

ORIGINAL

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

Operator: License # 31898  
Name: CONLEY P. SMITH OPERATING COMPANY  
Address 1125 17TH ST., SUITE 2360

City/State/Zip DENVER, CO 80202

Purchaser: None

Operator Contact Person: ROBERT P. VERNON

Phone ( ) 303-296-1434

Contractor: Name: ABERCROMBIE RTD, INC.

License: 30684

Wellsite Geologist: Pete Debenham (Whitehall Expl. Corp)

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:

Operator: RELEASED

Well Name: MAR 23 1998

Comp. Date            Old Total Depth           

Deepening  Re-perf.  PBT  
 Plug Back  PBT  
 Commingled  Docket No.             
 Dual Completion  Docket No.             
 Other (SWD or Inj?)  Docket No.           

10/24/96 11/07/96 11/08/96  
Spud Date Date Reached TD Completion Date

API NO. 15- 033-20,918-00-00  
County COMANCHE COUNTY, KANSAS  
           -            - NE - NE Sec. 20 Twp. 32S Rge. 18W XX<sup>E</sup><sub>W</sub>

660 Feet from S (circle one) Line of Section  
660 Feet from E (circle one) Line of Section

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

Lease Name CURRIER Well # 20-1

Field Name Wildcat

Producing Formation Viola Limestone

Elevation: Ground 2135 KB 2140

Total Depth 5920 PBD           

Amount of Surface Pipe Set and Cemented at 618 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, 2, 1-6-97  
(Data must be collected from the Reserve Pt)

Chloride content 8000 ppm Fluid volume 2000 bbls

Dewatering method used           

Location of fluid disposal if hauled offsite: Rec'd 12-6-96

Operator Name KCC

Lease Name            License No.           

DEC 2 Quarter Sec. 2 Twp.            S Rng.            E/W

County COMANCHE Docket No.           

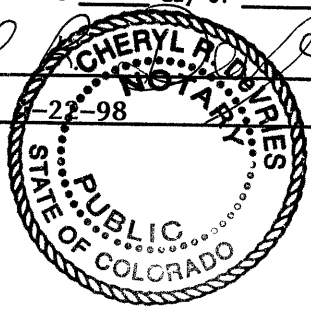
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 Robert P. Vernon  
Title Operations Mgr. and VP Date 12-2-96

Subscribed and sworn to before me this 2nd day of December, 19 96.

Notary Public Cheryl A. Bries  
Date Commission Expires 12-23-98



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 CONLEY P. SMITH OPER. CO.

Lease Name CURRIER

Well # 20-1

Sec. 20 Twp. 32S Rge. 18

East  
 West

County COMANCHE COUNTY, KANSAS

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:  
1. Dual Induction/GR  
2. Neutron Density/GR  
3. Microlog/GR  
4. Sonic/GR

<input type="checkbox"/> Log		Formation (Top), Depth and Datums	<input checked="" type="checkbox"/> Sample
Name	Top	Datum	
Lansing	4537	-2397	
Pawnee	5084	-2944	
Miss	5786	-3046	
Viola	5684	-3544	
TD 5920' KB			

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"	23#	618'	65/35 poz	250	6%gel, 3%cc
		w/1/4# flo seal	p/sk, followed by	and	Common	100	3%cc, 2%gel
					Common	100	3%cc, 2%gel
PRODUCTION	7 7/8"	4 1/2"	10.5#	5922'	10-10 Self Stress	300	0.5%cc, 1%FlacE-60, 2%cc, 2%Antifoam

ADDITIONAL CEMENTING/SQUEEZE RECORD  
Top of Cmt: 4580'  
D-46, 1/4# Celloph

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	5684.5 - 5687.5		

TUBING RECORD Size 2-3/8" Set At 5605' Packer At EUE 4.7#J  
Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. SI, waiting on gas sales line  
Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  
Estimated Production Per 24 Hours  
Oil 0 Bbls. Gas 583 Mcf Water 0 Bbls. Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

Disposition of Gas: METHOD OF COMPLETION  
 Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 Open Hole  Perf.  Dually Comp.  Commingled 5684.5' - 5687.5'  
 Other (Specify) \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

-4415

CONFIDENTIAL ORIGINAL

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Med Lodge

(10-24-96)

FINISHED 10-26-96

DATE <u>10-25-96</u>	SEC. <u>20</u>	TWP. <u>32S</u>	RANGE <u>18W</u>	CALLED OUT <u>10:30 PM</u>	ON LOCATION <u>1:45 AM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>1:15 AM</u>
CARRIER LEASE	WELL # <u>20-1</u>	LOCATION <u>Coldwater 2 1/2 mi S into</u>	COUNTY <u>COMMANCHE</u>	STATE <u>Ks</u>			

OLD OR NEW (Circle one)

CONTRACTOR ABERCROMBIE RIG 8

TYPE OF JOB SURFACE CSG.

