

KCC

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- 175-21,229 - MAR 20

County Seward **CONFIDENTIAL**

SE - SE - NW - Sec. 10 Twp. 33 Rge. 33 E

2310 Feet from S (circle one) Line of Section

2310 Feet from E (circle one) Line of Section

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

Lease Name Browne Well # 1-10

Field Name Evalyn-Condit

Producing Formation Morrow & Chester

Elevation: Ground 2,791' KB 2,803'

True Depth 6,200' PBDT 6150

Surface Pipe Set and Cemented at 1700 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AIT
(Data must be collected from the Reserve Pit)

Chloride content 4571 ppm Fluid volume 8000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name RELEASED

Lease Name _____ License No. APR 7 1994

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County SEWARD **CONFIDENTIAL**

Operator: License # 3988

Name: Slawson Exploration Company, Inc.

Address 621 N. Robinson, Suite 490

city/State/Zip Oklahoma City, OK 73102-6217

Purchaser: Clinton Gas Transmission, Inc.

Operator Contact Person: Steve Slawson

Phone (800) 333-5493

Contractor: Name: H-40 Drilling, Inc.

License: 30692

Wellsite Geologist: John Schlentz

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW 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. _____

1-24-92 2-2-92 3/5/92

Spud Date Date Reached TD Completion Date

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KANSAS CORPORATION COMMISSION

MAR 23 1992

CONSERVATION DIVISION
WICHITA, KS

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]

Title Division Operations Manager Date 3/20/92

Subscribed and sworn to before me this 20th day of March, 1992.

Notary Public Mia A. Johnston

Date Commission Expires September 13, 1994

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other

(Specify)

Operator Name Slawson Exploratio Company, Inc. Lease Name Browne Well # 1-10

Sec. 10 Twp. 33S Rge. 33 East West County Seward

CONFIDENTIAL

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.)

Name	Top	Datum	Sample
Sand and Red Bed	0		1,190'
Shale	1,190'		2,256'
Shale and Lime	2,256'		6,200'
Rotary Total Depth			6,200'

List All E.Logs Run:
DST #1 - 5558'-5618'. BOB in 10 sec 1st open GTS in 1 min, gauged 4468-5065 MCFD at 72# on 1-1/2" ck on 1st open, 4946-5185 MCFPD at 74# on 2nd open. Times 20-30-20-60 min. HP 2668-2616#, IFP 1235-1288#, FFP 1224-1288#, ISIP 1816#, FSIP 1795#, BHT 122°.

CASING RECORD							
<input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Used 13 jts. 4-1/2" 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#	1,700'	Lite Wt.	485	2% cc
					Class H	150	2% cc
Production	7-7/8"	4-1/2"	13 jts.-11.6 133 jts.-10.5	6,199'	Class H	250	

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
4	6040'-6044'	N/A	
4	5617'-5621'	N/A	

TUBING RECORD Size 2-3/8" Set At 6018' Packer At 5947' Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 2/19/92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	282	1737	0	6160	37.5°

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: 5617-21
6040-6044

Browne 1-10 SEC 10 TWP 38S R10G 33W COUNTY SEWARD STATE KS

FORMATION NAME: _____ TYPE: _____
 FORMATION THICKNESS: _____ FROM _____ TO _____
 INITIAL PROD. OIL _____ SPD. WATER _____ SPD. GAS _____ MCFD _____
 PRESENT PROD. OIL _____ SPD. WATER _____ SPD. GAS _____ MCFD _____
 COMPLETION DATE: _____ MUD TYPE: _____ MUD WT: **MAR 20**
 PACKER TYPE: _____ SET AT _____
 BOTTOM HOLE TEMP.: _____ PRESSURE: **CONFIDENTIAL**
 IBC DATA: _____ TOTAL DEPTH: _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24	8 3/8	KB	1701	
LINER						
TUBING						
OPEN HOLE			12 1/4	KB	1707	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
LOAD COLLAR Insert w/Flt. Hd	1	HALLIBURTON
LOAD SHOE		
GUIDE SHOE		
CENTRALIZERS S-4	3	"
BOTTOM PLUG		
TOP PLUG SW PLASTIC	1	"
LEAD		
PACKER		
OTHER		

