

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 39  
Kendall, Kansas 67857  
City/State/Zip  
Purchaser: Panhandle Eastern Pipeline  
Operator Contact Person: Art Childers  
Phone (316) 373-2701  
Contractor: Name: Cheyenne Drilling  
License: 5382  
Wellsite Geologist: None  
Designate Type of Completion  
 New Well  Re-Entry  Workover

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  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
5-31-96 6-2-96 7-23-96  
Spud Date Date Reached TD Completion Date

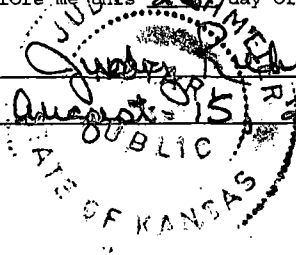
API NO. 15- 093-21518  
County Kearny  
NE - NE - NW - SE Sec. 14 Twp. 21S Rge. 38 X W  
2,600 Feet from (S)N (circle one) Line of Section  
1,835 Feet from (S)W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, (SE) NW or SW (circle one)  
Lease Name Elsie Well # 1B  
Field Name Hugoton  
Producing Formation Hugoton Chase  
Elevation: Ground 3,337' KB 3,343'  
Total Depth 2,922' PBTB 2,852'  
Amount of Surface Pipe Set and Cemented at 290 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 2,926'  
feet depth to surface w/ 675 sx cnt.  
Drilling Fluid Management Plan ALT 2 JH 2-11-97  
(Data must be collected from the Reserve Pit)  
Chloride content 84,000 ppm Fluid volume 960 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name 12-2-96  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. Rng. \_\_\_\_\_ E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

RECEIVED  
KANSAS CORP. COM.  
FEB 2 1996

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 Arthur B. Childers  
Title Engineer Date 11-26-96  
Subscribed and sworn to before me this 26 day of November, 1996.  
Notary Public Judy A. Schmeier  
Date Commission Expires August 15, 2000



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGBA  
 KGS  Plug  Other (Specify)

SIDE TWO

Operator Name Osborn Heirs Company Lease Name Elsie Well # 1B  
 Sec. 14 Twp. 21S Rge. 38  East County Kearny  
 West

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.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Herington	2,536'	+ 807'
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Krider	2,567'	+ 776'
		Winfield	2,606'	+ 737'
		Towanda	2,675'	+ 668'
		Fort Riley	2,696'	+ 647'

List All E.Logs Run:                      Microlog  
 Spectral Density Dual Spaced Neutron II  
 Dual Induction Laterolog  
 Compensated Spectral Natural Gamma

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	12-1/4"	8-5/8"	28	290'	Premium Plus	175	2% CaCl2 and 1/4#/sx. flocele
Production	7-7/8"	5-1/2"	14	2,926'	Premium Plus Lite	575	1/4#/sx. flocele, 0.2% Halad-9 0.3% CFR-3, 1/4#/sx. D-AIR 1% CaCl2
					Premium Plus	100	1% CaCl2, 0.6% Halad-322, 1/4#/sx. 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
	4	Fort Riley	2,698' - 2,703'	500 gallons 7-1/2% HCl w/ 25 1.1 SG ballsealers	
			14,000 gallons 25# linear gel 15,200# 16-30 sand		

<b>TUBING RECORD</b>	Size 2-3/8"	Set At 2,721'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 8-2-96	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil ---	Bbls.	Gas 302	Mcf 0
			Water 0	Bbls. 0
			Gas-Oil Ratio	Gravity

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

Vented  Sold  Used on Lease       Open Hole  Perf.       Dually/ Comp.       Commingled      2,698' to 2,703'

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

ORIGINAL

15-093-21518-0000

DRILLERS LOG

OSBORN HEIRS COMPANY  
ELSIE #1-B  
SECTION 14-T21S-R38W  
KEARNY COUNTY, KANSAS

COMMENCED: 05-31-96  
COMPLETED: 06-03-96

SURFACE CASING: 290' OF 8 5/8" CMTD  
W/175 SKS PREMIUM PLUS LITE + 2% CC +  
1/4#/SK FLOCELE

FORMATION	DEPTH
SURFACE HOLE	0 - 290
CLAY & RED BED	290 - 1872
RED BED	1872 - 1999
RED BED, SHALE & LIMESTONE	1999 - 2659
CHASE	2659 - 2920 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

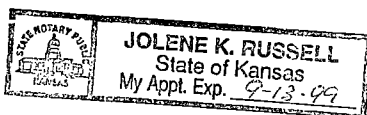
REC'D  
JUN 12 1996  
STATE OF KANSAS  
RECORDS & COURTS  
COMMERCIAL  
DIVISION

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 4TH DAY OF JUNE, 1996.

