

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

Operator: License # 5131

Name: THUNDERBIRD DRILLING, INC.

Address P.O. BOX 780407

City/State/Zip WICHITA KS 67278

Purchaser: _____

Operator Contact Person: BURKE B. KRUEGER

Phone (316) 685-1441

Contractor: Name: ABERCROMBIE RTD, INC.

License: 30684

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: N/A

Well Name: _____

Comp. Date: _____ Old Total Depth: _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTB

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

11-30-93 12-07-93

Spud Date 11-30-93 Date Reached TD 12-07-93 Completion Date _____

API NO. 15- 193-20,614-00-00

County Thomas

-NE -NE -SW Sec. 29 Twp. 6S Rge. 31 E V

2310' Feet from S/N (circle one) Line of Section

2310' Feet from E/W (circle one) Line of Section

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

Lease Name Keller Trust Well # 1

Field Name Wildcat

Producing Formation _____

Elevation: Ground 2986' KB 2991

Total Depth 4580' PBTB _____

Amount of Surface Pipe Set and Cemented at 263.08' 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 DFA 4-6-94
(Data must be collected from the Reserve Pit)

Chloride content 2,000 ppm Fluid volume 650 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name N/A

Lease Name _____ License No. _____

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

County _____ Docket No. _____

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 Burke B. Krueger

Title Vice President Date 12-20-93

Subscribed and sworn to before me this 20th day of December 19 93.

Notary Public Glenda Funk

Date Commission Expires 4-16-94

GLEND A FUNK
Notary Public - State of Kansas
My Appt. Expires 4-16-94

RECEIVED
STATE CORPORATION COMMISSION
JAN 13 1994
1-13-94
K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Conservation Division Report Received
Wichita Kansas
Distribution
 KCC SWD/Rcp NGPA
 KGS Plug Other
(Specify)

Operator Name THUNDERBTRD DRILLING, INC. Lease Name KELLER TRUST Well # 1
 Sec. 29 Twp. 6S Rge. 31 East West
 County Thomas

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.)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 See attached

List All E.Logs Run:

R A Guard Log & Neutron/Density
 Porosity Log

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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"	25#	263.08'	60-40 portmix	200	2% gel 3% cc

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

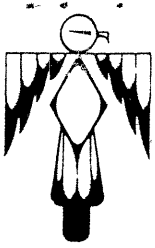
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water Bbls. Gas-Oil Ratio Gravity

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 _____



Thunderbird Drilling Inc.

7701 EAST KELLOGG, SUITE 780

POST OFFICE BOX 780407

WICHITA, KANSAS 67278-0407

(316) 685-1441

ORIGINAL

DAILY DRILLING REPORT

#1 KELLER TRUST
NE NE SW Sec. 29-6S-31W
Thomas County, KS
Contractor - Abercrombie
Geologist - Todd Aikins, III
Elevation - 2991 KB

API #15-193-20614

TOPS:	Sample	Log
Anhydrite	2658 + 333	2656 + 335
Base Anhydrite	2696 + 295	2690 + 301
Topeka	3772 - 781	3772 - 781
Heebner	3950 - 959	3952 - 961
Lansing	3997 -1006	3997 -1006
Muncie Creek	4104 -1113	4104 -1113
Stark	4174 -1183	4181 -1190
BKC	4233 -1242	4238 -1247
Marmaton	4254 -1263	4260 -1269
Pawnee	4351 -1360	4353 -1362
Ft. Scott	4415 -1424	4420 -1429
Cherokee	4432 -1441	4440 -1449
Mississippian	4540 -1549	4542 -1551
T.D.	4580 -1589	4580 -1589

12-1-93 Drilling at 265'
Spud @ 4:15 PM 11-30-93. Set 8 5/8" @ 263'
w/200 sx. 60-40 Poz. Circ. Cement. PD 10:15
PM 11-30-93.

12-2-93 Drilling at 2,375'

12-3-93 Drilling at 3,410'

12-4-93 Circ. f/DST #1 @ 4020
DST #1 3944-4020 (Toronto & LKC "A")/30-60-45-
60. Rec. 260' muddy water, 480' salt water. IFP
62-197; FFP 249-364, SIP 1288-1227

12-5-93 Drilling at 4,210'

12-6-93 Drilling at 4,400'
DST #2, 4127-4210 (J&K zones)/45-45-45-45.
Rec. 10' mud. IFP 62-62, FFP 62-62, SIP
1049-904.

12-7-93 RTD 4580'
Logged. D&A, Plugged as follows:
1st plug @ 2670 w/25 sx.
2nd plug @ 1830 w/ 100 sx.
3rd plug @ 315' w/40 sx.
4th plug @ 40' w/10 sx. 60-40 Pozmix.
Ed Schumacher State Plugger
Job completed @ 7:15 A.M. 12-7-93
FINAL REPORT

RECEIVED
STATE CORPORATION COMMISSION

JAN 13 1994

CONSERVATION DIVISION
Wichita, Kansas

TELEPHONE:

AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

TO: Thunderbird Drilling Inc.
P. O. Box 780407
Wichita, Kansas 67278

INVOICE NO. 65464
PURCHASE ORDER NO. _____
LEASE NAME Keller Trust #1
DATE Nov. 30, 1993

1500

SERVICE AND MATERIALS AS FOLLOWS:

Common 120 sks @\$6.85	\$ 822.00
Pozmix 80 sks @\$3.00	240.00
Chloride 6 sks @\$25.00	<u>150.00</u>
Handling 200 sks @\$1.00	200.00
Mileage (27) @\$0.04¢ pe sk pe mi	216.00
Surface	430.00
Mi @\$2.25 pmp. trk.	60.75
1 plug	<u>43.00</u>

115.227
BCP

\$ 1,212.00

949.75

Total

\$ 2,161.75

432.35

432.35

Cement circ.

1729.40

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

RECEIVED
STATE CORPORATION COMMISSION

JAN 13 1994

CONSERVATION DIVISION
Wichita, Kansas

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

TO: Thunderbird Drilling Inc
P. O. Box 97
Ellinwood, Ks 67526

INVOICE NO. 65584
PURCHASE ORDER NO. _____
LEASE NAME Keller Trust #1
DATE Dec. 7, 1993

1500

SERVICE AND MATERIALS AS FOLLOWS:

Common #14 sks. @\$6.85 \$ 780.90
Pozmix 76 sks @\$3.00 228.00
Gel 7 sks. @\$7.00 49.00
Flo Seal 48#@ \$1.10 52.80

\$ 1,110.70

Handling 190 sks @\$1.00 190.00
Mile ge (27) @\$0.04¢ per sk per mi 205.20
Plugging 430.00
Mi @\$2.25 pmp. trk. 60.75
1 plug 21.00

906.95

25 sks. @2670'
100sks. @1830'
40 sk. @ 315'
10 sks. @\$ 40'
15 sks. in R. H.

403.53

Total \$ 2,017.65

1614.12

115-222

12-17-93

CR

BCP

THANK YOU

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STATE CORPORATION COMMISSION

JAN 13 1994

CONSERVATION DIVISION
Wichita Kansas