

ORIGINAL

FORM MUST BE TYPED

CONFIDENTIAL

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 # 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: NONE

Designate Type of Completion
 New Well Re-Entry Workover

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

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

Operator: RAW ENERGY OF KANSAS

Well Name: ARKALON #2-22

Comp. Date 5-15-85 Old Total Depth 6208

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back 3063 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

10-16-94 10-16-94 10-28-94

spud Date OF REENTRY Date Reached TD _____ Completion Date _____

API NO. 15- 175-20849-00-02

County SEWARD

C - NW - SE Sec. 22 Twp. 33S Rge. 32 ^E _W

1980 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 ARKALON Well # 2-22

Field Name UNDESIGNATED

Producing Formation CHASE GROUP U & L KRIDER LS

Elevation: Ground 2437 KB 2649

Total Depth 3151 PBDT 3112

Amount of Surface Pipe Set and Cemented at 1431 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 REENTRY JH 1-31-96
(Data must be collected from the Reserve Pit)

Chloride content 41000 ppm Fluid volume 300 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name RELEASED

Lease Name _____ License No. _____

MAR 14 1996
Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County FROM CONFIDENTIAL 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 _____

Title VICE PRESIDENT Date 01-04-95

Subscribed and sworn to before me this 04th day of JANUARY

Notary Public Carolyn Orrey

Date Commission Expires 1-16-98

RECEIVED
STATE CORPORATION COMMISSION
JAN 09 1995

OFFICE USE ONLY
F Letter of Confidentiality Attached
G 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 ARKALON

Well # 2-22

Sec. 22 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.)

Log Sample
Formation (Top), Depth and Datums
Name Top Datum

List All E.Logs Run:

Rosel Comp. GR Neutron
Rosel Cement Bond Log

CASING RECORD <input type="checkbox"/> New <input checked="" 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
PRODUCTION	7-7/8"	5 1/2"	14-15.5#	3100	POZMIX	180	10% Salt 12 1/2# Gilsonite/SK 0.75% CFR ²

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth	Type of Cement	#Sacks Used	Type and Percent Additives
	Top Bottom			
<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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
2	2520-23 (3') and 2526-36 (10')	1000 gal 15% HCl 2520-36'
2	2488-2500' (12')	1000 gal 15% HCl 2488-2500'

TUBING RECORD Size 2-3/8" Set At 2474' Packer At --- Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil -0- Bbls. Gas 250 Mcf Water 20 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
2488-2536'



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

11/16/94
Liberal, Ks

BILLED ON TICKET NO. 635757

WELL DATA

FIELD _____ RING _____ COUNTY Seward STATE Ks

FORMATION NAME _____ **CONFIDENTIAL**

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		155/14	5 1/2	KB	3023	90
LINER						
TUBING						
OPEN HOLE					3000'	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
5 1/2"		
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		Waco
PACKER		
OTHER		

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 10-16	DATE 10-16	DATE 10-16	DATE 10-16
TIME 1100	TIME 1415	TIME 1645	TIME 1805

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
D. Garcia	40075	Liberal Ks
R. Elwood	59179	"
D. H. 360	7849	"
J. Adair	4673 / 4515	Horton Ks
63813		

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

Jan 14 1996

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.
	180	50/60 Pz			10% SALT 12% #6 Lignite 3/4% LFRZ	1.55	13.8

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 310 REASON slow start

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. _____

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

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 71.75

CEMENT SLURRY: BBL.-GAL. 492

TOTAL VOLUME: BBL.-GAL. _____

RECEIVED
STATE CORPORATION COMMISSION
JAN 09 1995

REMARKS DIVISION
CONSERVATION
WICHITA, KANSAS

CUSTOMER: Felder & Vaughan Lease
LEASE: Wakarusa
WELL NO.: 2-22
JOB TYPE: 5 1/2 Prod String
DATE: 10-16-94

JOB LOG HAL-2013-C

CUSTOMER: Elders Vaughn WELL NO.: 2-22 LEASE: Arkalon JOB TYPE: 5 1/2 Prod String TICKET NO.: 635757

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

	1100							Time Collected
	1500							Time Ready
	1415							Time on loc.

RELEASED

MAR 14 1996

	1510							Start Pumping Casing
	1645							Casing in Hole

FROM CONFIDENTIAL

	1648							Hookup To Create Casing 23 FT
	1700							Create Casing w/ 1200 Pump
	1707							Create Mud To Ground Level

	1735							Hookup To Pump Truck
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	1739	5.4					350	Start Mixing Cement
	1748		49.68				200	Finish Mixing Cement
	1749						200%	Start Pumping Drop Plug wash Pumps & Lines

	1752	6					150	Start Displacement
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	1805	5.2	71.75				450/1200	Plug Down Flot Held. Create Field Thru out JOB
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Thanks For Calling Halliburton
Energy Services
Dance Crew