

ORIGINAL

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 # 5418  
Name: ALLEN DRILLING COMPANY  
Address 7950 E. Prentice #100  
Englewood, CO 80111  
City/State/Zip \_\_\_\_\_  
Purchaser: D & A  
Operator Contact Person: Doug Hoisington  
Phone (303) 796-7350

Contractor: Name: ALLEN DRILLING COMPANY  
License: 5418  
Wellsite Geologist: Jeffrey R. Zoller

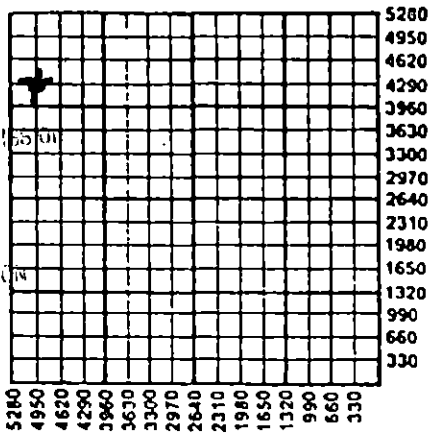
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If OWO: old well info as follows:  
Operator: N/A  
Well Name: ----  
Comp. Date --- Old Total Depth ---

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
7/13/91 7/21/91 7/22/91  
Spud Date Date Reached TD Completion Date

API NO. 15- 009-24,470-0000  
County Barton  
SW NW NE Sec. 17 Twp. 20S Rge. 15W  East West  
4290 Ft. North from Southeast Corner of Section  
4950 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)  
Lease Name UNRUH Well # 2-17  
Field Name Converse  
Producing Formation D & A  
Elevation: Ground 2075' KB 2080'  
Total Depth 3925' PBTD --

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OIL & GAS CONSERVATION DIVISION  
Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 1088 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from N/A  
feet depth to ---- w/ ---- sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Doug Hoisington  
Title Vice President Date 8-14-91  
Subscribed and sworn to before me this 14th day of August, 19 91.  
Notary Public Cynthia L. Woolery  
Cynthia L. Woolery  
Date Commission Expires January 17, 1994

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

SIDE TWO

Operator Name ALLEN DRILLING COMPANY Lease Name UNRUH Well # 2-17  
 Sec. 17 Twp. 20S Rge. 15W  East  West  
 County Barton

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.)  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)	<p style="text-align: center;"><b>Formation Description</b></p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input checked="" type="checkbox"/> Sample</p> <p style="text-align: center;">Name <span style="margin-left: 100px;">Top</span> <span style="margin-left: 100px;">Bottom</span></p> <p style="text-align: center; font-size: 1.2em;">"SEE ATTACHED"</p>
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<b>CASING RECORD</b> <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"	23#	1008'	60/40poz	375	3%cc 2%gel
<b>PERFORATION RECORD</b>				<b>Acid, Fracture, Shot, Cement Squeeze Record</b>			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
<b>TUBING RECORD</b>				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Size	Set At	Packer At				
Date of First Production	Producing Method <input 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 Mcf	Water Bbls.	Gas-Oil Ratio		Gravity	

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

**METHOD OF COMPLETION**

Open Hole  Perforation  Dually Completed  Commingled

Other (Specify) Dry & Abandoned

Production Interval \_\_\_\_\_

DRILL STEM TESTS								
NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY	
	3755 - 3800	47-58	589	82-94	601	1923 - 1923	133' mud; weak bldg to strong blow thru test	
	ARB	30	45	45	60			
	3800 - 3810	23-23	376	23-23	400	1946 - 1946	465' gas in pipe; 15' mud weak bldg to fair blow thru test	
	ARB	30	30	30	30			
	3810 - 3825	47-51	376	58-63	365	1958 - 1958	25' very slightly oil specked gas cut mud; 120' very slightly oil specked gas cut water strong blow, gas to surf in 1 min. on 2nd open too small to measure	
	ARB	30	45	45	60			
4	MISRUN (tool failure)							
	3826 - 3836	23-23	388	23-23	530	1964 - 1969	220' gas in pipe, 20' slightly gas cut oil specked mud; very weak blow thru test	
	ARB	45	30	45	60			