JOB DATA

CALLED OUT:	ON LOCATION:	JOB STARTED:	JOB COMPLETED:
DATE 1-25-92	DATE 1-25-92	DATE 1-25-92	DATE 1-25-92
TIME 0500	TIME 0645	TIME 0948	TIME 1055

MATERIALS

HEAVY FLUID: _____ DENSITY: _____ LB/GAL. API _____
 LIGHT FLUID: _____ DENSITY: _____ LB/GAL. API _____
 ROP TYPE: _____ SIZE: _____ LB _____
 ROP TYPE: _____ SIZE: _____
 CID TYPE: _____ GAL _____
 CID TYPE: _____ GAL _____
 CID TYPE: _____ GAL _____
 SURFACTANT TYPE: _____ GAL _____
 EMULSION AGENT TYPE: _____ GAL _____
 FLUID LOSS ADD. TYPE: _____ GAL-LB _____
 GELLING AGENT TYPE: _____ GAL-LB _____
 VC. RED. AGENT TYPE: _____ GAL-LB _____
 REAKER TYPE: _____ GAL-LB _____
 LOCKING AGENT TYPE: _____ GAL-LB _____
 CEMENT BALLS TYPE: _____ QTY _____
 OTHER: _____
 OTHER: _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
Ebersole	C2673	Liberal, KS
Williams	C9591	"
McIntyre	D9704	Aurora, KS
J. Davis	C9202	"

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 MAR 23 1992
 CONSERVATION DIVISION
 WICHITA, KS

RELEASED
 APR 7 1994

DEPARTMENT **CEMENT** FROM **CONFIDENTIAL**
 DESCRIPTION OF JOB **CEMENT 8 3/8 SURFACE CASING**
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
 CUSTOMER REPRESENTATIVE **X John Ebersole**
 HALLIBURTON OPERATOR **John Ebersole** COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU FT/SK	MIXED LBS/GAL
1	485	Prem Plus HQ	B		2% CC, 1/4" Floccle	2.11	12.1
2	150	Premium Plus	B		2% CC, 1/4" Floccle	1.32	14.8

PRESSURES IN PSI: _____ SUMMARY: _____ VOLUMES: _____
 CIRCULATING: _____ DISPLACEMENT: _____ PREFLUSH: BBL-GAL _____ TYPE: _____
 BREAKDOWN: _____ MAXIMUM: _____ LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____
 VERAGE: _____ FRACTURE GRADIENT: _____ TREATMENT: BBL-GAL _____ REPL: BBL-GAL **105.5**
 WITHIN INSTANT: _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL-GAL **216**
 ORDERED: _____ AVAILABLE: _____ USED: _____ TOTAL VOLUME: BBL-GAL _____ REMARKS: _____
 AVERAGE RATES IN BPM: _____
 BEATING: _____ DISPL: _____ OVERALL: _____ CEMENT LEFT IN PIPE: _____
 SET: **43** REASON: **Shoe joint**

REMARKS: **Circulated Cement to surface**
Float Holding

CUSTOMER NO. **1-10**
 DATE **1-25-92**
 JOB TYPE **858**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0500							Called
	0645							ON location - Rig T.O.H. Drill Pipe
	0815							Run 8 5/8 casing to 1701'
	0935							CASING IN - CIRCULATE w/ Rig
	0945							Hook up Pump truck
	0948	7	181				250	Pump lead cement - CBS SK - (Premium Plus HCC w/ 2% CC, 1/4" Flocole)
	1018	7	35				200	Tail - 150 SK Premium Plus w/ 2% CC, 1/4" Flocole
	1020							Drop Plug
	1024	6					50	Displace
	1040	1	95				550/500	Reduce Rate to 18PM
	1045		100				450	Shut down 2 minutes
	1047	1					400/500	Resume disp.
	1052		105.5				500/1000	Plug Down
							0	Float Holding. Job Complete.
								Circulated Cement to Surface

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KANSAS CORPORATION COMMISSION

