

ORIGINAL

FORM MUST BE TYPED

SIDE ONE

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

Operator: License # 5249  
Name: Osborn Heirs Company  
Address P. O. Box 17968

City/State/Zip San Antonio, Texas 78286

Purchaser: Colorado Interstate Gas Company

Operator Contact Person: Nancy FitzSimon

Phone ( 210 ) 826-0700

Contractor: Name: Cheyenne Drilling, Inc.

License: 5382

Wellsite Geologist: \_\_\_\_\_

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: \_\_\_\_\_

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. \_\_\_\_\_

09-20-94 09-22-94 10-08-94  
Spud Date Date Reached TD Completion Date

API NO. 15- 093-21372 0000

County Kearny

NE - NE <sup>SW</sup> - NE Sec. 19 Twp. 25S Rge. 36 X <sup>E</sup>

1400 Feet from S (circle one) Line of Section

1600 Feet from E/W (circle one) Line of Section

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

Lease Name Johnson Well # 4-B

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3072 KB 3083

Total Depth 2700 PBTB 2656

Amount of Surface Pipe Set and Cemented at 654 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 ALT 1 09/10-19-95  
(Data must be collected from the Reserve Pit)

Chloride content 13,600 ppm Fluid volume 500 bbls

Dewatering method used evaporation

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.

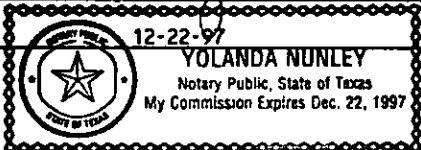
Signature Mary A. Cunningham

Title Engineer Date 03-17-95

Subscribed and sworn to before me this 17th day of January, 1995.

Notary Public Yolanda Nunley

Date Commission Expires \_\_\_\_\_



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)  
1995  
03-23-95

**SIDE TWO**

Operator Name Osborn Heirs Company Lease Name Johnson Well # 4-B

Sec. 19 Twp. 25S Rge. 36  East  West  
 County Kearny

**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:

DIL-SFL-GR,  
 CNLD-GR,  
 NGRSL,  
 ML-GR

Name	Top	Datum
Herrington	2320'	+ 763
Winfield	2377'	+ 706
Towanda	2466'	+ 617
Ft. Riley	2521'	+ 562
Wreford	2610'	+ 473
Council Grove	2639'	+ 444

**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	30	20	52.73	91'	CL "H"	145	3% CC
surface	12-1/4	8-5/8	23.00 & 24.00	654	Lite & CL "C"	350	2%CC, % flocele
production	7-7/8	5-1/2	15.50 & 14.00	2700	Lite & Poz	595	1%CC, % flocele

**ADDITIONAL CEMENTING/SQUEEZE RECORD** 0.2% Haled-4

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	
		4	2356-2368, 2374-2390, 2416-2436, 2474-2498, 2514-2519, 2524-2554, 2572-2586
		77,000 gallons 30# gel + 384,000#	2356-2586
		10/20 sand	

**TUBING RECORD** Size NONE Set At NONE Packer At NONE Liner Run  Yes  No

Date of First, Resumed Production, SMD or Inj. 10-08-94 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0.0	305	0.0	N/A	N/A

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

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled

(If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

DRILLERS LOG

ORIGINAL

OSBORN HEIRS COMPANY  
JOHNSON 4-B  
SECTION 19-T25S-R36W  
KEARNY COUNTY, KANSAS

API # 15-093-21372

COMMENCED: 09-20-94  
COMPLETED: 09-23-94

SURFACE CASING: 654' OF 8 5/8" CMTD  
W/200 SKS PREMIUM PLUS LITE C + 2% CC +  
1/4 #/SK FLOCELE. TAILED IN W/ 150 SKS  
CLASS C + 2% CC + 1/4 #/SK FLOCELE.

FORMATION	DEPTH
SURFACE HOLE	0 - 654
RED BED & CLAY	654 - 1200
SHALE & SANDSTONE	1200 - 2210
SHALE & LIMESTONE	2210 - 2550
LIMESTONE	2550 - 2700 RTD

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

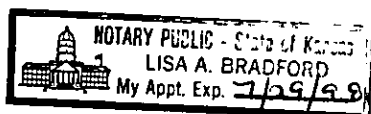
CHEYENNE DRILLING, INC.