HOLE SIZE 12 1/4" T.D. 620'

CASING SIZE 8 5/8" DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 21'

CEMENT LEFT IN CSG. 21

PERFS:

OWNER CONLEY P. SMITH

CEMENT

AMOUNT ORDERED 250 cu ft 6 3/8" 3% GEL  
1/4" FIBER SEAL. 200 cu ft COMMON 3% GEL 2% GEL

**RELEASED**

EQUIPMENT **MAR 23 1998**

PUMP TRUCK CEMENTER

# 255/265 HELPER CAROL

BULK TRUCK

# 257/251 DRIVER JAMES H.

BULK TRUCK

# DRIVER

COMMON @

POZMIX @

GEL @

CHLORIDE @

HANDLING @

MILEAGE @

TOTAL

REMARKS:

620' HOLES RAN 8 5/8" CSG TO 620'  
CIRCULATE CASING, MIXED 20 SX  
6 3/8" 1 1/2" 3% GEL 1/4" FIBER SEAL. 10000  
WITH 100 SX (COMMON) 3% GEL 2% GEL (lost  
RETURN) 1/2" NACE RIG TO PAUSE, HAD  
MATERIAL RETURN - 1/2" DOT CIRCULATE  
RAN 1" TO 100 FT MIXED 100 SX (COMMON)  
3% GEL 2% GEL CIRCULATE CEMENT 11 (GEL)

SERVICE

DEPTH OF JOB 620'

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

PLUG 1 TOP 8 5/8" ROSS @

TOTAL

CHARGE TO: ABERCROMBIE RTD INC.

STREET

CITY WICHITA STATE KANSAS ZIP

FLOAT EQUIPMENT

1-8 5/8" BAFFLE @

2" CENTRALIZERS @

2" BASKETS @

TOTAL

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE W.C. Craig

Dowell

STAGE 08 DISTRICT EX-10, OK

DS-498-A PRINTED IN U.S.A.

WELL NAME AND NO. **CARRIER 20-1** LOCATION (LEGAL) **SEC 20-325-18w** RIG NAME: **ADERCROMBIE Drilling**

FIELD-POOL **E. Coldwater** FORMATION **COMMERCIAL** STATE **KS** API. NO. **---**

COUNTY/PARISH **COMMERCIAL**

NAME **CONLEY P. Smith**

AND **---**

ADDRESS **---** ZIP CODE **---**

SPECIAL INSTRUCTIONS **---**

WELL DATA: **WT SIZE 7 7/8 CSD/Line Size 4 1/2**

**TOTAL DEPTH 5932 WEIGHT 10.5**

ROT  CABLE **FOOTAGE 5932**

**MUD TYPE GRADE**

BHST  BHGT **THREAD**

**MUD DENSITY LESS FOOTAGE (SEE JOINTS) 5.87** TOTAL **93.6**

**MUD VISC. Disp. Capacity 93.6**

NOTE: Include Footage From Ground Level To Hole In Dip. On only

Head & Plugs  TBC  D.P. **SQUEEZE JOB**

Double  Single  Squeeze  Knocker  NEW  USED

IS CASING/TUBING SECURED?  YES  NO

LIFT PRESSURE **PSI** CASING WEIGHT + SURFACE AREA (3.14 x R<sup>2</sup>)

PRESSURE LIMIT **PSI** BUMP PLUG TO **PSI**

ROTATE **RPM** RECIPROGATE **FT** No. of Centralizers

ARRIVE ON LOCATION TIME: **1000** DATE: **11-2-96**

LEFT LOCATION TIME: **---** DATE: **---**

ANNUAL VOLUME **240.47**

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBC OR D.P.	CASING	INCHES	GVN	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
1804+	300	40	0	6	CW 100						
1812+	410	10	40	5 1/4	140 9"						
1814	360	85	50	6.78	CAT N"						
1830				135							
1833	250	0	7.26	2% RL 9"							
1844	640	83	2.34								
1847	760	92	2.05								
1848+	1500	93+									
1849											

PRE-JOB SAFETY MEETING

START CW 100

START WATER SPILL

START Cement Slurry

SHUT DOWN CEMENT LINES.

DROP TOP PLUG & START Displacement

LOWER RATE

RATE + PSI

SHUT DOWN - BUMPED PLUG.

CHECK FLOATS - Holding

RELEASED

MAR 23 1998

FROM CONFIDENTIAL

REMARKS

SYSTEM CODE	NO. OF SACS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBL	DENSITY
1.	300	1.54	10110 SELFSTRESS + 2% S-1 + 1% D-60 + 2% D-46 + 25% S-1 D-29		82 1/2	14.8
2.						
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE **VOLUME** **DENSITY** **PRESSURE** **MAX** **MIN**

HESITATION SQ.  RUNNING SQ.  CIRCULATION LOST  YES  NO **Current Circulated To Surf.**  YES  NO **Bbls**

BREAKDOWN **PSI** **FINAL** **PSI** **DISPLACEMENT VOL.** **Bbls** **TYPE OF WELL**  OIL  GAS  STORAGE INJECTION  BRINE WATER  WILDCAT

Washed Thru Parts  YES  NO **TO** **FT.** **MEASURED DISPLACEMENT**  WIRELINE

OPERATIONS **CUSTOMER REPRESENTATIVE** **DE SUPERVISOR**

**MR. ART LABOLO** **GARY P. Ribonay**