

CONFIDENTIAL

SIDE ONE

ORIGINAL

FORM MUST BE TYPED

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE
7457

Operator: License # _____

Name: ELDER & VAUGHN, INC.

Address P. O. BOX 18938

City/State/Zip OKLAHOMA CITY, OK 73154

Purchaser: CIBOLA, INC.

Operator Contact Person: JACK H. VAUGHN

Phone (405) 842-8877

Contractor: Name: CHEYENNE DRILLING, INC.

License: 5382

Wellsite Geologist: DON HUBER

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/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

9/29/94 10/2/94 10/11/94
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21426-0000

County SEWARD

C SW SE Sec. 15 Twp. 33S Rge. 32 E
W

660 Feet from S/N (circle one) Line of Section

1980 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 FARM CREDIT BANK Well # 1-15

Field Name ARKALON

Producing Formation CHASE GROUP U & L KRIDER LS

Elevation: Ground 2710' KB 2721'

Total Depth 3175' PBTD 3137'

Amount of Surface Pipe Set and Cemented at 550 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 cat.

Drilling Fluid Management Plan ALT 1 JH 2-6-96
(Data must be collected from the Reserve Pit)

Chloride content 23000 ppm Fluid volume 1200 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

RELEASED

Operator Name _____

Lease Name _____ License No. 1006

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ 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 1-4-95

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

Notary Public _____

Date Commission Expires 1/16/98

RECEIVED
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)

SIDE TWO

Operator Name ELDER & VAUGHN, INC.

Lease Name FARM CREDIT BANK

Well # 1-15

Sec. 15 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:

Halliburton: Dual Induction
Halliburton: Spectral Density, Dual Spaced Neutron II with EVR
Halliburton: Compensated Spectral Natural Gamma
Rosel: Cement Bond Log w/Gamma Ray

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
HERINGTON LS	2510	+211
U. KRIDER LS	2543	+178
L. KRIDER LS	2580	+141
WINFIELD LS	2642	+ 79
WREFORD LS	2877	-156
COUNCIL GROVE	2984	-263

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
SURFACE	12 $\frac{1}{2}$	8-5/8"	23#	550	Howco Prem Plus	270	2% CaCl 4% Flocc
PRODUCTION	7-7/8	5 $\frac{1}{2}$	15.5	3178	Howco Pozmix	175	10% Salt 12 $\frac{1}{2}$ # gilsonite/s .75% CER ²

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
Perforate					
Protect Casing					
Plug Back TD					
Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2	2576-80' (4')	2584-96' (12')	15% HCl Acid, 1000 gals.	2576-96
2	2545-59' (14')		15% HCl Acid, 1000 gals.	2545-59
			All perms fractured w/6400 gals. 15% acid & 176,000SCF Nitrogen	2545-96

TUBING RECORD Size 2-3/8 Set At 2494 Packer At NONE Liner Run Yes No

Date of First, Resumed Production, SMD or Inj. 10/8/94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 0 Bbls. Gas 400 Mcf Water 20 Bbls. Gas-Oil Ratio 20 Gravity 1.1

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 2545-96

CONFIDENTIAL

DRILLERS LOG

ORIGINAL

ELDER & VAUGHN
FARM CREDIT BANK 1-15
SECTION 15-T33S-R32W
SEWARD COUNTY, KANSAS

API#15-175-21426

COMMENCED: 09-29-94
COMPLETED: 10-03-94

SURFACE CASING: 550' OF 8 5/8" CMTD
W/125 SKS PREMIUM PLUS LITE + 2% CC
1/4 #/SK FLOCELE. TAILED IN W/ 150 SKS
CLASS C + 2% CC.

FORMATION	DEPTH
SURFACE HOLE	0 - 552
RED BED	552 - 930
GLORIETTA SANDSTONE	930 - 1130
RED BED	1130 - 1335
RED BED & ANHYDRITE	1335 - 1833
RED BED	1833 - 2547
LIMESTONE & SHALE	2547 - 3175 RTD

RELEASED

MAR 14 1996

FROM CONFIDENTIAL

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

CHEYENNE DRILLING, INC.

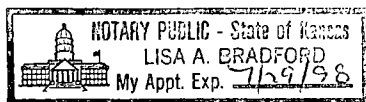
Wray Valentine

WRAY VALENTINE

STATE OF KANSAS : ss:

RECEIVED
STATE CORPORATION COMMISSION

SUBSCRIBED AND SWORN TO BEFORE ME THIS 5TH DAY OF OCTOBER, 1994 **JAN 09 1995**



LISA A. BRADFORD

CONSERVATION DIVISION
WICHITA, KANSAS

Lisa A Bradford

NOTARY PUBLIC

WELL DATA

FIELD _____ SEC. 15 TWP. 33 RNG. 32 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 _____

JOB DATA

NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>U</u>	<u>15.5</u>	<u>5 1/2</u>	<u>K0</u>	<u>3180</u>
LINER					
TUBING					
OPEN HOLE					
PERFORATIONS					
PERFORATIONS					
PERFORATIONS					

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>Insert float</u>	<u>1</u>	<u>Baker</u>
GUIDE SHOE <u>Reg</u>	<u>1</u>	<u>Baker</u>
CENTRALIZERS	<u>6</u>	<u>11</u>
BOTTOM PLUG		
TOP PLUG		
HEAD <u>5W PC</u>	<u>1</u>	<u>Howe</u>
PACKER		
OTHER <u>Scratchers</u>	<u>10</u>	<u>Baker</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API

