

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

API NO. 15- 175-21537-0001
County Seward **ORIGINAL**
- NE - SE - SW Sec. 4 Twp. 32S Rge. 33 X W

Operator: License # 5952

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

Name: Amoco Production Company

2310 Feet from E/W (circle one) Line of Section

Address PO Box 800 Room 924

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
(FORMERLY FRANZ #1-4)

City/State/Zip Denver, CO 80201

Lease Name Jarrett Gas Unit Well # 3HI

Purchaser: Williams Natural Gas

Field Name Hugoton

Operator Contact Person: Susan R. Potts

Producing Formation Chase

Phone (303) 830-5323

Elevation: Ground 2875' KB 2880'

Contractor: Name: Eldredge Well Service

Total Depth 5850' P8TD 4700'

License: 9567

Amount of Surface Pipe Set and Cemented at _____ Feet

Wellsite Geologist: N/A

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

If yes, show depth set _____ Feet

New Well Re-Entry Workover

If Alternate II completion, cement circulated from _____

Oil SWD SLOW Temp. Abd.

feet depth to _____ w/ _____ sx cmt.

Gas ENHR SIGW

Drilling Fluid Management Plan No Pit Needed **REWORK JK**

Dry Other (Core, WSW, Expl., Cathodic, etc)

(Data must be collected from the Reserve Pit) **7-16-97**

If Workover:

Chloride content _____ ppm Fluid volume _____ bbls

Operator: Dolomite Resources Corporation

Dewatering method used _____

Well Name: Franz #1-4

Location of fluid disposal if hauled offsite: _____

Comp. Date 5/23/96 Old Total Depth 5850'

XXX RENAMED WELL

Deepening **XXX** Re-perf. Conv. to Inj/SWD

Plug Back 4700' P8TD

Commingled Docket No. _____

Operator Name _____

Dual Completion Docket No. _____

Lease Name _____ License No. _____

Other (SWD or Inj?) Docket No. _____

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

3/12/97

4/2/97

Start Date of Workover _____ Date Reached TD _____ Completion Date of Workover _____

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 7/11/97

Subscribed and sworn to before me this 11th day of July, 1997.

Notary Public [Signature]

Date Commission Expires January 9, 2001

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

1070 BROADWAY
DENVER, CO 80201

JUL 14 1997

Form ACO-1 (7-91)

CONSERVATION DIVISION
WICHITA, KS

SIDE TWO

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

Sec. 4 Twp. 32S Rge. 33
 East
 West

County Seward

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:

(From old Log)
 Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Chase Top	2600'	

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> (Original Casing) 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	1726'	Class C	150	3% CC
Production	7.875"	4.5"	10.5	5799'	Lite SelfStress	525 200	1/4# Flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	1200-2975'	Premium Plus	100	3% Salt
<input type="checkbox"/> Plug Back TD		50/50 Premium Plus Pozmix	300	4#/sk Gilsonite and 4% Salt
<input type="checkbox"/> Plug Off Zone	122-2602'	Premium Plus	100	3% Salt
		50/50 Premium Plus POZmix	300	4#/sk Gilsonite and 4% Salt

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	5724-31'; 5685-89'; 5675-79'; 5562-64'; 5510-15' (Original Perfs) Set CIBP at 4700'	Acidize w/48 bbls. 15% HCl and flush w/66 bbls fresh water.	2632-2760'
2	2632-46'; 2660-80'; 2708-26'; 2753-60'	Frac w/ 153 bbls. N2 foam and 46,000 lbs. 12/20 sand.	2632-2680'

TUBING RECORD Size 2.375" 4.7# J-55 EUE T&C Set At 2792' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. First Gas May 1, 1997 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas 5 MCFD	Mcf	Water 40 BWPD	Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 2632-2760

Other (Specify) _____

Production Interval _____

DRILL STEM TEST RESULTS

D.S.T. 1
4943 - 4970'

ORIGINAL

Attached to ACO-1
Well History

TIMES
30-60-60-120"

INITIAL BLOW

WEAK INCREASING TO STRONG BLOW, BUILT TO BOTTOM IN
A 5 GALLON BUCKET (I.S.I. NO BLOW BACK).