MAR 23 1992

CONSERVATION DIVISION
WICHITA, KS

RELEASED

APR 7 1994

FROM CONFIDENTIAL

WELL DATA

U. Liberal Browne 1-10

SEC. 10 TWP. 37S RNG. 33W COUNTY Seward STATE KS

FORMATION NAME	TYPE	FROM	TO	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
FORMATION THICKNESS									
INITIAL PROD. OIL	BPD. WATER	BPD. GAS	MCFD						
PRESENT PROD. OIL	BPD. WATER	BPD. GAS	MCFD						
COMPLETION DATE	MUD TYPE	MUD WT.							SHOTS/FT.
PACKER TYPE	SET AT								
BOTTOM HOLE TEMP.	PRESSURE								
MISC. DATA	TOTAL DEPTH								

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
FLOAT COCK <i>insert</i>	1	H
FLOAT SHOE <i>Ellip</i>	1	O
GUIDE SHOE	13	W
CENTRALIZERS	13	C
BOTTOM PLUG	1	H O
TOP PLUG	1	O
HEAD	1	W
PACKER <i>Sealip</i>	1	C
OTHER <i>Weld A</i>	1 lb	O

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 2-3-92	DATE 2-3-92	DATE 2-3-92	DATE 2-3-92
TIME 16:00	TIME 17:30	TIME 21:55	TIME 22:30

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>P Taylor</i>	D4035	Liberal
<i>L Williams</i>	52823	Liberal
<i>J. Davis</i>	3856	Hugoton
<i>H. Reardon</i>	C9202	Hugoton
	40522	Liberal

MATERIALS

TREAT. FLUID DENSITY

DISPL. FLUID DENSITY

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

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MAR 23 1992

CONSERVATION DIVISION Cement

WICHITA, KS

DESCRIPTION OF JOB Cement 4 1/2 production casing w 250 sks prem, displacement 50 per top plug to insert float w/ 98 bbl displ.

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X *John Sch...*

HALLIBURTON OPERATOR *R Taylor*

COPIES REQUESTED

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	250	Prem	H	13	10% salt 10% kcl-scl	1.32	15.7

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING DISPLACEMENT

BREAKDOWN MAXIMUM

AVERAGE FRACTURE GRADIENT

SHUT-IN: INSTANT 5-MIN. 15-MIN.

ORDERED AVAILABLE AVERAGE RATES IN BPM USED

TREATING DISPL. CEMENT LEFT IN PIPE OVERALL

FEET 41.76 REASON Seal J...

PRESLUSH: BBL-GAL TYPE

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

TREATMENT: BBL-GAL DISPL.

CEMENT SLURRY: BBL-GAL 59

TOTAL VOLUME: BBL-GAL 157

REMARKS APR 7 1992

See Job Log

FROM CONFIDENTIAL

RELEASED

CUSTOMER: Liberal 1-10
LEASE: Liberal
WELL NO: 1-10
JOB TYPE: 4 1/2 production casing

MAR 20

DISTRICT Liberal

DATE 2-3-92

CONFIDENTIAL

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

WELL NO. 1-10 LEASE Biowae SEC. 10 TWP. 33S RANGE 33W

FIELD N Liberal COUNTY Seward STATE KS OWNED BY SMC

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME TYPE THICKNESS FROM TO PACKER TYPE TOTAL DEPTH 6200 MUD WEIGHT BORE HOLE 2 1/4 INITIAL PROD. OIL BPD, H2O BPD, GAS MCF PRESENT PROD. OIL BPD, H2O BPD, GAS MCF

Table with columns: DATE, NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I. Rows include CASING, LINER, OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED cement 4 1/2 production casing w/ 250 slks Premium w/ 10% salt & 10% sk Cal Sml displace 5 swiper top plug to insert float w/ 98 blt 2% KCL water, run 500 gal mud flush ahead & 500 gal PUS-5 ahead of cement

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.
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.
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.
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.
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.
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 REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED [Signature] CUSTOMER

DATE 2-3-92

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.

TIME 21:00 A.M.

FIELD OFFICE