

ORIGINAL

15-065-22672-00-00

FORM MUST BE TYPED

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 # 9860

Name: Castle Resources Inc.

Address 1200 E. 27, Suite C

City/State/Zip Hays, KS 67601-2120

Purchaser: _____

Operator Contact Person: Jerry Green

Phone (913) 625-5155

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Mike Davignon

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 PSTD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

4/2/92 4/8/92 4/20/92

Spud Date Date Reached TD Completion Date

API NO. 15- 065-22,672

County Graham

SW SW NW Sec. 2 Twp. 10s Rge. 21 E

2970 Feet from S (circle one) Line of Section

4950 Feet from E (circle one) Line of Section

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

Lease Name Noah Well # 1

Field Name _____

Producing Formation Arbuckle

Elevation: Ground 2259 KB 2264

Total Depth 3807 (Rig) 3801 (Log) PSTD _____

Amount of Surface Pipe Set and Cemented at 204 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from TD

feet depth to Surface w/ 410 sx cnt.

Drilling Fluid Management Plan ALT 2 9/17/92

(Data must be collected from the Reserve Pit)

Chloride content 18,000 ppm Fluid volume 300 bbls

Dewatering method used Allowed to dry - backfill

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 Gabe D. W. Farland

Title Chief Operating Officer Date 7/28/92

Subscribed and sworn to before me this 28 day of July, 19 92.

Notary Public Chris Schumacher

Date Commission Expires 5-8-96

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Log Received
Geologist Report Received
Distribution
KCC _____ SWD/Rep _____ NGPA
KCS _____ Plug _____ Other _____
CONSERVATION DIVISION
Wichita, Kansas
(Specify)

Form ACO-1 (7-91)



SIDE TMD

Operator Name Castle Resources Inc. Lease Name Noah Well # 1

Sec. 2 Twp. 10s Rge. 21 East West
 County Graham

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1744	+ 520
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3248	- 984
List All E. Logs Run: Radiation guard, Compensated density, & Correlation seismic spectrum		Heebner	3456	-1192
		Lansing-KC	3494	-1230
		B-KC	3719	-1455
		Arbuckle	3790	-1526
		TD	3801	-1537

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
Surface	12 1/4	8 5/8	20	204	60/40 poz	140	2% gel 3% cc
Production	7 7/8	5 1/2	14	3802	Thixotropic 65/35 poz	410	10% calseal 1% cc 10% gel 7# gilsonite

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
	None	None	

TUBING RECORD	Size 2 7/8	Set At 3803	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First. Resumed Production, SMD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
4/20/92				
Estimated Production Per 24 Hours	Oil Bbls. 20	Gas Mcf	Water Bbls. 45	Gas-Oil Ratio 29

Disposition of Gas:	<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION	<input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	Production Interval	<u>3802-3807</u>
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15-065-22672-00-00

ORIGINAL SWIFT FORMATION TESTERS

1309 VAN FLEET PHONE 793-5177
GREAT BEND, KANSAS

Date April 6, 1992 Test No. 1

Company Castle Resources, Inc

Test Ticket No. 5675 County Graham Lease Noah Well 1

Initial Shut-In - Hr. 30 Min. Tool Open - Hr. 60 Min. Final Shut-In - Hr. 30 Min.

