

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

JAN 22  
CONFIDENTIAL

API NO. 15- 033-20,838 ORIGINAL

County Comanche

100' W E/2 SW SW Sec. 12 Twp. 32 Rge. 19 X W

Operator: License # 3667

660 Feet from S (circle one) Line of Section

Name: SOURCE PETROLEUM

RELEASED

880 Feet from E (circle one) Line of Section

Address 200 W. Douglas, #820

Wichita, KS 67202

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

City/State/Zip \_\_\_\_\_

FROM CONFIDENTIAL

Lease Name SHERMAN A Well # 1

Purchaser: D & A

Field Name WC

Operator Contact Person: John D. Howard, JR

Producing Formation D & A

Phone (316) 262-7397

Elevation: Ground 2044 KB 2049

Contractor: Name: ALLEN DRILLING COMPANY

Total Depth 6310 PBTB \_\_\_\_\_

License: 5418

Amount of Surface Pipe Set and Cemented at 643 Feet

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

Multiple Stage Cementing Collar Used? Yes X No \_\_\_\_\_

Designate Type of Completion

X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

If yes, show depth set \_\_\_\_\_ Feet

Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW \_\_\_\_\_ Temp. Abd. \_\_\_\_\_

X Gas \_\_\_\_\_ ENHR \_\_\_\_\_ \_\_\_\_\_

X Dry \_\_\_\_\_ Other (Core, USU, Exp. \_\_\_\_\_ Cathodic, etc) \_\_\_\_\_

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) ATI DPA

If Workover/Re-Entry: old well info as follows:

Operator: N/A

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. \_\_\_\_\_

11/29/91 12/14/91 12/15/91

Spud Date Date Reached TD Completion Date

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

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, 200 Colorado Derby Building, 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: John D. Howard, Jr.  
Title: General Manager Date: 1/22/92

Subscribed and sworn to before me this 22nd day of January

19 92

Notary Public: Virginia S. Fabian

Date Commission Expires: August 5, 1995

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
<input checked="" type="checkbox"/>	KCC	Distribution
<input checked="" type="checkbox"/>	KGS	_____ SWD/Rep _____ NGPA
		_____ Plug _____ Other
		(Specify)

Operator Name SOURCE PETROLEUM Lease Name SHERMAN Well # "A" #1

Sec. 12 Twp. 32 Rge. 19  East  West County Comanche

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	4274	-2225
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	4458	-2409
List All E.Logs Run:		Mississippi	5114	-3065
		Viola	5652	-3603
		Arbuckle	5999 <del>9</del>	-3950

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"	23#	643	Lite/Class A	400	3%cc 2%gel

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				

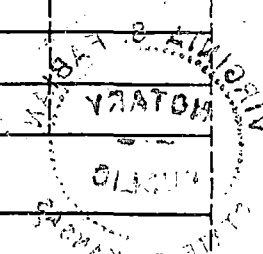
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.					
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  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

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



ORIGINAL

DRILL STEM TEST DATA ATTACHED TO ACO-1

Source Petroleum  
SHERMAN "A" #1  
100'W of E/2 SW SW 12-32S-19W  
Comanche County, Kansas

JAN 22  
CONFIDENTIAL

DST #1 5688-5710' - Viola  
30-45 30-45  
1st Open: 2" blow building to  
bottom of bucket in 5 min.  
2nd Open: 1/2" blow building to  
6".  
Rec: 300' gas in pipe, 70' gassy  
mud, 180' slightly muddy saltwater.  
IHP: 27-74 FHP: 27-15  
IFP: 66-82 FFP: 124-124  
ISIP: 487 FSIP: 354  
BHT 131°, chlor 60,000

RELEASED

JAN 22 1993

FROM CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION

JAN 23 1992  
1-23-92  
CONSERVATION DIVISION  
Wichita, Kansas



P.O. Box 4442  
Houston, Texas 77210

JAN 22

15-033-20838-0000

# CEMENTING LOG

STAGE NO.

# ORIGINAL

Date 11-30-91 District 584 Ticket No. 060318  
 Company Source Petroleum Rig Allen  
 Lease Sherman Well No. #1A  
 County Commache State KANSAS  
 Location \_\_\_\_\_ Field \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type 35.65.6-3%  
 Excess \_\_\_\_\_

Amt. 200 Skys Yield 1.80 ft<sup>3</sup>/sk Density 12.7 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type CLASSA  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Skys Yield 1.34 ft<sup>3</sup>/sk Density 15.2 PPG

WATER: Lead 9.9 gals/sk Tail 6.4 gals/sk Total 77 Bbls.

