

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

175-21429-0000 ORIGINAL

Operator: License # 7457

Name: ELDER & VAUGHN, INC.

Address P. O. BOX 18938

City/State/Zip OKLAHOMA CITY, OK 73154

Purchaser: _____

Operator Contact Person: JACK H. VAUGHN

Phone (405) 842-8877

Contractor: Name: CHEYENNE DRILLING, INC.

License: 5382

Wellsite Geologist: DON HUBER

CONFIDENTIAL

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

10-11-94 10-14-94 10-29-94
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21429-0000
County SEWARD
C S/2 - SW - SE Sec. 10 Twp. 33S Rge. 32

330 Feet from S/N (circle one) Line of Section
2100 2040 Feet from E/W (circle one) Line of Section

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

Lease Name AGA Well # 1-10

Field Name UNDESIGNATED

Producing Formation UPPER & LOWER KRIDER LIMESTONE

Elevation: Ground 2777' KB 2788'

Total Depth 3175' PBD 3125'

Amount of Surface Pipe Set and Cemented at 564 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 cnt.

Drilling Fluid Management Plan ALT 1 JH 1-31-96
(Data must be collected from the Reserve Pit)

Chloride content 25000 ppm Fluid volume 1200 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name RELEASED

Lease Name _____ License No. _____

Quarter 1 Sec. 4 Twp. 33S Rng. 32 E/W

County SEWARD Docket No. _____

FROM CONFIDENTIAL

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.

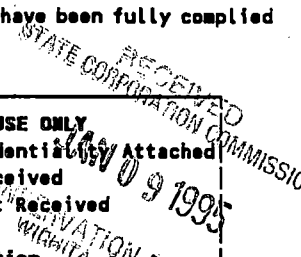
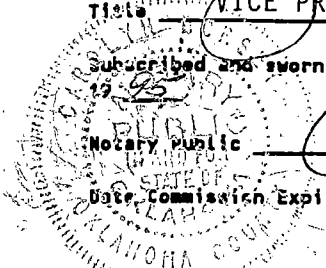
Signature _____
Title VICE PRESIDENT Date 01-04-95

Subscribed and sworn to before me this 4th day of January, 1995

Notary Public Carolyn Rorrey

Date Commission Expires 1/16/98

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



Operator Name ELDER & VAUGHN, INC. Lease Name AGA Well # 1-10
 Sec. 10 Twp. 33S Rge. 32 East West
 County SEWARD

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:
 Rosel Dual Induction
 Compensated SSD, Neutron

Name	Top	Datum
HENNGTON LS	2598	+190
U. KRIDER LS	2628	+160
L. KRIDER LS	2662	+126
WINFIELD LS	2718	+ 70
WREFORD LS	2950	-162
COUNCIL GROVE	3056	-268

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"	24# J-55	564	PREMIUM PLUS LITE	270	2% CC 1/2# Flocel/SK
PRODUCTION	8-7/8	5 1/2"	14# J-55	3160	POZMIX	180	10% Salt 12 1/2# Gilsomite .75 CFR2

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	2662-66, 2670-84	1000 gal. 15% HCl	2662-84
2	2630-40, 2642-44	1000 gal. 15% HCl	2630-44
Fracture all perfs w/8000 gals. 15% Acid & 270,000 SCF Nitrogen.			

TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2-3/8"	2576	---		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SMD or Inj.		Producing Method					
10-27-94		<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 250 Mcf	Water 10 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: 2630-2684

DRILLERS LOG

ORIGINAL

NPI#15-175-21429

ELDER & VAUGHN
1-10 ARKALON GRAZING ASSOCIATION
SECTION 10-T33S-R32W
SEWARD COUNTY, KANSAS

CONFIDENTIAL

COMMENCED: 10-11-94
COMPLETED: 10-15-94

SURFACE CASING: 564' OF 8 5/8" CMTD
W/120 SKS PREMIUM PLUS LITE + 2% CC
1/4 #/SK FLOCELE. TAILED IN W/ 150 SKS
CLASS C + 2% CC.

