4 1/2 Florite		2.06	12.3

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 None REASON shoe joint

SUMMARY

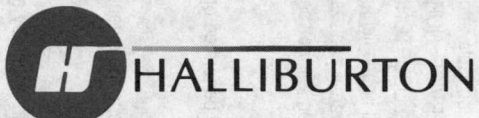
PRESLUSH: BBL.-GAL. 10 TYPE H₂O
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 68
 CEMENT SLURRY: BBL.-GAL. 197
 TOTAL VOLUME: BBL.-GAL. 169

VOLUMES

REMARKS

Circ. 5 BBLs. cont. to lit

CUSTOMER
 LEASE
 WELL NO.
 JOB TYPE
 DATE



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: *Amoro Production Company*
 ADDRESS:
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No.

921459 - 0

PAGE 1 OF 1

SERVICE LOCATIONS 1. <i>117</i>	WELL/PROJECT NO. <i>3412</i>	LEASE <i>ALV 2 B-100</i>	COUNTY/PARISH <i>1000</i>	STATE <i>KY</i>	CITY/OFFSHORE LOCATION <i>2-11-116</i>	DATE <i>3-13-96</i>	OWNER <i>Amoro</i>
2. <i>119</i>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR <i>Chowring</i>	RIG NAME/NO.	SHIPPED VIA <i>Local</i>	DELIVERED TO	ORDER NO.
3.	WELL TYPE	WELL CATEGORY <i>117</i>	JOB PURPOSE <i>075</i>	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>117</i>					MILEAGE <i>1100</i>	<i>17</i>	<i>172</i>	<i>120</i>	<i>mi</i>	<i>2.85</i>	<i>342.00</i>
<i>119</i>					<i>Cost Material</i>	<i>1</i>	<i>174</i>	<i>120</i>	<i>h</i>	<i>1.50</i>	<i>180.00</i>
<i>116</i>					<i>Prop. Charge</i>	<i>1</i>	<i>111</i>		<i>ft</i>		<i>14.25.00</i>
<i>090-118</i>					<i>Top Plug</i>	<i>1</i>	<i>174</i>				<i>650.00</i>
<i>34</i>	<i>837.01100</i>				<i>II 117-117</i>	<i>1</i>	<i>172</i>				<i>225.00</i>
<i>40</i>	<i>806.60022</i>				<i>Control Valve</i>	<i>5</i>	<i>172</i>			<i>60.00</i>	<i>300.00</i>
<i>350</i>	<i>840.10802</i>				<i>Well A</i>	<i>1</i>	<i>16</i>				<i>16.75</i>

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: *3/13/96* TIME SIGNED: A.M. P.M.

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

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH	SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <i>2583.75</i>
BEAN SIZE	SPACERS		OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
TYPE OF EQUALIZING SUB.	CASING PRESSURE	WE UNDERSTOOD AND MET YOUR NEEDS?				FROM CONTINUATION PAGE(S) <i>1832.00</i>
TUBING SIZE	TUBING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?				<i>10436.75</i>
WELL DEPTH		WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
TYPE VALVE		ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE
TREE CONNECTION		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

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) X	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>[Signature]</i>	HALLIBURTON OPERATOR/ENGINEER <i>[Signature]</i>	EMP # <i>10090</i>	HALLIBURTON APPROVAL <i>[Signature]</i>
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W/dire #6001.02
142.50%

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.