

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

ORIGINAL

API NO. 15- 175-21,222-00-00

County Seward

SW NE SE Sec. 28 Twp. 33S Rge. 33 E
32 X W

Operator: License # 7475

Name: Elder & Vaughn

Address P. O. Box 18938

City/State/Zip Oklahoma City, OK 73154

Purchaser: Centana Energy Corporation

Operator Contact Person: Jack H. Vaughn

Phone (405) 842-8877

Contractor: Name: H-40 Drilling, Inc.

License: 30692

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. _____

11-15-91 11-17-91 4-9-92
Spud Date Date Reached TD Completion Date

1650' Feet from (S/N) (circle one) Line of Section

990' 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 # 1-28

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2608' KB 2620'

Total Depth 2669' PBTD 2554'

Amount of Surface Pipe Set and Cemented at 643' 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
(Data must be collected from the Reserve Pit)

Chloride content 25,500 ppm Fluid volume 590 bbls

Dewatering method used Evaporation

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: [Signature]

Partner Date 6/12/92

Subscribed and sworn to before me this 12th day of June

Notary Public: [Signature]

Date Commission Expires 1-16-94

RECEIVED
K.C.C. OFFICE USE ONLY
F _____ Letter of Confidentiality Attached
C Wireline Log Received
C _____ Geologist Report Received
Distribution: KCC SWD/Rep Plug Other
 KGS
JUN 17 1992
6-17-92
Wichita, Kansas
(Specify)

SIDE TWO

Operator Name Elder & Vaughn Lease Name Arkalon Well # 1-28
 Sec. 28 Twp. 33S Rge. 32 East County Seward
 West

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Red Bed and Sand	0	1,150'
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Shale	1,150'	2,010'
List All E.Logs Run:		Shale and Lime	2,010'	2,669'
		Rotary Total Depth		2,669'

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	12-1/4"	8-5/8"	24#	643'	Lite Wt.	150	2% cc
					Class c	150	2% cc
Production	7-7/8"	4-1/2"	9.5#	2652'	60-40 Poz	150	10% salt 12.5# Gilsonite/sk

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 checked="" type="checkbox"/> Plug Off Zone	2444-2526	Class H Common	85	50 sks contained Halade 322

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
2	2512'-26', 2474'-84' & 2444'-47'	2750 gals 15% acid breakdown w/15,000 gals Qual 60 Foam. Squeeze all perms w/85 sks regular.	Acidize
2	2474'-84'	500 gals 15% acid-treated w/9000 gals Qual 60 Foam/Acid	
2	2510'-14'	No treatment (Communicated)	

TUBING RECORD Size 2-3/8" EVE Set At 2473" Packer At NONE Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 5/7/92 Producing Method Flowing Pumping Gas Lift Other (Explain) First Gas Sales

Estimated Production Per 24 Hours	Oil <u>-0-</u>	Bbls.	Gas	Mcf <u>80</u>	Water	Bbls. <u>25</u>	Gas-Oil Ratio	Gravity
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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 2474'
2514'

ORIGINAL



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
186595	11/15/199

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
ARKALON 1-28		SEWARD		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		H-40 DRILLING		CEMENT SURFACE CASING		11/15/199
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
270700	JOHN V. SCHLENZ			COMPANY TRUCK	2583	

ELDER & VAUGHN
BOX 18938
OKLAHOMA CITY, OK 73154

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	23	MI	2.60	59.80
		1	UNT		
001-016	CEMENTING CASING	646	FT	680.00	680.00
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	8 5/8	IN	130.00	130.00
		1	EA		
12A	GUIDE SHOE - 8 5/8" 8RD THD.	1	EA	216.00	216.00
825.217					
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00
815.19502					
27	FILL-UP UNIT 7"- 8 5/8"	1	EA	30.00	30.00
815.19415					
40	CENTRALIZER 8-5/8" MODEL S-4	2	EA	62.00	124.00
807.93059					
350	HALLIBURTON WELD-A	1	LB	11.50	11.50
890.10802					
504-050	PREMIUM PLUS CEMENT	150	SK	7.08	1,062.00
504-120	HALL. LIGHT -PREMIUM PLUS	150	SK	6.63	994.50
507-210	FLOCELE	75	LB	1.30	97.50
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	26.25	131.25
500-207	BULK SERVICE CHARGE	315	CFT	1.15	362.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	567.50	TMI	.80	454.00
INVOICE SUBTOTAL					4,523.80
DISCOUNT-(BID)					1,357.13-
INVOICE BID AMOUNT					3,166.67
*-KANSAS STATE SALES TAX					112.58
*-SEWARD COUNTY SALES TAX					26.49
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,305.74

OK
11/25/91
1-28
Auk
RECEIVED
STATE CORPORATION COMMISSION

APR 23 1992

ORIGINAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046



HALLIBURTON SERVICES

A Halliburton Company

ORIGINAL

INVOICE

INVOICE NO:	DATE:
186882	11/18/1999

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
ARKALON 1-28		SEWARD		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	H-40 DRILLING	CEMENT PRODUCTION CASING		11/18/1999	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
270700	JACK H. VAUGHN			COMPANY TRUCK	2583

ELDER & VAUGHN
BOX 18938
OKLAHOMA CITY, OK 73154

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210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	13	MI	2.60	33.80
		1	UNT		
001-016	CEMENTING CASING	2652	FT	1,130.00	1,130.00
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	4 1/2	IN	35.00	35.00
		1	EA		
504-043	PREMIUM CEMENT	75	SK	6.85	513.75
506-105	POZMIX A	75	SK	4.32	324.00
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
507-145	CFR-2	95	LB	3.85	365.75
508-291	GILSONITE BULK	1875	LB	.35	656.25
509-968	SALT	800	LB	.10	80.00
500-207	BULK SERVICE CHARGE	200	CFT	1.15	230.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	312.4	TMI	.80	249.92
INVOICE SUBTOTAL					3,618.47
DISCOUNT-(BID)					904.60-
INVOICE BID AMOUNT					2,713.87
*-KANSAS STATE SALES TAX					75.71
*-SEWARD COUNTY SALES TAX					17.80
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,807.38

OK
H
11/25/91
Ask 1-28
(Comp)

RECEIVED
STATE CORPORATION COMMISSION

TERMS: INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UNLESS CUSTOMER AGREES TO PAY BY THE LAST DAY OF THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST AT OUR HIGHEST RATE APPLICABLE TO SUCH DEBT.

APR 25 1992

CONSERVATION DIVISION
Wichita, Kansas