FORMATION	DEPTH
SURFACE HOLE	0 - 567
RED BED	567 - 1167
SHALE & SANDSTONE	1167 - 1840
LIMESTONE & SHALE	1840 - 3175 RTD FRO

RELEASED
JAN 14 1995

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

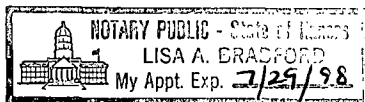
STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 18TH DAY OF OCTOBER, 1994

LISA A. BRADFORD

Lisa A Bradford

NOTARY PUBLIC



RECEIVED
STATE CORPORATION COMMISSION
JAN 09 1995
COUNCIL ON LAW DIVISION
WICHITA, KANSAS

WELL DATA
FIELD _____ SEC. 10 TWP. 33S RING. 32W COUNTY SEWARD STATE KS

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH 569.43

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24	8 5/8	GL	569.43	
LINER						
TUBING						
OPEN HOLE						ORIGINAL
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
Float <u>INSERT Float</u>	<u>1</u>	<u>Howco</u>
FLOAT SHOE		
GUIDE SHOE	<u>1</u>	
CENTRALIZERS	<u>2</u>	
BOTTOM PLUG		
TOP PLUG	<u>1</u>	
HEAD	<u>1</u>	
PACKER		
OTHER		

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-11-94</u>	DATE <u>10-11-94</u>	DATE <u>10-11-94</u>	DATE <u>10-11-94</u>
TIME <u>1930</u>	TIME <u>1930</u>	TIME <u>2316</u>	TIME <u>2339</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>W. Fox</u>	<u>D4437</u>	<u>P.U. Liberal</u>
<u>H. Tedder</u>	<u>56623</u>	<u>RCM</u>
<u>D. McIntyre</u>	<u>D9704</u>	<u>5303 Bulk Hugoton</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API
DISPL. FLUID _____ DENSITY _____ LB./GAL. °API
PROP. TYPE _____ SIZE _____
PROP. TYPE _____ SIZE _____
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
SURFACTANT TYPE _____ GAL. _____
NE AGENT TYPE _____ GAL. _____ IN _____
FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN _____
GELLING AGENT TYPE _____ GAL.-LB. _____ IN _____
FRIC RED. AGENT TYPE _____ GAL.-LB. _____ IN _____
BREAKER TYPE _____ GAL.-LB. _____ IN _____
BLOCKING AGENT TYPE _____ GAL.-LB. _____
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

DEPARTMENT CEMENT
DESCRIPTION OF JOB 8518 SURFACE PIPE
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
CUSTOMER REPRESENTATIVE X [Signature]
HALLIBURTON OPERATOR Wes Fox COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>120</u>	<u>P+L</u>		<u>B</u>	<u>2 1/2 CC - 1/4" Flocite</u>	<u>2.06</u>	<u>12.3</u>
<u>2</u>	<u>150</u>	<u>P+</u>		<u>B</u>	<u>2 1/2 CC</u>	<u>1.32</u>	<u>14.8</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
HYDRAULIC HORSEPOWER _____
ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM
TREATING 6.3 DISPL. 4.25 OVERALL 5.3
CEMENT LEFT IN PIPE
FEET 35.11 REASON Shoe Joint

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISP. _____
CEMENT SLURRY: BBL.-GAL. _____
TOTAL VOLUME: BBL.-GAL. 113.2

VOLUMES

TREATMENT: BBL.-GAL. _____ DISP. _____
CEMENT SLURRY: BBL.-GAL. _____
TOTAL VOLUME: BBL.-GAL. 113.2

REMARKS
SEE Job Log

CUSTOMER Elder & Vaughn
LEASE HCA
WELL NO. 1-10
JOB TYPE 8 5/8 Surface Pipe
DATE 10-11-94

RECEIVED
DATE CORPORATION COMMIS
JAN 9 9 1995
CONSERVATION DIVISION
WICHITA, KANSAS

JOB LOG HAL-2013-C

CUSTOMER Elders Vaughn	WELL NO. 1-10	LEASE AGA	JOB TYPE 8 5/8 Surface Pipe	TICKET NO. 635433
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (24 Hr)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1830							Called out - Ready Now
	1930							On Location - Rig Circulating
	2000							Setup Co. Truck
	2005							Safety Meeting
	2030							Stand Back D.P
	2120							Run 8 5/8 casing ORIGINAL
	2213							Pipe on Bottom
	2217							Hook up circulating IRON
	2219							BREAK Circulation
	2230							Wash Down Pipe
	2314							Hook IRON up to CEMENT
	2316	7	44			200		Mix 120 SKS LEAD CEMENT AT 12.3 APG
	2323	6	35.2			200		Mix 150 SKS Tail CEMENT AT 14.8 APG
	2330							Shut Down
	2331	6	34			200		Drop Plug & Displace CEMENT
	2336	6				300		CEMENT to Surface
	2339	3/6				300 / 1000		Plug Down - Float Held
								Job Complete
								Cement Circulated to Pit
								19 Bbl - 51 SKS
								RELEASED
								MAR 14 1996
								FROM CONFIDENTIAL
								Plug Landing PSE - 300 PSE
								Bump to 1000 PSE
								THANKS FOR CALLING
								Halliburton
								WES & CREW

