

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

API NO. 15- 007-22478 0000

ORIGINAL

County Barber County, Kansas

C-S/2-SW SE - Sec. 20 Twp. 33S Rge. 14 XXV

330 Feet from S (circle one) Line of Section

1980 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Hoey Well # 15-20

Field Name CONFIDENTIAL

Producing Formation _____

Elevation: Ground 1713 KB 1726

Total Depth 4830' PBTD _____

Amount of Surface Pipe Set and Cemented at 1070' Feet

Multiple Stage Cementing Collar Used? _____ Yes _____ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D & A 4-17-96
(Data must be collected from the Reserve Pit) Lu

Chloride content 28000 ppm Fluid volume _____ bbls..

Dewatering method used evaporation **RELEASED**

Location of fluid disposal if hauled offsite: _____

Operator Name Molz MAR 11 1997

Lease Name Molz SWD **FROM CONFIDENTIAL**
License No. 6006

Quarter Sec. 6 Twp. 3S S Rng. 11W E/W

County Barber Docket No. CD-9771

Operator: License # 30972

Name: Petroglyph Operating Co., Inc.

Address P.O. Box 1839

City/State/Zip Hutchinson KS 67504-1839

Purchaser: _____

Operator Contact Person: Duane Purser

Phone (316) 665-8500

Contractor: Name: Duke Drilling Co., Inc.

License: 5929'

Wellsite Geologist: Tom Williams

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover:

Operator: KCC

Well Name: _____

Comp. Date _____ Old Total Depth JAN 1 ?

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

09-13-95 09-22-95 09-22-95
Spud Date Date Reached TD 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 Duane Purser

Title Manager of Operations Date 10-20-95

Subscribed and sworn to before me this 20th day of October 1995.

Notary Public Angela R. Ely

Date Commission Expires April 4, 1999

STATE RECEIVED
CORPORATE K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
 Wireline Log Received
 Geologist Report Received
1-12-96
DISTRIBUTION
 KCC SWD/Rep NGPA
 KGSAS Plug Other (Specify)

NOTARY PUBLIC - State of Kansas
ANGELA R. ELY
My Appt. Exp. 4-4-99

Operator Name Petroglyph Operating Co., Inc. Lease Name Hoey Well # 15-20

Sec. 20 Twp. 33S Rge. 14 East West

County Barber County, Kansas

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 (Submit Copy.) Yes No

List All E.Logs Run:

DIL, CNL

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Chase	2130	-404
Heebner	3930	-2204
BKC	4584	-2858

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
Conductor	17-1/4"	13-3/8"	43#	53'	60/40 Poz	100	4% cc
Surface	12-1/4"	8-5/8"	25#	1070'	60/40 Poz	450	4%cc

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

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, S/D or Inj. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

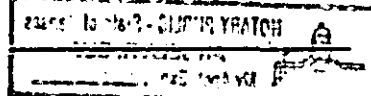
Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)





HALLIBURTON
ORIGINAL

INVOICE

INVOICE NO.	DATE
825511	09/15/1995

WELL LEASE NO./PROJECT MOEY 15 20		WELL/PROJECT LOCATION BARBER		STATE KS	OWNER SAME
SERVICE LOCATION PRATT		CONTRACTOR DUKE DRILLING #2	JOB PURPOSE CEMENT SURFACE CASING ✓		TICKET DATE 09/15/1995
ACCT. NO. 101840	CUSTOMER AGENT EARL MCNETT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 96390

CONFIDENTIAL

RELEASED

DIRECT CORRESPONDENCE TO:

PETROGLYDH OPERATING CO , INC.
P. O. BOX 1839
HUTCHINSON, KS 67504-1839

P.O. BOX 1598
BERNARD, KS 67205-0000

MAR 11 1997

FROM CONFIDENTIAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	100	MC	2.75	275.00
		1	UNT		
001-018	CEMENTING CASING	1070	FT	1,145.00	1,145.00
		1	UNT		
030-503	TOP PLUG WOODEN	8 5/8	IN	95.00	95.00
542	RAFFLE PLATE - 8 5/8" ALUM	1	EA	48.00	48.00
825 1269		1	EA	48.00	48.00
40	CENTRALIZER 8-5/8" X 12.25	2	EA	80.00	160.00
907 91059		2	EA	80.00	160.00
330	CEMENT BASKET 8 5/8"	2	EA	122.00	244.00
800.H288		2	EA	122.00	244.00
001-018	CEMENTING CASING - ADD HRS	5	HR	235.00	1,175.00
		1	UNT		
001-018	CEMENTING CASING - ADD HRS	5	HR	235.00	N/C
		1	UNT		
158-099	FLO-CHEK 21	500	GAL	1.60	800.00
504-136	CEMENT - 40/60 POZMIX STANDARD	225	SK	7.16	1,611.00
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	36.75	220.50
507-210	FLOCELE	56	LB	1.65	92.40
504-136	CEMENT - 40/60 POZMIX STANDARD	150	SK	7.16	1,074.00
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	36.75	147.00
500-207	HOLE SERVICE CHARGE	399	CFT	1.35	538.65
500-306	MILEAGE CHRG MAT DEL OR RETURN	820.00	TMI	.95	779.00
504-308	CEMENT - STANDARD	75	SK	8.85	664.50
504-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	36.75	147.00
503-406	CALCIUM CHLORIDE ON THE SIDE	1	SK	36.75	36.75
500-306	MILEAGE CHRG MAT RETURN	542.75	TMI	.95	515.61
500-225	CEMENTING MATERIALS RETURNED	230	CFT	.85	195.35
500-207	HOLE SERVICE CHARGE	101	CFT	1.35	139.35
500-306	MILEAGE CHRG MAT DEL OR RETURN	725	TMI	.95	688.75

CONFIDENTIAL
JAN 12 1997

RECEIVED
STATE CORPORATION COMMISSION
JAN 7 2 1996
DIVISION
WICHITA, KANSAS

CONTINUED ON NEXT PAGE

TERMS: 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 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.

CUSTOMER COPY



15-007-22478-0000

HALLIBURTON

ORIGINAL

REMIT TO:
P.O. BOX 95046
DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
825533	04/15/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
COPY 15 20		BARBER		KS	STATE
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT	DUKE DRILLING #5	CEMENT SURFACE CASING ✓		04/15/1996	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
81840	EAP MCINTT			COMPANY TRUCK	56190

CONFIDENTIAL

DIRECT CORRESPONDENCE TO:

PETROGLYPH OPERATING CO., INC
P.O. BOX 1339
HUTCHINSON, KS 67504-1339

P.O. BOX 1596
LIBERAL, KS 67901-0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	INVOICE SUBTOTAL				10,211.82
	DISCOUNT (RID)				2,896.86-
	INVOICE RID AMOUNT				7,827.00
	KANSAS STATE SALES TAX				256.84
	PRATT COUNTY SALES TAX				52.74
	INVOICE TOTAL				\$8,137.50

ALL
JAN 12
CONFIDENTIAL

RELEASED
MAR 11 1997
FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
JAN 12 1996
WICHITA, KANSAS

TERMS: 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 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.

INVOICE



HALLIBURTON
ORIGINAL

INVOICE NO.	DATE
835516	09/22/1995

WELL LEASE NO./PROJECT HOBY 15 20		WELL/PROJECT LOCATION BARBER		STATE KS	OWNER SAGE
SERVICE LOCATION PRATT		CONTRACTOR DUKE DRILLING CS	JOB PURPOSE PLUG TO ABANDON ✓		TICKET DATE 09/22/1995
ACCT. NO. 641840	CUSTOMER AGENT JOE LYVINGSTON	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 96783

CONFIDENTIAL

DIRECT CORRESPONDENCE TO:
P.O. BOX 1598
LIBERAL, KS 67905-0000

PETROGLYPH OPERATING CO., INC.
P.O. BOX 1839
HUTCHINSON, KS 67504-1839

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	100	MI	2.75	275.00
			1	UNI	
000-910	MISCELLANEOUS PUMPING JOB	1	TRK	395.00	395.00
501-136	CEMENT - 40/60 POZMIX STANDARD	135	SK	7.16	966.60
507-277	HALLIBURTON-GEL BENTONITE	5	SK	10.60	53.00
500-207	BULK SERVICE CHARGE	145	CFT	1.35	195.75
500-306	MILEAGE CHRG MAT DEL OR RETURN	299.05	TNT	.95	284.10

INVOICE SUBTOTAL	2,209.45
DISCOUNT (BID)	707.00
INVOICE BID AMOUNT	1,502.43
2-KANSAS STATE SALES TAX	73.62
PRATT COUNTY SALES TAX	15.02

NOV
JAN 12
CONFIDENTIAL

INVOICE TOTAL PLEASE PAY THIS AMOUNT \$1,591.07

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