

MAY 12 1982

22-11-3240 (REV) ACO-1

SIDE ONE

AFFIDAVIT OF COMPLETION FORM

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Sunburst Exploration Company, Inc.

API NO. 15-109-20,231

ADDRESS 708 One Main Place

COUNTY Logan

Wichita, KS 67202

FIELD

\*\*CONTACT PERSON Ronald L. Irion

PROD. FORMATION

PHONE (316) 262-3041

LEASE COOPER

PURCHASER

WELL NO. 1

ADDRESS

WELL LOCATION C E/2 E/2

DRILLING Abercrombie Drilling, Inc.

660 Ft. from EAST Line and

CONTRACTOR

2,640 Ft. from North Line of

ADDRESS 801 Union Center

the E/2 SEC. 22 TWP. 11S RGE. 32W

Wichita, KS 67202

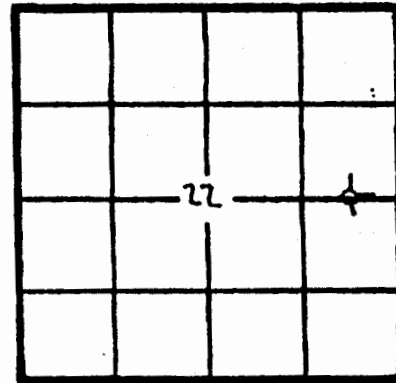
WELL FLAT

PLUGGING Abercrombie Drilling, Inc.

CONTRACTOR

ADDRESS 801 Union Center

Wichita, KS 67202



KCC  
KCS  
(Office Use)

TOTAL DEPTH 4669' PSTD 4650'

SPUD DATE 4/20/82 DATE COMPLETED 4/30/82

ELEV: GR 3018 DF KB 3023

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS

Amount of surface pipe set and cemented 330.29'

DV Tool Used?

AFFIDAVIT

STATE OF Kansas, COUNTY OF Sedgwick SS, I,

Ronald L. Irion OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Vice President (FOR)(OF) Sunburst Exploration Company, Inc.

OPERATOR OF THE Cooper LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 1 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 12th DAY OF May, 1982, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

State Geological Survey  
WICHITA BRANCH

RECEIVED  
MAY 14 1982  
STATE CORPORATION COMMISSION  
CONSTRUCTION DIVISION  
WICHITA, KANSAS

101047  
22-11-32w

**WELL LOG**

Show all important zones of porosity and contents thereof; record intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOG RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Clay & Sand	0	150	LOG TOPS	
Shale	150	340	Anhydrite	2538 (+ 485)
Shale & Sand	340	2440	Wabaunsee	3644 (- 621)
Shale	2440	2543	Topeka	3770 (- 747)
Anhydrite	2543	2571	Heebner	3996 (- 973)
Shale & Sand	2571	3080	Lansing	4036 (-1013)
Shale	3080	3290	B/Kansas City	4314 (-1291)
Lime & Shale	3290	4140	Marmaton	4347 (-1324)
Lime	4140	4204	Ft. Scott	4509 (-1486)
Lime & Shale	4204	4257	Cherokee	4536 (-1513)
Lime	4257	4669	Johnson Zone	4574 (-1551)
Rotary Total Depth		4669	Mississippian	4633 (-1610)
			LTD	4665 (-16)
<b>DST #1 4085-4140 (D,E, &amp; F zones)</b>				
30-45-45-60				
Rec. 150' MW				
IFP 65-65	FFP 86-108			
ISIP 1167	FSIP 1135			
BHT 117 <sup>0</sup> F				
<b>DST #2 4187-4204 (H zone)</b>				
30-30-30-30				
Rec. 10' Mud				
IFP 32-32	FFP 32-32			
ISIP 1199	FSIP 1199			
BHT 117 <sup>0</sup> F				
<b>DST #3 4207-4318 (I, J, K &amp; L zones)</b>				
30-45-45-60				
Rec. 245' Mud				
IFP 97-130	FFP 163-206			
ISIP 1263	FSIP 1242			
BHT 120 <sup>0</sup> F				
<b>DST #4 4563-4603 (Johnson zone)</b>				
30-30-30-30				
Rec. 5' oil specked mud				
IFP 43-43	FFP 43-43	ISIP 86	FSIP 65	
		BHT 124 <sup>0</sup> F		

Report of all strings set—surface, intermediate, production, etc. **CASING RECORD (New) or (Used)**

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs./ft.	Setting depth	Type cement	Soaks	Type and percent additives
Surface	12 1/2"	8 5/8"	20#	338'	60-40 posmix	200	2% gel, 3% c.c.