Pump Trucks Used BJ-1492

Bulk Equip. \_\_\_\_\_

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 8 5/8 Type J-55 Weight 23# Collar \_\_\_\_\_

Burst 2,950#  
 Collaspe 1,370#

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size 4 1/2 Weight 16.6 Collars X-Hole  
 Open Hole: Size 12 1/4 T.D. 660' ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.3525  
 Open Holes: Bbls/Lin. ft. .1458 Lin. ft./Bbl. 6.8599  
 Drill Pipe: Bbls/Lin. ft. .0142 Lin. ft./Bbl. 70.3235  
 Annulus: 8 5/8 Bbls/Lin. ft. .0735 Lin. ft./Bbl. 13.6037  
 Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Floater Equip: Manufacturer \_\_\_\_\_

Shoe: Type Baffle Plate Depth 613

Floater Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers: Quantity 2 Plugs Top 1 Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. \_\_\_\_\_

Disp. Fluid Type water Amt. 40 Bbls., Weight 8.34 PPG

Mud Type Chemical Weight 9.3 PPG

COMPANY REPRESENTATIVE Vince Schrepel

CEMENTER Larry Dreding

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE Casing	ANNULUS	TOTAL STABILE	Pumped Per Time Period	RATE Bbls Min.	
3:00	250					Rig up + safety meeting
4:20	200		64	15	5	Casing on bottom, try to move pipe. Pipe stuck. Rig up to cement
4:35	225		24	8	5	Cement w/ 200 sks. 35.65.6 w/ 3% CC. Followed w/ 100 sks. CLASS A, 3% CC + 2% GEL.
4:42						Stop Pumps.
4:47	200		36		5	Release Plug
4:55	180		37		2	Start Displacement
	350		40		2	Decrease Rate
5:00						Pump Plug
5:10						Shut In
5:25	200		24	15	2	Rig up to Run 1" Cement w/ 100 sks CLASS A w/ 3% CC + 2% GEL. Cement D.O.C. inc.
						Plug Down @ 5:30 A.M.
						RELEASED
						FROM CONFIDENTIAL

FINAL DISP. PRESS. 350 PSI BUMP PLUG TO 350 PSI BLEEDBACK \_\_\_\_\_ BBLs.

THANK YOU



P.O. Box 4442  
Houston, Texas 77210

15-033-20838-0000

JAN 22

# CEMENTING LOG

ORIGINAL STAGE NO.

**CONFIDENTIAL**

Date 12-15-91 District Medicine Lodge Ticket No. 060354  
 Company Savcon Petroleum Rig Allen #5  
 Lease Sherman Well No. 0-1  
 County Comanche State KS  
 Location E2-SW-SW 12-32s-19W Field Coldwater  
Y.W.NIN

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size 7/8 1/2 Weight 16.60 Collars X Hole  
 Open Hole: Size 7 7/8 T.D. 6310 ft. P.B. to 6000 ft.

CAPACITY FACTORS:  
 Casing: Bbbs/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbbs/Lin. ft. 0.0602 Lin. ft./Bbl. 16.5993  
 Drill Pipe: Bbbs/Lin. ft. 0.0142 Lin. ft./Bbl. 70.32  
 Annulus: Bbbs/Lin. ft. 0.0406 Lin. ft./Bbl. 24.6475  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE [Signature]

CEMENT DATA:  
 Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_  
 LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
40/60 - 6 1/2 Bbl Excess \_\_\_\_\_  
 Amt. 1.65 Sks Yield 1.52 ft<sup>3</sup>/sk Density 13.75 PPG  
 TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbbs.  
 Pump Trucks Used BSV 6487  
 Bulk Equip. BJ 54176

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbbs. Weight \_\_\_\_\_ PPG \_\_\_\_\_  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

CEMENTER M. E. Wolf

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS	
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period		RATE Bbbs Min.
2:00		4 1/2	7 7/8	20	3.3	6	Water Flush ahead of Cement 40 Sks 40/60 6 1/2 Bbl
				11	2	6	
				3	1/2	6	Water 480 Bbl
				80	13	6	Mud to Land Cement 6000 to 5820 ft Bottom plug
2:30							
8:30 A				10	1 1/2	6	Water Flush ahead of Cement
				13.5	2 1/4	6	50 Sks 40/60 6 1/2 Bbl
				11	1	6	Mud to displace Cement
8:45 A							1000 Bottom 770 top Cement Loaded
9:00 A				10	1 1/2	6	Water Flush ahead of Cement
				13.5	2	6	50 Sks 40/60 6 1/2 Bbl
				6	1	6	661 Mud Behind Cement
9:15 A							Bottom 675 Top 451
10:00 A							15 Sks Rathole 30 to Surface
							10 Sks Center of Hole 40 to Surface
10:15 A							Job Completed