DISPL. FLUID _____ DENSITY _____ LB./GAL. °API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

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 _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>O Nicholas</u>	<u>40078</u>	<u>Liberal</u>
<u>H Tedder</u>	<u>50404</u>	<u>11</u>
<u>G McIntyre</u>	<u>3626</u>	<u>Hugoton</u>
<u>G 3755</u>	<u>5302</u>	

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MAR 14 1996

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FROM CONFIDENTIAL

DEPARTMENT Cement

DESCRIPTION OF JOB 5 1/2 Long String

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

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>175</u>	<u>50/50 A02 H</u>			<u>10% Salt 125# Gilsomite 4% Fr2</u>	<u>1.56</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 26 REASON Insert float

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____

LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 75

CEMENT SLURRY: BBL.-GAL. _____

TOTAL VOLUME: BBL.-GAL. _____

REMARKS

float held

RECEIVED STATE CORPORATION COMMISSION

JAN 09 1995

OKLAHOMA DIVISION

CUSTOMER Elder a Vaughn

LEASE Farm Credit Bank

WELL NO. 1-15

JOB TYPE 5 1/2 Long String

DATE 10-3-94



HALLIBURTON

CONFIDENTIAL

DATE 10-3-94 PAGE NO.

JOB LOG HAL-2013-C

CUSTOMER Elder Vaughn WELL NO. 1-15 LEASE Farm Credit Bank JOB TYPE 5 1/2 Long string TICKET NO. 635626

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0030							Called out
	0230							on location ORIGINAL Safety Meeting Rig up
								Run pipe
	0700							Drop Ball
	0705							Circulate with Rig pump
	0732							Hook up cement line
	0735	6	48.6		✓	200		START cement
	0746	6	6					Wash up Truck
	0749							Release Plug
	0750	6	75			0/600		Displace Plug
	0806	1				600/1200		Land Plug
	0808					0		Release psi Check float OK
								Good circulation

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MAR 14 1996

FROM CONFIDENTIAL

RECEIVED STATE CORPORATION COMMISSION

JAN 09 1995

CONSERVATION DIVISION WICHITA, KANSAS

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 _____ MUD WT _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	23	8 7/8	KB	552	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

CONFIDENTIAL

ORIGINAL

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-29-94</u> TIME <u>1845</u>	DATE <u>9-29-94</u> TIME <u>2030</u>	DATE <u>9-29-94</u> TIME <u>2345</u>	DATE <u>9-30-94</u> TIME <u>2225</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>AUTO Fill</u>	<u>1</u>	<u>H</u>
FLOAT SHOE <u>Insert float</u>	<u>1</u>	<u>H</u>
GUIDE SHOE <u>Reg</u>	<u>1</u>	<u>O</u>
CENTRALIZERS <u>4</u>	<u>2</u>	<u>W</u>
BOTTOM PLUG		
TOP PLUG <u>5W</u>	<u>1</u>	<u>C</u>
HEAD <u>PC</u>	<u>1</u>	<u>O</u>
PACKER		
OTHER <u>weld A</u>	<u>1</u>	

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>O Nicholas</u> <u>41525</u>	<u>70078</u>	<u>Liberal</u>
<u>W Fox</u> <u>D4437</u>	<u>50404</u> <u>7131</u>	<u>11</u>
<u>M Howe</u> <u>F7343</u>	<u>51984</u> <u>6611</u>	<u>Hugoton</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API

DISPL. FLUID _____ DENSITY _____ LB/GAL. °API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN.

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 _____

RELEASED

MAR 14 1996

FROM CONFIDENTIAL

DEPARTMENT Cement

DESCRIPTION OF JOB 8 7/8 Surface

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

CUSTOMER REPRESENTATIVE Xam [Signature]

HALLIBURTON OPERATOR Orville Nicholas COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>125</u>	<u>Prom plus lite</u>			<u>2% CC 1/4" Floccle</u>	<u>2.06</u>	<u>12.3</u>
	<u>150</u>	<u>Prom plus</u>			<u>2% CC</u>	<u>1.32</u>	<u>14.8</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 45.8 DATE 3-5-92

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS JAN 03 1995

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 42 REASON Insert float

RECEIVED
OPERATION
DISPATCH
MISSOURI
KANSAS

CUSTOMER Elder & Vaughn

LEASE Farm Credit Bank

WELL NO. 1-15

JOB TYPE 8 7/8 Surface

DATE 9-29-94



9-29-30

JOB LOG HAL-2013-C

CUSTOMER Elder & Vaughn	WELL NO. 1-15	LEASE Farm credit Bank	JOB TYPE 8 3/8 Surface	TICKET NO. 635200
----------------------------	------------------	---------------------------	---------------------------	----------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1845							Called out
	2030							on Location safety meeting Rig up
								ORIGINAL
								Run pipe
	2340							Drop Ball
	2345							Circulate with Rig Pump
	2358							Hook up cement line
	2400	6	458			150		START Lead cement
	2412	6	35.2			150		START Tail cement
	2417							Release Plug
	2418	6	32.5			100 150		Displace Plug
	2425	1				800		Land Plug
								Release psi check float OK
								Circulated 6 bbl cement

RELEASED

MAY 14 1996

FROM CONFIDENTIAL