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Wichita, Kansas

THAT I HAVE

	Sample	Log	Subsea
Anhydrite	1082	1103	+ 977
Base Anhyd	1106	1122	+ 958
Howard	3080	3079	- 999
Topeka	3157	3156	-1076
King Hill	3249	3249	-1169
Queen Hill	3315	3317	-1237
Heebner	3413	3413	-1333
Toronto	3430	3430	-1350
Douglas Sh.	3444	3445	-1365
Brown Lime	3497	3498	-1418
Lansing	3508	3509	-1429
G Ø	3577	3578	-1498
Base KC	3727	3730	-1650
Arbuckle	3779	3783	-1703
TD	3925	3926	-1846

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 Colorado Derby Building  
Wichita, Kansas 67202

WELL PLUGGING RECORD  
K.A.R.-82-3-117

API NUMBER 15-009-24,470.0000

LEASE NAME UNRUH

WELL NUMBER 2-17

4290 Ft. from S Section Line

49500 Ft. from E Section Line

SEC. 17 TWP. 20 RGE. 15W ~~K0006X~~ (W)

COUNTY Barton

Date Well Completed 7/22/91

Plugging Commenced 7/22/91

Plugging Completed 7/22/91

TYPE OR PRINT  
NOTICE: Fill out completely  
and return to Cons. Div.  
office within 30 days.

LEASE OPERATOR ALLEN DRILLING COMPANY

ADDRESS 7950 E. Prentice #100  
Englewood, CO 80111

PHONE#(303) 796-7350 OPERATORS LICENSE NO. 5418

Character of Well D & A

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on 7/19/91 (date)

by Marion (KCC District Agent's Name).

Is ACO-1 filed? yes If not, is well log attached? \_\_\_\_\_

Producing Formation D & A Depth to Top \_\_\_\_\_ Bottom T.D. 3925

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled out
		0	1008	8-5/8	1008	none

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set.

25 sk @ 3783' 40 sk @ 240' 195 sk 60/40 poz 3%cc, 4%gel  
25 sk @ 1090' 10 sk @ 10' Plug down 9/22/91 9:30 PM  
80 sk @ 650' 15 sk in rathole Halliburton # 171075

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor ALLEN DRILLING COMPANY License No. 5418

Address P.O.Box 1389, Great Bend, KS 67530

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: ALLEN DRILLING COMPANY  
7950 E. Prentice #100, Englewood, CO 80111

STATE OF Colorado COUNTY OF Arapahoe, ss.

Doug Hoisington (Employee of Operator) or (Operator) of

above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct.

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STATE CORPORATION COMMISSION  
WICHITA, KANSAS

(Signature) [Signature]

(Address) 7950 E. Prentice - Suite 100  
Englewood, Colorado 80111

SUBSCRIBED AND SWORN TO before me this 14th day of August, 19 91

[Signature]  
Cynthia L. Woolery Notary Public

My Commission Expires: 1-17-94

6 070933

7-22

67 R

To: STATE CORPORATION COMMISSION  
CONSERVATION DIVISION - PLUGGING SECTION  
200 COLORADO DERBY BUILDING  
WICHITA, KANSAS 67202

API NUMBER 15- 009-24,470.0000

SW NW NW , SEC. 17 , T 20 S, R 15 (W) E

4290 feet from S section line

4950 feet from E section line

TECHNICIAN'S PLUGGING REPORT

Operator License # 5418

Lease Name Unruh Well # 2-17

Operator: Allen Drilling Company

County Barton 127.56

Name & Address 7950 E. Prentice - #100

Well Total Depth 3925 feet

Englewood, Colorado 80111

Conductor Pipe: Size 0 feet

Doug Hoisington

Surface Casing: Size 8 5/8 feet 1088

Abandoned Oil Well \_\_\_\_\_ Gas Well \_\_\_\_\_ Input Well \_\_\_\_\_ SWD Well \_\_\_\_\_ O&A

Other well as hereinafter indicated \_\_\_\_\_

Plugging Contractor Allen Drilling Company License Number 5418

Address 1105 Walmat, Box 1389, Great Bend, Kansas 67530

Company to plug at: Hour: A.M. Day: 22nd Month: July Year: 19 91

Plugging proposal received from Vince Schrepel

(company name) Allen Drilling Company (phone) 316-793-3582

were: 8 5/8" 1088' S. P. circ. w/375 sx. 60/40 poz. - 2% gel. - 3% ca.cl. By Halco.

