

ORIGINAL

FORM MUST BE TYPE

SIDE ONE

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

API NO. 15- 179-21, XCB 092-0001
County Sheridan
NW - NE - NE Sec. 4 Twp. 9 Rge. 28 X W

4950 Feet from S (circle one) Line of Section
990 Feet from E (circle one) Line of Section

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

Lease Name CALDWELL Well # 1
Field Name Freda Pool

Producing Formation Kansas City

Elevation: Ground 2678 KB 2683

Total Depth 4040 PBTD 3900

Amount of Surface Pipe Set and Cemented at 218 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 2325 Feet

If Alternate II completion, cement circulated from 1425

feet depth to 0 w/ 225 sx cmt.

Drilling Fluid Management Plan Re-work, 9-23-98 OR
(Data must be collected from the Reserve Pit)

Chloride content 12,000 ppm Fluid volume 1380 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

 Quarter Sec. Twp. S Rge. E/W

County Docket No.

Operator: License # 30076

Name: A & A PRODUCTION

Address PO BOX 100

City/State/Zip HILL CITY KS 67642

Purchaser:

Operator Contact Person: ANDY ANDERSON

Phone (785) 421-6266

Collector: Name: Shields Oil Producers, Inc.

License: 5184

Wellsite Geologist: Francis Whisler

Describe Type of Completion

 New Well Re-Entry X Workover

XX Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: Shields Oil Producers, Inc.

Well Name: Caldwell #1

Comp. Date 1-26-97 Old Total Depth 4040'

 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

5-27-98 Date Reached TD 5-28-98 Completion Date
Spud start of Re-work. of Rework

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 Andy Anderson

Title Owner Date 3-3-98

Subscribed and sworn to before me this 3rd day of March, 19 98.

Notary Public Rita A. Anderson

Date Commission Expires January 21, 2000



RTA A. ANDERSON
Graham County, Kansas
My App. Exp. 1-21-2000

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) 15

Form ACQ-1 (7-91)

69163

ORIGINAL

SIDE TWO

Operator Name A & A PRODUC NLease Name CALDWEWell # 1Sec. 4 Twp. 9 Rge. 28 ☐ East
☒ WestCounty Sheridan

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 ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)List All E.Logs Run: Radiation Guard☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	2306	+ 377
Elmont Lime	3462	- 779
Howard Lime	3498	- 815
Topeka Lime	3549	- 866
Heebner Shale	3762	-1079
Toronto Lime	3786	-1103
Lansing-Kansas City	3800	-1116
Base Kansas City	4030	-1347
Total Depth	4040	-1357

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	20	218	60-40 Poz Mix	175	2% Gel 3% CC
Production	7 7/8	4 1/2	9 1/2	3936	ASC	125	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	1425	60-40	140	8% Gel
<input checked="" type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone	0	60-40 Com	50	3% CC

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	3840-3844	500 gal - 15%, 2500 gal-28%	3844
4	3828-3831	1000 gal-15%, 1000-gal 28%	3831

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2	3886	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil 20 Bbls.	Gas 0 Mcf	Water 10 Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp. ☒ Commingled
☐ Other (Specify) _____

3840-3844

3828-3831