Interval Tested 3520 to 3595 Total Depth 3595

Blow: 4" Blow on 1st open - 6" on 2nd 30 Minutes Initial Flow Period

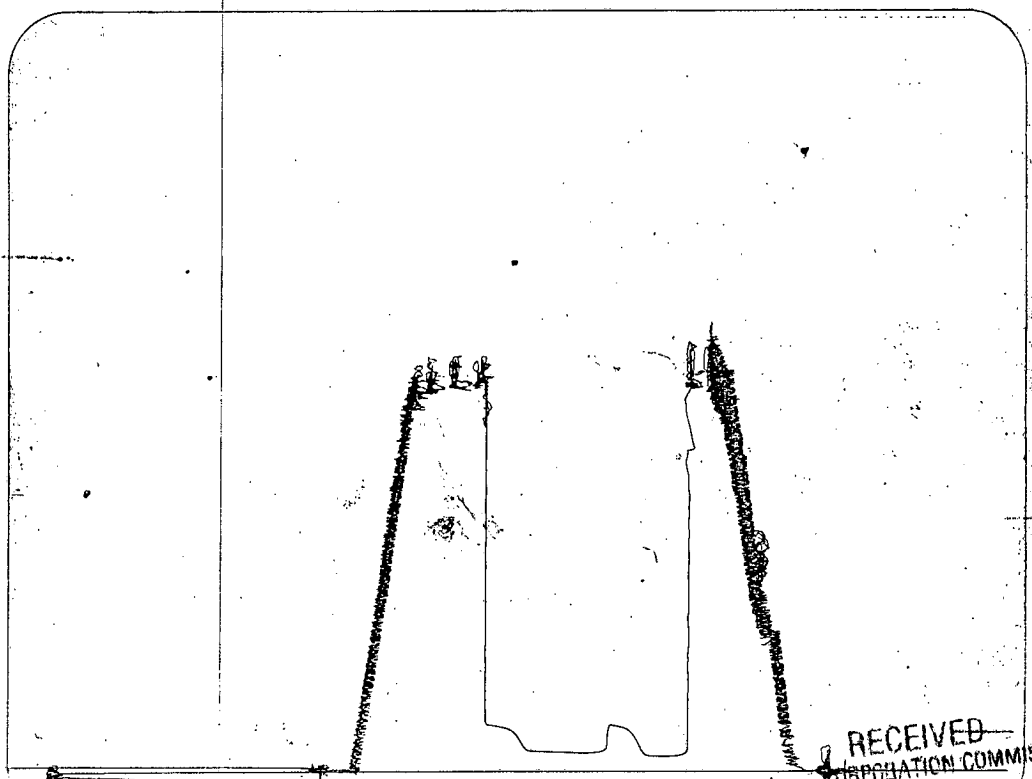
Recovery and Remarks: 60° Oil cut mud

15° Slight oil specked mud

100° Gas above fluid

Initial BHP: 210# Final BHP: 210# Initial FP: 67-76# Final FP: 84-101#

Tester Nelson Call Approved By: Mike Davignon



DST # 1

RECEIVED
CORPORATION COMMISSION
5675
JUL 29 1992
7-29-1992
CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL 15-065-22672-00-00
SWIFT FORMATION TESTERS

1309 VAN FLEET PHONE 793-5177
GREAT BEND, KANSAS

Date April 7, 1992 Test No. 2

Company Castle Resources, Inc

Test Ticket No. 5701 County Graham Lease Noah Well 1

Initial Shut-In - Hr. 30 Min. Tool Open - Hr. 45 Min. Final Shut-In - Hr. 30 Min.

Interval Tested 3785 to 3800 Total Depth 3800

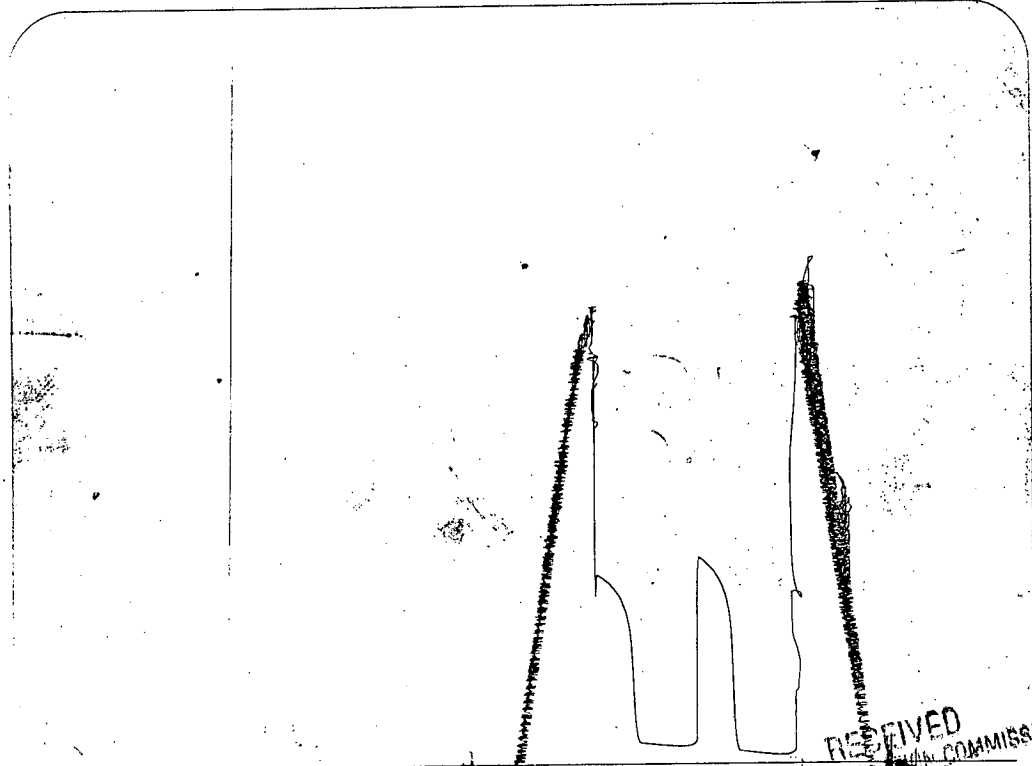
Blow: Weak slowly increasing to good 45 Minutes Initial Flow Period