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Soaks cement	Shots per ft.	Size & type	Depth interval

**TUBING RECORD**

Size	Setting depth	Pecker set at

P1

Incl P1  
22-11-32W

DAILY DRILLING REPORT

Well Name: No. 1 Cooper API #: 15-109-20,231  
 Prospect: Malaga  
 Location: C E/2 E/2 Section 22-11S-32W Logan County, Kansas  
 Operator: Sunburst & Hamill Contractor: Abercrombie Drlg. Riq #9  
 (913) 462-7500 8620  
 Proposed TD: 4650' Mississippian Test  
 Elevation: 3018 GR 3023 KB AFE: DHC \$101,500 CWC  
 Well Site Geologist: Frank Mize (913) 672-3131

Well "A" C SE NE Sec. 22-11S-32W

Formation Sample Tops:		Well "A"	Formation Log Tops:	
Anhydrite	2542 (+ 481)	+ 2	Anhydrite	2538 (+ 485)
Wabaunsee	3649 (- 626)	+ 1	Wabaunsee	3644 (- 621)
Heebner	4002 (- 979)	+ 3	Topeka	3770 (- 747)
Lansing	4043 (-1020)	+ 2	Heebner	3996 (- 973)
B/Kansas City	4319 (-1296)	+ 1	Lansing	4036 (-1013)
Marmaton	4349 (-1326)	+ 2	B/Kansas City	4314 (-1291)
Ft. Scott	4512 (-1489)	+ 1	Marmaton	4347 (-1324)
Cherokee	4541 (-1518)	flat	Ft. Scott	4509 (-1486)
Johnson Zone	4573 (-1550)	flat	Cherokee	4536 (-1513)
Mississippian	4637 (-1614)	-12	Johnson Zone	4574 (-1551)
RTD	4669 (-1646)		Mississippian	4633 (-1610)
			RTD	4665 (-1642)

DRILLING OPERATIONS

4-19-82 MIRT.  
 4-20-82 MIRT.  
 4-21-82 955' Drilling. Spud @ 1:30 P.M. on 4-20-82. Drld 340' 12 1/4" hole. Ran 8 jts. 8 5/8" 20# csg. Talley @ 330.29. Set @ 338'. Cemented w/ 200 sx 60/40 Pozmix, 2% Gel, 3% C.C. Plug down @ 6:15 P.M. on 4-20-82. Cement did circ. Drld plug @ 2:15 A.M. on 4-21-82.  
 4-22-82 2440' Drilling. Dev. @ 2103' of 1<sup>0</sup>.  
 4-23-82 3080' Drilling. Wt. 9.2, Vis. 30.  
 4-24-82 3630' Drilling. TMC \$669.60.  
 4-25-82 4087' Circ. for samples. Wt. 9.6, Vis. 42, WL 10.4, PH 10.4, Chlds. 2800, Solids 7%, DMC \$1746.25, TMC \$2415.85.  
 4-26-82 4204' COOH for DST #2. Wt. 9.6, Vis. 50, WL 10.8, PH 11, Chlds. 2600, Solids 8.5%, DMC \$605.21, TMC \$3021.06.

DST #1 4085-4140 (D, E, & F zones)  
 30-45-45-60  
 Rec. 150' MW  
 IFP 65-65 FFP 86-108  
 ISIP 1167 FSIP 1135  
 BHT 117 F

22-11-32w

DST #2 4187-4204 (H zone)  
 30-30-30-30  
 Rec. 10' Mud  
 IFP 32-32                    FFP 32-32  
 ISIP 1199                    FSIP 1199  
 BHT 117°F

4-27-82            4318'    COOH for DST #3. Wt. 9.8, Vis. 50, WL 10.4, PH 11, Chlds. 2000, Solids 8%, DMC \$179.00, TMC \$3200.06.

4-28-82            4440'    Drilling. Wt. 9.7, Vis. 44, WL 10.6, PH 11, Chlds. 2000, Solids 7.5%, DMC \$276.00, TMC \$3476.06.

DST #3 4207-4318 (I, J, K & L zones)  
 30-45-45-60  
 Rec. 245' Mud  
 IFP 97-130                    FFP 163-206  
 ISIP 1263                    FSIP 1242  
 BHT 120°F

Formation Sample Tops:		Well "A"	Formation Log Tops:	
Anhydrite	2542 (+ 481)	+ 2	Anhydrite	2538 (+ 485)
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Johnson Zone	4573 (-1550)	flat	Cherokee	4536 (-1513)
Mississippian	4637 (-1614)	-12	Johnson Zone	4574 (-1551)
RTD	4669 (-1646)		Mississippian	4633 (-1610)
DATE	DEPTH		RTD	4665 (-1642)

DRILLING OPERATIONS

4-29-82            4603'    GIH for DST #4 4563-4603. Wt. 9.8, Vis. 50, WL 11.2, PH 11, Chlds. 1800, Solids 18%, DMC \$496.00, TMC \$3972.06. Dev. 4603' of 1°.

DST #4 4563-4603 (Johnson zone)  
 30-30-30-30  
 Rec. 5' oil specked mud  
 IFP 43-43                    FFP 43-43  
 ISIP 86                      FCIP 65  
 Temp. 124°F

4-30-82            4669    Logging. Dresser Atlas: Dual Induction and Sonic Logs. Wt. 9.9, Vis. 53, WL 10.6, PH 10.5, Chlds. 1800, Solids 7.5%, Sand 1%, DMC \$194.00, TMC \$4166.06.

5-01-82            Set 1st plug @ 1500' w/ 100 sx, 2nd plug @ 350' w/ 40 sx, 3rd plug @ 40' w/ 10 sx, 10 sx in rat hole. Cemented with 50/50 Pozmix, 4% Gel, 3% C.C. Plug was down 5:30 P.M. on 4-30-82. State Plugger - Carl Goodrow.