

S

15-063-20375-0001

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
Address RR #1, Box 90
City/State/Zip Hays, KS 67601
Purchaser: Clear Creek
Operator Contact Person: Jerry Green
Phone (913) -625-5155

Contractor: Name: Emphasis Oil Operations
License: 8241
Wellsite Geologist: Jerry Green

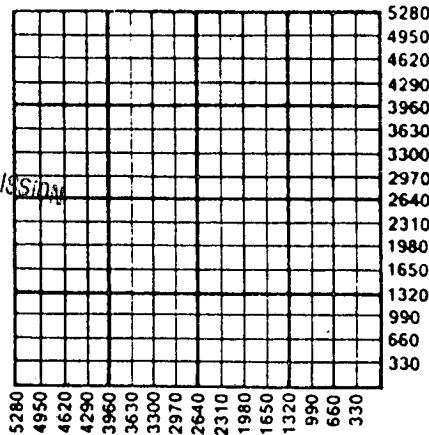
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp
 Dry Other (Core, Water Supply, etc.)

If **OWWO**: old well info as follows:
Operator: Slawson Drilling Co.
Well Name: #1 Coberly "GGG"
Comp. Date 6/29/78 Old Total Depth 4251'

Drilling Method:
 Mud Rotary Air Rotary Cable
7/31/89 8/2/89 8/19/89
Spud Date Date Reached TD Completion Date

API NO. 15- 063-20,375-00-01
County Gove
S/2 S/2 SW Sec. 31 Twp. 14S Rge. 27 East West
660 Ft. North from Southeast Corner of Section
3960 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Coberly "OWWO" Well # 1
Field Name Leighton ext. New zones
Producing Formation FT Scott "K" zone
Elevation: Ground 2533' KB 2538'
Total Depth 4275' PBTD 4250

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NOV 17 1989
11-17-89
CONSERVATION DIVISION
Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 289' prev. set
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set Port Collar - 1989 Feet
If Alternate II completion, cement circulated from 2000'
feet depth to 270' w/ 220 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Jerry Green
Title Owner Date Nov 16, 1989
Subscribed and sworn to before me this 16th day of November, 19 89.
Notary Public Katherine A. Watt
Date Commission Expires 2-12-92

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

NOTARY PUBLIC - State of Kansas
KATHERINE A. WATT
My Appt. Exp. 2-12-92

X P1

1230-27538-800-F1

SIDE TWO

Operator Name Castle Resources Lease Name Coberly "OWWO" Well # 1
 Sec. 31 Twp. 14S Rge. 27 East West
 County Gove

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.)

Formation Description		
Name	Top	Bottom
Heebner	3674	- 1141
Toronto	3696	- 1163
Lansing-KC	3710	- 1177
Stovk shale	3956	- 1423

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	13"	8 5/8	24 Lb	289	unknown	175 Sks	
Long String	7 7/8	5 1/2	15 1/2 Lb	4273	Expanding Com	190 Sks	2% CC

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated	Amount	Kind of Material Used
Aug 15, 1989	4226-30 4 holes per Ft	4226-30	2250 gal FF 20% Acid
	4210-12 4 holes per Ft	4210-12	
Nov 15, 1989	4 holes per Ft	3966-70	2000 gal SGA 20% Acid

TUBING RECORD Size 2 3/8 Set At 4240 Packer At _____ Liner Run Yes No

Date of First Production Aug 18th 1989 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	100		0		39

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

1230-27538-800-F1
 KATHERINE A. WATSON
 1230-27538-800-F1

15-063-20375-00-01

EMPHASIS OIL OPERATIONS

P. O. BOX 506

RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: Castle Resources
RR #1, Box 90
Hays, Kansas 67601

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Coberly "OWWO" WELL #1

LOCATION: S/2 S/2 SW
Section 31-14S-27W
Gove County, Kansas

ROTARY TOTAL DEPTH: 4275'

ELEVATION: 2538'

COMMENCED: 7/31/89

COMPLETED: 8/2/89

CASING: 8-5/8" @ 289' previously set
5-1/2" @ 4272' w/35 sks cement
Port Collar @ 1989' w/155 sks EA-2 w/1/4# Floseal per sk

STATUS: Oil Well

DEPTHS & FORMATIONS

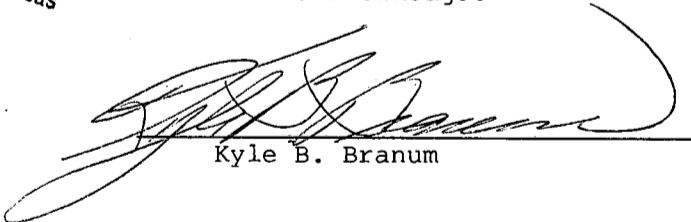
(All measurements from K.B.)

Wash Down 4250'
Mississippi (R.T.D.) 4275'

STATE OF KANSAS)
) ss
COUNTY OF RUSSELL)

RECEIVED
REGISTRATION COMMISSION
AUG 17 1989

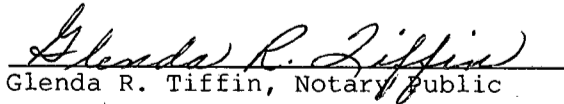
Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, in the best of his knowledge.


