

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

175-214460000

ORIGINAL

Operator: License # 7457

Name: ELDER & VAUGHN, INC.

Address P. O. BOX 18938

City/State/Zip OKLAHOMA CITY, OK 73154

Purchaser: CIBOLA CORPORATION

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 SIDW 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 _____ PBDT
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj?) Docket No. _____

4-1-95 4-4-95 4-21-95
Spud Date Date Reached TD Completion Date

API NO. 15- 175-214460000
County SEWARD

1980 Feet from S/N (circle one) Line of Section
660 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 ALEXANDER Well # 1-14

Field Name ARKALON

Producing Formation CHASE UPPER&LOWER KRIDER LS.

Elevation: Ground 2757 KB 2769

Total Depth 3175' PBDT 3115'

Amount of Surface Pipe Set and Cemented at 571' 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 cmt.

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

Chloride content 45,000 ppm Fluid volume _____ 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 _____

Title VICE-PRESIDENT Date 6-26-95

Subscribed and sworn to before me this 26th day of June

Notary Public _____

Date Commission Expires 1/16/98

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
G Wireline Log Received
H Geologist Report Received
RECEIVED STATE CORPORATION COMMISSION
JUN 28 1995
Distribution
KCC _____ SWD/Rep _____ NGPA
KGS _____ Plug _____ Other (Specify)

Operator Name ELDER & VAUGHN, INC. Lease Name ALEXANDER Well # 1-14

Sec. 14 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 -
 LATEROLOG (571 - 3172')
 COMPENSATED DENSITY
 NEUTRON LOG (2500 - 3170')

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
HERINGTON LS	2592	+177
UPPER KRIDER LS	2624	+145
LOWER KRIDER ES	2664	+105
WINFIELD LS	2716	+ 53
WREFORD LS	2960	-191
COUNCIL GROVE ZONE 1	3064	-295

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 1/2"	8-5/8"	23	571	premium plus	300	2% cc & 1/4#/sk flocele
PRODUCTION	7-7/8"	5 1/2"	15.5	3165	Pozmix	190	10% salt, 12.5% gilsonite/sk 0.75% CFR-3

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
2	2665-75	1000 gals 15% HCl	2665-75
2	2627-33	1000 gals 15% HCl	2627-33

TUBING RECORD Size 2-3/8 Set At 2585 Packer At --- Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 4/21/95 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil -0- Bbls. Gas 450 Mcf Water 3 Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACD-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval 2665-75
2627-33

CUSTOMER COPY



HALLIBURTON

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

INVOICE

INVOICE NO.	DATE
706664	04/01/11

WELL/LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
ALEXANDER 1-14		SEWARD		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		CHEYENNE	CEMENT SURFACE CASING		04/01/11
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
270700	DENNIS WILSON			COMPANY TRUCK	88

ELDER & VAUGHN
BOX 18938
OKLAHOMA CITY, OK 73154

WellFile

DIRECT CORRESPONDENCE TO:
P.O. BOX 1598
LIBERAL, KS 67905-0000

ORIGINAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	40	MI	2.75	110.00
		1	UNT		
001-016	CEMENTING CASING	575	FT	890.00	890.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	8	5/8 IN	130.00	130.00
		1	EA		
14A	CASING SHCE - 8 5/8" BRD THD.	1	EA	161.00	161.00
830.2171					
24A	INSERT FLOAT VALVE - 8 5/8" BRD	1	EA	171.00	171.00
915.19502					
27	FILL-UP UNIT 7" - 8 5/8"	1	EA	55.00	55.00
815.19415					
40	CENTRALIZER - 8-5/8 X 12-1/4	3	EA	65.00	195.00
806.61048					
350	HALLIBURTON WELD-A	1	EA	14.50	14.50
890.10802					
504-050	CEMENT - PREMIUM PLUS	150	SK	11.19	1,678.50
504-120	CEMENT - HALL. LIGHT PREM PLUS	150	SK	10.02	1,503.00
507-210	FLOCELE	75	LB	1.65	123.75
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	36.75	183.75
500-207	BULK SERVICE CHARGE	315	CFT	1.35	425.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	497.14	TMI	.95	472.28

INVOICE SUBTOTAL

6,113.00

DISCOUNT-(BID)

2,092.29

INVOICE BID AMOUNT

4,020.74

*-KANSAS STATE SALES TAX

158.81

*-LIBERAL CITY SALES TAX

32.41

*-SEWARD COUNTY SALES TAX

32.41

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

\$4,244.37

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 30% of the unpaid account, plus all collection and court costs.



JOB SUMMARY

HALLIBURTON DIVISION Mid-Continent
 HALLIBURTON LOCATION Liberal

BILLED ON TICKET NO. 706664

WELL DATA

FIELD _____ SEC. 14 TWP. 33S RNG. 32W COUNTY SEWARD STATE KANSAS

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	<u>N</u>	<u>24</u>	<u>8 7/8</u>	<u>0</u>	<u>575</u>	
LINER						
TUBING						
OPEN HOLE	ORIGINAL					SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-1-95</u>	DATE <u>4-1-95</u>	DATE <u>4-2-55</u>	DATE <u>4-2-55</u>
TIME <u>19:00</u>	TIME <u>21:30</u>	TIME <u>03:00</u>	TIME <u>03:30</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>1 in 8 7/8</u>	<u>1</u>	<u>HALL:5</u>
CENTRALIZERS <u>5.4 8 7/8</u>	<u>3</u>	
BOTTOM PLUG		
TOP PLUG <u>5W 8 7/8</u>	<u>1</u>	
HEAD		
PACKER		
OTHER <u>Insert 111</u>	<u>1</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>K. Boone</u> <u>47841</u>	<u>40076</u>	<u>Liberal</u>
<u>W. Fox</u> <u>D4437</u>	<u>52803</u>	<u>"</u>
<u>J. Adair</u> <u>6 382</u>	<u>4461</u>	<u>Hugoton</u>
	<u>7649</u>	