Arbuckle Well - Elev. 2080 - anhy. 1082 - mud condition 47 vis. - 9.3 wt. 11.0 W.L.

Proposal 195 sx. 60/40 posmix - 4% gel. - 3% ca.cl. Spot with drill stem, circulate.

hole, heavy mud between all plugs. 25 sx. @ 3783' - 25 sx. @ 1090' - 80 sx. @ 650'

40 sx. @ 240' - 10 sx. @ 40' - 15 sx. Rathole (circulate)

Plugging Proposal Received by Marion J. Schmidt (TECHNICIAN)

Plugging Operations attended by Agent?: All \_\_\_\_\_ Part \_\_\_\_\_ None

Operations Completed: Hour: 9:30P.M. Day: 22nd Month: July Year: 19 91

ACTUAL PLUGGING REPORT Allen Drilling ordered 195 sx. 60/40 pozmix - 4% gel. Spotted

and displaced cement with drill stem, with heavy mud between all plugs. (circulated hole first)

1st plug @ 3783' w/25 sx. cement. 4th plug @ 240' w/40 sx. cement.

2nd plug @ 1090' w/25 sx. cement. 5th plug @ 40' w/10 sx. cement.

3rd plug @ 650' w/80 sx. cement. 15 sx. in Rathole (circulate).

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INVOICED

Remarks: Additional description is necessary, use BACK of this form.)

DATE 8-28-91 (XXXXXX did not) observe this plugging.

INV. NO. 32857

J. S.

Signed Marion J. Schmidt (TECHNICIAN)

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
200 Colorado Derby Building  
Wichita, Kansas 67202

FORM CP-1  
Rev. 2/89

**WELL PLUGGING APPLICATION FORM**  
(File One Copy)

API NUMBER 15-009-24,470.0000 (of this well).

(This must be listed; if no API# was issued, please note drilling completion date.)

WELL OWNER/OPERATOR ALLEN DRILLING COMPANY OPERATOR'S LICENSE NO. 5418  
80111

ADDRESS 7950 E. Prentice Ste 100, Englewood, CO PHONE # (303) 796-7350

LEASE (FARM) UNRUH WELL NO. 2-17 WELL LOCATION SW NW NW COUNTY Barton

SEC. 17 TWP. 20 RGE. 15W (~~15W~~ (W)) TOTAL DEPTH 3925' PLUG BACK TD --

**Check One:**

OIL WELL  GAS WELL  D & A  SWD or INJ WELL  DOCKET NO. \_\_\_\_\_

SURFACE CASING SIZE 8-5/8" SET AT 1088 CEMENTED WITH 375 SACKS

CASING SIZE \_\_\_\_\_ SET AT \_\_\_\_\_ CEMENTED WITH \_\_\_\_\_ SACKS

PERFORATED AT --

CONDITION OF WELL: GOOD  POOR  CASING LEAK  JUNK IN HOLE

PROPOSED METHOD OF PLUGGING per KCC recommendations

AUG 15 1991

CONSERVATION DIVISION  
Wichita, Kansas

(If additional space is needed use back of form.)

IS WELL LOG ATTACHED TO THIS APPLICATION AS REQUIRED? yes IS ACO-1 FILED? yes  
(If not explain.)

DATE AND HOUR PLUGGING IS DESIRED TO BEGIN July 22, 1991 1:30 PM

PLUGGING OF THIS WELL WILL BE DONE IN ACCORDANCE WITH K.S.A. 55-101 et. seq. AND THE RULES AND REGULATIONS OF THE STATE CORPORATION COMMISSION.

NAME OF REPRESENTATIVE AUTHORIZED TO BE IN CHARGE OF PLUGGING OPERATIONS:

ALLEN DRILLING COMPANY PHONE # (316) 793-5681

ADDRESS P.O. Box 1389, Great Bend, KS 67530

PLUGGING CONTRACTOR ALLEN DRILLING COMPANY LICENSE NO. 5418 P

ADDRESS P.O. Box 1389, Gt. Bend, KS 67530 PHONE # (316) 793-5681

PAYMENT OF THE PLUGGING FEE (K.A.R. 82-3-118) WILL BE GUARANTEED BY OPERATOR OR AGENT.

SIGNED: [Signature]  
(Operator or Agent)

DATE: Aug 15, 1991