JOLENE K. RUSSELL

NOTARY PUBLIC



CUSTOMER COPY



HALLIBURTON ORIGINAL

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

INVOICE

INVOICE NO.	DATE
915491	05/31/1996

WELL LEASE NO./PROJECT ELSIE 1 B		WELL/PROJECT LOCATION KEARNY		STATE KS	OWNER SAME
SERVICE LOCATION HAYS		CONTRACTOR CHEYENNE RIG #8	JOB PURPOSE CEMENT SURFACE CASING		TICKET DATE 05/31/1996
ACCT. NO. 656400	CUSTOMER AGENT DALE L TAYLOR	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 08809

OSBORN HEIRS COMPANY  
P.O. BOX 39  
KENDALL, KS 67057-0039

DIRECT CORRESPONDENCE TO:  
P O BOX 420  
HAYS KS 67601  
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	130	MI	2.85	370.50
		1	UNT		
001-016	CEMENTING CASING	290	FT	585.00	585.00
		1	UNT		
030-503	WOODEN TOP PLUG	8 5/8	IN	95.00	95.00 *
		1	EA		
24A	INSERT FLOAT VALVE - 8 5/8"	1	EA	182.00	182.00 *
815.19501					
27	FILL-UP UNIT 7"- 8 5/8"	1	EA	64.00	64.00 *
815.19414					
41	CENTRALIZER - 8-5/8 X 12-1/4	2	EA	61.00	122.00 *
806.61048					
350	HALLIBURTON WELD-A	1	EA	16.75	16.75 *
890.10802					
000-119	MILEAGE FOR CREW	130	MI	1.50	195.00
		1	UNT		
504-050	CEMENT - PREMIUM PLUS	175	SK	12.62	2208.50 *
507-210	FLOCELE	44	LB	1.65	72.60 *
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK	36.75	110.25 *
500-207	BULK SERVICE CHARGE	184	CFT	1.35	248.40 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	544.60	TMI	.95	517.37 *

INVOICE SUBTOTAL

4,787.37

DISCOUNT- (BID)

1,675.55-

INVOICE BID AMOUNT

3,111.82

\*-KANSAS STATE SALES TAX

115.84

\*-HAYS CITY SALES TAX

23.64

INVOICE TOTAL - PLEASE PAY THIS AMOUNT \*\*\*\*\*

\$3,251.30

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

INVOICE



HALLIBURTON

ORIGINAL

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

INVOICE NO.	DATE
920109	06/02/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
ELSIE 1B		KEARNY		KS	GAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
LIBERAL		CHLYENN		CEMENT PRODUCTION CASING	
TICKET DATE					
06/02/1996					
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
656400	DALE L. TAYLOR			COMPANY TRUCK	08939

DIRECT CORRESPONDENCE TO:

OSBORN HEIRE COMPANY  
P.O. BOX 59  
KENDALL, KS 67857-0059

P O BOX 1598  
LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	130	MI	2.85	370.50
		1	UNT		
000-119	MILEAGE FOR CREW	130	MI	1.50	195.00
		1	UNT		
001-016	CEMENTING CASING	2920	FT	1,455.00	1,455.00
		1	UNT		
050-016	CEMENTING PLUG SW ALUM TOP	5.5	LN	60.00	60.00
		1	EA		
504-050	CEMENT - PREMIUM PLUS	675	SK	12.62	8,518.50
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	36.75	294.00
507-210	FLCCELE	169	LB	1.65	278.85
507-665	HALAD 9	109	LB	8.85	955.65
507-153	CFR-3	162	LB	4.65	755.70
507-970	D-AIR 1, POWDER	144	LB	3.20	460.80
507-775	HALAD-322	56	LB	7.00	392.00
500-207	BULK SERVICE CHARGE	702	CFI	1.35	947.70
500-306	MILEAGE CRTO MAT DEL OR RETURN	2103.53	MI	.95	1,998.35

INVOICE SUBTOTAL

16,719.90

DISCOUNT-(BID)

5,851.76

INVOICE BID AMOUNT

10,867.64

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

469.15  
95.54  
143.32

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

\$11,574.65

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.