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STATE CORPORATION COMMISSION
JAN 09 1995
COUNCIL VATION DIVISION
WICHITA, KANSAS



JOB SUMMARY

HALLIBURTON DIVISION Mid CONTINENTAL Area
 HALLIBURTON LOCATION Liberal

BILLED ON TICKET NO. 635417

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY Seward STATE Ks.

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MOD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

CONFIDENTIAL

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>U</u>	<u>14.0</u>	<u>5 1/2</u>	<u>KB</u>	<u>3160</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>5W</u>	<u>1</u>	<u>HOWCO</u>
HEAD		
PACKER		
OTHER		

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-14</u> TIME <u>20.00</u>	DATE <u>10-14</u> TIME <u>23.00</u>	DATE <u>10-15</u> TIME <u>1108</u>	DATE <u>10-15</u> TIME <u>1136</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Woodrow</u> <u>62573</u>	<u>40048</u>	<u>Liberal</u>
<u>T. Davis</u> <u>E4550</u>	<u>52276</u> <u>76900 APC</u>	<u>' ' '</u>
<u>G. McIntyre</u> <u>G-3755</u>	<u>3626</u> <u>5302 Pult</u>	<u>Hugoton</u>

RELEASED

MAR 14 1996

FROM CONFIDENTIAL

DEPARTMENT Cement
 DESCRIPTION OF JOB Cement 5 1/2 prod. CSG.

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE Xanthus
 HALLIBURTON OPERATOR _____ COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>190</u>	<u>Premium 50/50 P02</u>	<u>B</u>	<u>1090 salt, 12.5 Hgilsonite 3/4% CFC3</u>	<u>1.59</u>	<u>13.4</u>	

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 34 REASON Shoe Joint

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 76.2
 CEMENT SLURRY (BBL.-GAL.) 50.97
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

JAN 09 1995

RECEIVED
 STATE CORPORATION COMMISSION
 CONSERVATION DIVISION
 WASHINGTON, KANSAS

CUSTOMER Elder & Vaughn
 LEASE AGH
 WELL NO. 1-10
 JOB TYPE 5 1/2 Prod. CSG
 DATE 10-14-94



HALLIBURTON

ORIGINAL

DATE 10-14-94 PAGE NO. 1

JOB LOG HAL-2013-C

CUSTOMER FIDER & VAUGHAN WELL NO. 1-10 LEASE AGA JOB TYPE 5 1/2 LONG STRING TICKET NO. 635417

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2400							JOB READY
	2000							CALLED OUT FOR JOB
	2300							CONFIDENTIAL PUMP TRUCK ON LOCATION RIG HAS DRILL PIPE IN DERRICK HAVE LOST CIRCULATION / WAITING ON MUD TRUCK TO MIX UP MUD TO GET CIRCULATION BACK
	0100	10-15-94						TRIP BACK IN WITH D.P.
	0230							CIRCULATE ON BOTTOM,
	0400							START LAYING DOWN D.P.
	0715							START RUNNING 5 1/2 CSG + FLT EQUIP
								RELEASED CANT GET THROUGH GLORIA, MAR 4 1996
	0830							HOOK UP + CIRCULATE 2 JTS DOWN
	0930							FINISH RUNNING CSG TO BOTTOM 3160'
	1025							FROM CONFIDENTIAL CASING ON BOTTOM 3160'
	1030							HOOK UP 5 1/2 PIG + CIRCULATING IRON
	1035							START CIRCULATING WITH RIG PUMP
	1105							THROUGH CIRCULATING
	1106							HOOK UP TO PUMP TRUCK
	1108	7.0					250'	START MIXING GEMENT
	1113		51.0					THROUGH MIXING GEMENT
	1114						0'	SHUT DOWN / WASH UP PUMP TRUCK
	1114							RELEASE PLUG
	1114	7.0					150'	START DISPLACING
			78.0				1200'	PLUG DOWN
								RELEASE FLOAT
								FLOAT HELD
								THANK YOU!
								WOODY, TYCK + GARY

RECEIVED STATE CORPORATION COMMISSION JAN 05 1995 WICHITA, KANSAS