FINAL BLOW

STRONG BLOW THROUGHOUT (F.S.I. NO BLOW BACK).

I.H.P. 2358 #
I.F.P. 111 - 233 #
I.S.I.P. 1489 #
F.F.P. 304 - 416 #
F.S.I.P. 1489 #
F.H.P. 2338 #
B.H.T. 123 Degrees

RECOVERY

190' MUDDY WATER, 630' GAS CUT SALT WATER, 820' TOTAL
FLUID, CHLORIDES 78,000 p.p.m.

DATE 12/27/89, TOOL OPEN 5:45 A.M.
VISCOSITY 50, MUD WEIGHT 8.8
WATER LOSS 12.0, CHLORIDES 7000 p.p.m.
LOSS CIRCULATION MATERIAL 4 #

Dreitz Farms #4-1
Seward County, Kansas
Sec. 4, T32S, R33W

Operated by
Dolomite Resources Corp.
105 S. Broadway, #740
Wichita, Kansas 67202
265-8014

RELEASED

JAN 9 9 1991

FROM CONFIDENTIAL

D.S.T. 2
5460 - 5590'

TIMES
20-60-35-60"

INITIAL BLOW

STRONG BLOW, G.T.S. IN 3 MINUTES. GAUGED 4500 MCFG/10",
5600 MCFG/20".

FINAL BLOW

STRONG BLOW, GAUGED 4065 MCFG/10", 6379 MCFG/20", 6379
MCFG/30", 6200 MCFG/35".

I.H.P. 2688 #
I.F.P. 1466 - 1488 #
I.S.I.P. 1739 #
F.F.P. 1453 - 1504 #
F.S.I.P. 1726 #
F.H.P. 2672 #
B.H.T. 138 Degrees

RECOVERY

90' OIL CUT WATER (20% CONDENSATE), 180' OIL CUT SALT
WATER (10% CONDENSATE), 90' SALT WATER, 360' TOTAL FLUID.

DATE 12/31/89, TOOL OPEN 7:55 A.M.
VISCOSITY 51, MUD WEIGHT 9.1
WATER LOSS 7.0, CHLORIDES 4500 p.p.m.
LOSS CIRCULATION MATERIAL 3 #

FEB 12 1990

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

STATE OPERATIONS COMMISSION
RECEIVED
JAN 2 9 1990
CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER COPY



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

HALLIBURTON SERVICES ORIGINAL

INVOICE

A Halliburton Company

INVOICE NO.	DATE
901888	12/16/1989

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
DRIETZ FARMS 4-1		SEWARD		KS	DOLOMITE RESOURCES	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #8		CEMENT SURFACE CASING		12/16/1989
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
311550	WILLIE HESKETT			COMPANY TRUCK	87541	

GABBERT-JONES INC
 ENGLISH KEY BUILDING
 333 EAST ENGLISH
 SUITE 215
 WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:
 SUITE 600
 COLORADO DERBY BUILDING
 WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	20	MI	2.20	44.00
001-016	CEMENTING CASING	1608	FT	883.00	883.00
030-016	CEMENTING PLUG SW ALUM TOP	8 5/8	IN	90.00	90.00
12A	GUIDE SHOE - 8 5/8" 8RD THD.	1	EA	188.00	188.00
825.217					
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00
815.19502					
27	FILL-UP UNIT 7" - 8 5/8"	1	EA	29.00	29.00
815.19414					
40	CENTRALIZER 8-5/8" MODEL S-4	3	EA	53.00	159.00
807.93059					
320	CEMENT BASKET 8 5/8"	1	EA	122.00	122.00
800.8888					
350	HALLIBURTON WELD-A	1	LB	11.00	11.00
890.10802					
504-050	PREMIUM PLUS CEMENT	150	SK	7.08	1,062.00
504-120	HALL. LIGHT -PREMIUM PLUS	600	SK	6.29	3,774.00
507-210	FLOCELE	150	LB	1.21	181.50
509-406	ANHYDROUS CALCIUM CHLORIDE	13	SK	25.75	334.75
500-207	BULK SERVICE CHARGE	776	CFT	.95	737.20
500-306	MILEAGE CMTG MAT DEL OR RETURN	1412.440	TMI	.70	988.71
INVOICE SUBTOTAL					8,775.16
DISCOUNT-(BID)					2,332.16-
INVOICE BID AMOUNT					6,443.00
*-KANSAS STATE SALES TAX					244.91
***** CONTINUED ON NEXT PAGE *****					