Kyle B. Branum

Subscribed and sworn to before me on August 2, 1989.

My commission expires: February 6, 1992.

GLEND A. R. TIFFIN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 2-6-92


Glenda R. Tiffin, Notary Public

15-063 20375-00-01

WORK ORDER CONTRACT
AND PRE-TREATMENT DATA

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 878531

DISTRICT Hays, KS

DATE 11-10-89

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 Cobedy OWWD SEC 31 TWP 14 RANGE 27

FIELD _____ COUNTY Cove STATE KS OWNED BY Sone

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE RBP SET AT 3100
TOTAL DEPTH 4300 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						
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 part collar w/ 220stk Ecconite w/ 3/4" Flcks
300 gal 1000psi Alk D

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:
 1. 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.
 2. Reservoir, formation, or well loss or damage; subsurface trespass or any action in the nature thereof.
 3. 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 in the well, 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 land, 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.

CONSERVATION DIVISION
Wichita, Kansas

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

SIGNED _____
DATE 11/10/89
TIME 02:00 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.

CUSTOMER

JOB LOG

WELL NO. _____ LEASE _____ TICKET NO. 0703-21
 CUSTOMER Castle Resources PAGE NO. #1
 JOB TYPE Get thru post collar DATE 11-10-09

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	11:00							Called out
	11:15							On location / set up 1/2
	11:35					100	100	Wait on salt water
	11:40					100	100	Load hole w/ salt water
	11:45							Pressure to 1000 PSI
	12:03							Hold
	12:08							Was 0 more salt water
	12:25							Spot small
	12:34	2 1/2	20			600	600	Let sand settle
	12:35	2	2			600	600	Opened post collar
	12:39	2	7			600	600	Pumped 2 bbls salt water
	12:40	2	2			600	600	7 bbls of brack 2/3
	12:45					450	450	5 bbls fresh water
	13:00	2 1/2	34			450	450	Start mixing cut
	13:20	2 1/2	94			500	500	Started cut w/ 34 bbls cut pumped
			100			900	900	Foot cut circulating w/ 94 bbls of cut
	13:35	2	115					Increased rate of stroke & down
	13:55							but couldn't get it back
								Decided down problem had to
								loosen bridge - extra freeding
								Tyed back on tbg & finished
								Get circulation back
	14:01	2	125					Done mixing
	14:02							Started drag
	14:08	2	8					8 bbls out
	14:12							Pumped 2 more bbls
	14:17							Pumped 2 more bbls
	14:25					1000	1000	Closed Post collar
								Did not get cut to surface
	14:30							Ran tbg
	14:40					300	300	Reversed cut
								Rocked up
	15:00							Job complete

STATE COMMISSION
 NOV 17 1909
 CONSERVATION DIVISION
 Wichita, Kansas

CUSTOMER

T. Fuchs - 2171
 K. Carter - 2050
 R. Brown - 5120

INVOICE
INVOICE



A DIVISION OF HALLIBURTON COMPANY

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

15-063-20375-00-01

INVOICE NO:	DATE
835862	08/02/1989

WELL LEASE NO:		WELL LOCATION		STATE	WELL OWNER
COBERLY 1		GOVE		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
NESS CITY		EMPHASIS		CEMENT PRODUCTION CASING	
TICKET DATE		08/02/1989			
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
151571	THOMAS ALAN			COMPANY TRUCK	80503

CASTLE RESOURCES
R R 1 STONEWOOD ESTATES LOT 8
HAYS, KS 67601

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	48	MI	2.20	105.60
		1	UNT		
001-016	CEMENTING CASING	4272	FT	1,078.00	1,078.00
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	5 1/2	IN	46.00	46.00 *
		1	EA		
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	104.00	104.00 *
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	83.00	83.00 *
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00 *
815.19311					
40	CENTRALIZER 5-1/2" MODEL S-4	5	EA	44.00	220.00 *
807.93022					
320	CEMENT BASKET 5 1/2"	2	EA	90.00	180.00 *
800.8883					
60	ROTO WALL CLEANER 2 1/8" SPIKE	12	EA	22.00	264.00 *
807.0007					
019-000	BANDING MATERIAL	28	EA	4.00	112.00
018-317	SUPER FLUSH	6	SK	72.00	432.00
504-308	STANDARD CEMENT	155	SK	5.45	844.75 *
508-127	CAL SEAL	7	SK	14.60	102.20 *
509-968	SALT	1209	LB	.073	88.26
507-210	FLOCELE	39	LB	1.21	47.19 *
504-308	STANDARD CEMENT	21	SK	5.45	114.45 *
506-105	POZMIX A	14	SK	2.88	40.32 *
506-121	HALLIBURTON-GEL 2%		SK	.00	N/C *
509-968	SALT	500	LB	.073	36.50
500-207	BULK SERVICE CHARGE	217	CFT	.95	206.15 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	70.11	TMI	.70	329.08 *

RECEIVED
STATE CORPORATION COMMISSION
NOV 17 1989
CONSERVATION DIVISION
Wichita, Kansas

pd
Check # 0600

***** CONTINUED ON NEXT PAGE *****

TERMS INVOICES 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 AN ATTORNEY 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.