Recovery and Remarks: 215° Oil

200° Gas above fluid

Initial BHP: 899# Final BHP: 823# Initial FP: 42-59# Final FP: 75-93#

Tester Nelson Call Approved By: Mike Davignon



DST #2

RECEIVED
STATE COMMISSION

JUL 29 1992
7-29-1992
CONSERVATION DIVISION
Wichita, Kansas



ORIGINAL

15-065-22672-00-00

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 194828

DISTRICT Pratt, B. DATE 4-8-72

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Castle Resources (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE Noah SEC. 2 TWP. 10 RANGE 21
FIELD _____ COUNTY Garfield STATE W. OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH 3807 MUD WEIGHT _____
BORE HOLE _____
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		14	5 1/2	RB	3802	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
Cont. 9 1/2" Csg with 260 sk 65-35 Pz 10% Gel, 5" Gilsonite PR
125 sk Throatropic w 7" Gilsonite, 1/4" Flocc, 1/2" CR3, 10% Gel, 1% CC
25 sk Standard
500g-D Mud Flush

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.

b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:

- Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
- Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
- Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.

d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.

f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.

g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND I HEREBY REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED Tony A. Williams CUSTOMER

DATE _____ TIME _____ A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

RECEIVED
CONSERVATION DIVISION
7-29-1992
JUL 29 1992

WELL DATA

FIELD _____ SEC. 2 TWP. 10 RNG. 21 COUNTY Grady STATE P.

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 3807

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		14	5 1/2	NB	3802	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-8-92</u>	DATE <u>4-8-92</u>	DATE <u>4-8-92</u>	DATE <u>4-8-92</u>
TIME <u>17:00</u>	TIME <u>17:00</u>	TIME <u>14:45</u>	TIME

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>Flt Shoe</u>	<u>1</u>	<u>10000</u>
CENTRALIZERS <u>1/4"</u>	<u>2</u>	<u>"</u>
BOTTOM PLUG		
TOP PLUG <u>1/4" 10000</u>	<u>1</u>	<u>"</u>
HEAD		
PACKER <u>1/4"</u>	<u>1</u>	<u>"</u>
OTHER <u>1/4" 10000</u>	<u>4</u>	<u>"</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. [unclear]</u>	<u>0005</u>	<u>New York</u>
<u>R. [unclear]</u>	<u>0011</u>	<u>Great Britain</u>
	<u>0013</u>	<u>"</u>
	<u>0016</u>	<u>"</u>

MATERIALS

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

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

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 _____

DEPARTMENT C. 11

DESCRIPTION OF JOB C. 4 "4" Long String

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE [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>125</u>	<u>Thermostat</u>		<u>B</u>	<u>10% Celcon, 1% Celcon, 4% Thick, 4% Celcon</u>	<u>1.24</u>	<u>12.7</u>
	<u>360</u>	<u>10000</u>		<u>B</u>	<u>10% Celcon, 5% Celcon</u>	<u>2.43</u>	<u>11.1</u>
	<u>25</u>	<u>Standard</u>		<u>B</u>		<u>1.15</u>	<u>12.6</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 15' REASON Shut in

SUMMARY

VOLUMES

PRESLUSH: BBL-GAL 10.1 TYPE 1000

LOAD & BKDN: BBL-GAL _____

TREATMENT: BBL-GAL _____

CEMENT SLURRY: BBL-GAL 145.2

TOTAL VOLUME: BBL-GAL _____

REMARKS See Chart & Job Log

Thermostat

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STATE COMMISSION
CONSERVATION DIVISION
Wichita, Kansas
JUL 29 1992

CUSTOMER [unclear]
LEASE [unclear]
WELL NO. 1
JOB TYPE 10-9 String
DATE 4-8-92

HALLIBURTON SERVICES
JOB LOG

ORIGINAL

WELL NO. 1 LEASE Noah 15-065-22672-00-00
 TICKET NO. 194228
 CUSTOMER Castle Resources PAGE NO. 1
 JOB TYPE Long string DATE 4-8-92

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	12:00							Called out
	14:00							on loc. Rig Laying down J.P.
	14:45							Start 5 1/2" Casing hole
								PKR shoe with Fullup log
	16:25							Drop Ball
	16:41							Break circulation with Rig pump
	16:55							Drop Ball for PKR shoe
	17:05					1000		Set PKR shoe 1000 pit
	17:20	6						Start mixing 200 lb. 65-35 mix
			112.5					Plug Rest hole + Plug Hole
	17:20		55					Start 55" mud spacer
	17:36		12					Start 12" mud flush
	17:50		5.2					Start 25 lb standard
	18:04		27.6					Start 125 lb. Thio topic
	18:15							Finished mixing with pump line
								Release latch down plug
	18:18		93.6					Start Dr. 93.6
	18:33					1100		Plug down 1600 pit holding
	18:35							Release pressure. Plug held
								Circulated 36" over 12 pit 80 lb
								wash & back up 1200K
								Job complete

Thank You
D. J. G.

Troy Williams
Zany Z...
Roy B. ...
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 STATE CORPORATION COMMISSION
 JUL 23 1992
 7-29-1992
 CONSERVATION DIVISION
 Wichita, Kansas

CUSTOMER