DEPARTMENT Cement
 DESCRIPTION OF JOB Cement 575' of 8 7/8 casing
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X Donna Wilson
 HALLIBURTON OPERATOR K. Boone COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>150</u>	<u>HLW</u>	<u>PT</u>	<u>6</u>	<u>2 1/2 gal, 1/4 # Flocc</u>	<u>1.84</u>	<u>12.4</u>
	<u>150</u>	<u>PT</u>		<u>6</u>	<u>2 1/2 gal, 1/4 # Flocc</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 _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 44 REASON Shoe Joint

SUMMARY

PRESLUSH: BBL.-GAL. 10 TYPE HLW
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 33.7
 CEMENT SLURRY: BBL.-GAL. 49 35
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

S.R. 35 sk

CUSTOMER ELDER F. VAUGHN
 LEASE Alexander
 WELL NO. 1-14
 JOB TYPE 8 7/8 surface
 DATE 4-1-95



JOB LOG HAL-2013-C

CUSTOMER Elder & Vaughn	WELL NO. 1-14	LEASE Alexander	JOB TYPE 8 3/8 Surface	TICKET NO. 706664
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

	19:06							called out
	21:30							on loc. Safety Meeting
								ORIGINAL
	03:00	5	10				250	Pump flu
	03:03	5	49				250	mix Lead cement
	03:12	5	35				250	mix Tail cement
	03:19							Release plug
	03:20							start displacement
	03:26	5	33				800	plug down
	03:28							ok fit ok ok 35 sk

Time on Location
7 hrs.

Job Time - 30 min.

CUSTOMER COPY

INVOICE



HALLIBURTON

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

AL

INVOICE NO.	DATE
706790	04/05/1997

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
ALEXANDER HEIRS 1-14		SEWARD		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	CHEYENNE	CEMENT PRODUCTION CASING		04/05/1997	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
270700	DENNIS WILSON			COMPANY TRUCK	8844

ELDER & VAUGHN
BOX 15928
OKLAHOMA CITY, OK 73154

Well File

DIRECT CORRESPONDENCE TO:
P.O. BOX 1598
LIBERAL, KS 67905-0000

ORIGINAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	50	MI	2.75	137.50
		1	UNT		
001-016	CEMENTING CASING	3167	FT	1,500.00	1,500.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	5	1/2 IN	65.00	65.00
		1	EA		
504-131	CEMENT - 50/50 POZMIX PREMIUM	190	SK	8.32	1,580.80
507-153	CFR-3	120	LB	4.85	582.00
508-291	GILSONITE BULK	2375	LB	.40	950.00
509-965	SALT	986	LB	.15	147.90
500-207	BULK SERVICE CHARGE	252	CFT	1.35	340.20
500-306	MILEAGE CMTG MAT DEL OR RETURN	345.8175	THI	.95	328.53

INVOICE SUBTOTAL

5,691.93

DISCOUNT-(BID)

1,699.57-

INVOICE BID AMOUNT

3,942.36

- *--KANSAS STATE SALES TAX
- *--LIBERAL CITY SALES TAX
- *--SEWARD COUNTY SALES TAX

131.94
26.93
26.93

RECEIVED
STATE CORPORATION COMMISSION

JAN 09 1996

INVOICE TOTAL - PLEASE PAY THIS AMOUNT ***** \$4,128.16

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mid Cont
Liberal KS

BILLED ON TICKET NO. 706790

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	<u>U</u>	<u>15.5</u>	<u>5 1/2</u>	<u>KB</u>	<u>31/7</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-4-95</u> TIME <u>2:00</u>	DATE <u>4-4-95</u> TIME <u>2:30</u>	DATE <u>4-5-95</u> TIME <u>07:00</u>	DATE <u>4-5-95</u> TIME <u>07:35</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>41525</u>	<u>40075</u>	<u>Liberal</u>
<u>D Carr</u> <u>59179</u>	<u>52938</u> <u>7/31</u>	
<u>J Frost</u> <u>69775</u>	<u>4673</u> <u>6611</u>	<u>Hugoton</u>

ORIGINAL

DEPARTMENT Cement
DESCRIPTION OF JOB 5 1/2 Longstring
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
CUSTOMER REPRESENTATIVE X Dennis Wilson
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>170</u>	<u>50/1002</u>			<u>10% Soft 12 1/2 # Gilsonite 3/4% CR3</u>	<u>1.54</u>	<u>13.9</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 31.61 REASON Shoe joint

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 74.6
CEMENT SLURRY: BBL.-GAL. 52.1
TOTAL VOLUME: BBL.-GAL. _____

REMARKS

Left mss'd sheets in doghouse with Dennis Wilson

CUSTOMER Allen & Vaughan LEASE Alexander Adams WELL NO. 1-14 JOB TYPE 5 1/2 Longstring DATE 4-5-95

JOB LOG HAL-2013-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Elder & Vaughn		1-14		Alexander Hines		5th Longsting		706790	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	2100							Called out for 2400	
	2300							on location	
								Rig up	
								safety meeting	
	0030							Lay down Drillpipe	
	0400							Run casing	
	0625							Hook up and circulate with rig pump while reciprocating pipe	
	0700							Hook up cement line	
	0705	3	10				250	start gel spacer	
	0708	6	521				200	start cement	
	0716							Wash up truck	
	0719							Release plug	
	0720	6	746				1000/550	Displace plug	
	0734	1					2000	Land plug	
	0735						2000	Release psi check float ok	
								Reciprocating through out job	

ORIGINAL