*Wray Valentine*

WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 28TH DAY OF SEPTEMBER, 1994



LISA A. BRADFORD

*Lisa A Bradford*

NOTARY PUBLIC

MAR 2 1995

WILLIAMSON  
WILLIAMSON, KANSAS

CUSTOMER COPY

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



HALLIBURTON

ORIGINAL

INVOICE NO. 635113 DATE 09/16/1997

WELL LEASE NO./PROJECT JOHNSON 4-B		WELL/PROJECT LOCATION KEARNY		STATE KS	OWNER SAME
SERVICE LOCATION LIBERAL		CONTRACTOR R & W RATHOLE		JOB PURPOSE CEMENT CONDUCTOR CASINGS	
				TICKET DATE 09/16/1997	
ACCT. NO. 656400	CUSTOMER AGENT DALE L. TAYLOR	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 7726

OSBORN HEIRS COMPANY  
P.O. BOX 39  
KENDALL, KS 67857-0039

DIRECT CORRESPONDENCE TO:  
OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2000  
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	64	MI	2.75	176.00
001-016	CEMENTING CASING	1	UNT		
		78	FT	585.00	585.00
504-043	CEMENT - PREMIUM	1	UNT		
509-406	ANHYDROUS CALCIUM CHLORIDE	145	SK	10.61	1,538.45
500-207	BULK SERVICE CHARGE	4	SK	36.75	147.00
500-306	MILEAGE CMTD MAT DEL OR RETURN	153	CFT	1.35	206.55
		223.31	THI	.95	212.14

INVOICE SUBTOTAL 2,865.14

DISCOUNT-(BID) 716.27-

INVOICE BID AMOUNT 2,148.87

\*-KANSAS STATE SALES TAX 77.33

\*-SEWARD COUNTY SALES TAX 15.78

*Handwritten signature: Dale L. Taylor*

*Handwritten word: Copy*

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

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

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



HALLIBURTON

ORIGINAL

INVOICE

INVOICE NO. 635116 DATE 09/20/1995

WELL/LEASE NO./PROJECT <b>JOHNSON 4-B</b>	WELL/PROJECT LOCATION <b>KEARNY</b>	STATE <b>KS</b>	OWNER <b>OSBORN HEIRS COMPANY</b>
SERVICE LOCATION <b>LIBERAL</b>	CONTRACTOR <b>CHEYENNE DRLG.</b>	JOB PURPOSE <b>CEMENT SURFACE CASING</b>	TICKET DATE <b>09/20/1995</b>
ACCT. NO. <b>656400</b>	CUSTOMER AGENT <b>DALE L TAYLOR</b>	VENDOR NO.	CUSTOMER P.O. NUMBER
		SHIPPED VIA <b>COMPANY TRUCK</b>	FILE NO. <b>7759</b>

OSBORN HEIRS COMPANY  
P.O. BOX 39  
KENDALL, KS 67857-0039

DIRECT CORRESPONDENCE TO:  
OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2000  
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	66	MI	2.75	181.50
001-016	CEMENTING CASING	654	FT	1.36	890.00
030-018	CEMENTING PLUG 5W, PLASTIC TOP	8 5/8	IN	15.75	130.00
504-050	CEMENT - PREMIUM PLUS	150	SK	11.19	1,678.50
504-120	CEMENT - HALL. LIGHT PREM PLUS	200	SK	10.02	2,004.00
507-210	FLOCELE	88	LB	1.65	145.20
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	36.75	220.50
500-207	BULK SERVICE CHARGE	369	CFT	1.35	496.80
500-306	MILEAGE CMTG MAT DEL OR RETURN	546.744	TMI	.95	519.41

INVOICE SUBTOTAL 6,265.91

DISCOUNT-(BID)

INVOICE BID AMOUNT 1,566.46

4,699.45

\*-KANSAS STATE SALES TAX 190.91

\*-SEWARD COUNTY SALES TAX 38.97

Copy

INVOICE TOTAL - PLEASE PAY THIS AMOUNT \$4,929.33

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 balances 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.

FORM HAL-1900-F PAGE 1



HALLIBURTON

ORIGINAL

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

INVOICE

INVOICE NO. 635195  
DATE 09/23/1994

WELL/LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
JOHNSON 4-B		KEARNY		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	CHEYENNE	CEMENT PRODUCTION CASING		09/23/1994	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
656400	DALE L. TAYLOR			COMPANY TRUCK	7765

DIRECT CORRESPONDENCE TO:

OSBORN HEIRS COMPANY  
P.O. BOX 39  
KENDALL, KS 67857-0039

OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2000  
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	60	MI	2.75	165.00
		1	UNT		
001-016	CEMENTING CASING	2703	FT	1,455.00	1,455.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	5.5	IN	65.00	65.00
		1	EA		
504-120	CEMENT - HALL. LIGHT PREM PLUS	375	SK	10.02	3,757.50
504-131	CEMENT - 50/50 POZMIX PREMIUM	220	SK	7.70	1,694.00
507-210	FLOCELE	150	LB	1.65	247.50
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	36.75	183.75
507-661	HALAD-4	102	LB	9.15	933.30
507-153	CFR-3	97	LB	4.85	470.45
507-970	D-AIR 1, POWDER	94	LB	3.25	305.50
500-207	BULK SERVICE CHARGE	615	CFT	1.35	830.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	814.14	TMI	.95	773.43

INVOICE SUBTOTAL

10,880.68

DISCOUNT-(BID)

3,046.58-

INVOICE BID AMOUNT

7,834.10

- \*-KANSAS STATE SALES TAX
- \*-SEWARD COUNTY SALES TAX

326.71  
66.68

INVOICE TOTAL - PLEASE PAY THIS AMOUNT ----- 8,227.49

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.