RECEIVED
 STATE OF KANSAS
 JAN 29 1990
 CONSERVATION DIVISION
 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.

CORRECTED INVOICE
 * CORR-NO 040236 *
 PAGE: 1

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REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

HALLIBURTON SERVICES

ORIGINAL

INVOICE

A Halliburton Company

INVOICE NO.	DATE
901888	12/16/1989

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
DRIETZ FARMS 4-1		SEWARD		KS	DOLOMITE RESOURCES	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #8		CEMENT SURFACE CASING		12/16/1989
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA		FILE NO.
311550	WILLIE HESKETT			COMPANY TRUCK		87541

GABBERT-JONES INC
 ENGLISH KEY BUILDING
 333 EAST ENGLISH
 SUITE 215
 WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:
 SUITE 600
 COLORADO DERBY BUILDING
 WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	*--SEWARD COUNTY SALES TAX				57.64
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$6,745.55

RECEIVED
 STATE CONSERVATION COMMISSION
 JAN 29 1990
 CONSERVATION DIVISION
 Wichita, Kansas

Thom C. Rowland

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.

CORRECTED INVOICE
 * CORR-NO 040236
 PAGE: 2

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ORIGINAL

REMIT TO:

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

HALLIBURTON SERVICES

15024

INVOICE

A Halliburton Company

INVOICE NO.	DATE
902080	01/01/1990

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER		
DREITZ FARM 4-1 1004-01	SEWARD.	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL 10248508	GABBERT & JONES #8	CEMENT PRODUCTION CASING	01/01/1990		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
241801	LARRY BENEDICK			COMPANY TRUCK	88468

~~DOLOMITE RESOURCES CORPORATION~~
~~610 ROADWAY PLAZA BUILDING~~
~~WICHITA, KS 67202~~

DIRECT CORRESPONDENCE TO:
 SUITE 600
 COLORADO DERBY BUILDING
 WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	23	MI	2.20	50.60
		1	UNT		
001-016	CEMENTING CASING	5770	FT	1,275.00	1,275.00
		1	UNT		
018-317	SUPER FLUSH	10	SK	74.00	740.00
314-163	CLAYFIX II	6	GAL	17.25	103.50
80	FORM PKR SHOE FLAP VLV 4 1/2"	1	EA	2,300.00	2,300.00 *
855.128					
350	HALLIBURTON WELD-A	1	LB	11.00	11.00 *
890.10802					
40	CENTRALIZER 4-1/2" MODEL S-4	6	EA	41.00	246.00 *
807.93004					
82	FILL-UP UNIT	1	EA	45.00	45.00 *
855.02545					
504-043	PREMIUM CEMENT	200	SK	6.85	1,370.00 *
507-775	HALAD-322	113	LB	5.60	632.80 *
508-002	POTASSIUM CHLORIDE	350	LB	.23	80.50 *
500-207	BULK SERVICE CHARGE	200	CFT	.95	190.00 *
500-306	MILEAGE CMTC RATE DEL OR RETURN	337.1025	TMI	.70	235.97 *
INVOICE SUBTOTAL					7,280.37
DISCOUNT-(BID)					1,092.04-
INVOICE BID AMOUNT					6,188.33
* - KANSAS STATE SALES TAX					184.65
* - SEWARD COUNTY SALES TAX					43.45
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$6,416.43

STATE COMMISSION RECEIVED
 JAN 29 1990
 CONSERVATION DIVISION
 Wichita, Kansas

Curt Long Strong
 ICC

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.