

STATE OF KANSAS  
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to  
Conservation Division  
State Corporation Comm.  
245 North Water  
Wichita, KS 67202

Pawnee County. Sec. 16 Twp. 21S Rge. 20 E/W  
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines  
C NW $\frac{1}{4}$

Lease Owner Benson Mineral Group, Inc.  
Lease Name Thompson A Well No. 1-16  
Office Address 1536 Cole Blvd., #220, Golden, CO 80401  
Character of Well (Completed as Oil, Gas or Dry Hole)  
Dry Hole

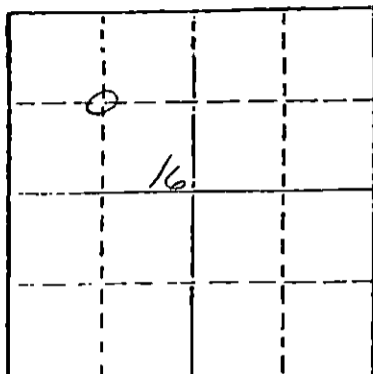
Date Well completed 1-12 19 81  
Application for plugging filed 7-7 19 83  
Application for plugging approved 7-22 19 83  
Plugging commenced 8-19 19 83  
Plugging completed 8-31 19 83

Reason for abandonment of well or producing formation  
Dry Hole

If a producing well is abandoned, date of last production  
NA 19

Was permission obtained from the Conservation Division or  
its agents before plugging was commenced? yes

Name of Conservation Agent who supervised plugging of this well J. Metz  
Producing formation NA Depth to top NA Bottom NA Total Depth of Well 2430  
Show depth and thickness of all water, oil and gas formations.



Locate well correctly on above  
Section Plat

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Chase Group	water	2208	2337	7"	959	0
				4 $\frac{1}{2}$ "	2422	1002.94

Describe in detail the manner in which the well was plugged, indicating where the mud fluid  
was placed and the method or methods used in introducing it into the hold. If cement or other  
plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to  
\_\_\_\_\_ feet for each plug set.

Pump 3 sx hulls, 125 sx 60-40 POZ, from 2208 to 1700', back off 4 $\frac{1}{2}$ ", recover  
1002.94' of 4 $\frac{1}{2}$ ". Pump 25 sx 60-40 POZ to 1000', 9.5# mud to 959'. Pump  
100 sx 60-40 POZ, 3 sx hulls to surface. Cut off 7" 3' below ground level.

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Sun Oilwell Cementing

STATE OF COLORADO COUNTY OF JEFFERSON, ss.  
James S. Jameson (employee of owner) or (owner or operator)

of the above-described well, being first duly sworn on oath, says: That I have knowledge of  
the facts, statements, and matters herein contained and the log of the above-described well  
as filed and that the same are true and correct. So help me God.

(Signature) [Signature]  
1536 Cole Blvd., Suite 220, Golden, CO 80401  
(Address)

SUBSCRIBED AND SWORN TO before me this 19th day of October, 1983.

[Signature]  
Marilyn M. Markel  
Notary Public.

My commission expires July 25, 1986 Marilyn M. Markel

RECEIVED  
STATE CORPORATION COMMISSION

OCT 21 1983

CONSERVATION DIVISION  
Wichita, Kansas

Thompson A #1-16

Plugging Procedure      7" @ 959' x 300 sx 50-50 poz 3% C.C.  
4½" @ 2422' x 220 sx 50-50 poz 10% NACL  
Top cmt from bond log 1540'  
Perfs 2208-2337

1. Pump 1" sx hulls & 150 sx common 5% gel to 2200' down 4½"
2. Squeeze down 7" x 4½" annulus x 75 sx common 5% gel  
1" sx hulls.

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CONSERVATION DIVISION  
Wichita, Kansas

**KANSAS DRILLERS LOG**

API No. 15 — 145 — 20,736-0000  
 County Number

S. 16 T. 21 R. 20 <sup>EX</sup> <sub>W</sub>

Loc. C NW 1/4

Operator  
Benson Mineral Group, Inc.

County Pawnee

Address  
1726 Champa Street, #600, Denver. Co 80202

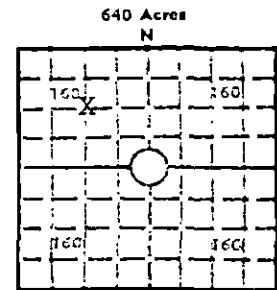
Well No. A 1-16 Lease Name Thompson

Footage Location  
1320 feet from (N)  line 1320 feet from  (W) line

Principal Contractor Sterling Drilling Company Geologist Jim Jameson

Spud Date 11-6-80 Total Depth 2430 P.B.T.D. 2422

Date Completed 1-12-81 Oil Purchaser \_\_\_\_\_



Locate well correctly  
 Elev.: Gr. 2104

DF \_\_\_\_\_ KB \_\_\_\_\_

**CASING RECORD**

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface		7"		959		300	50-50 poz 3% CaCl
Production		4 1/2"		2422		220	50-50 poz 2% ael, 10% salt

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
none			1		2208-2222
<b>TUBING RECORD</b>			1		2264-2278
Size	Setting depth	Packer set at	1		2333-2337

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
Foam frac x 40,000# 20-40 sn, 1500 gal 15% HCl, 80 quality	2208-2337
foam using 396 MCF Nitrogen	

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**INITIAL PRODUCTION**

CONSERVATION DIVISION  
 Wichita, Kansas

Date of first production <u>SIGW</u>	Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) <u>To be sold</u>			Producing interval (s)	

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. A 1-16	Lease Name Thompson	gas
S 16 T 21 R 20 <sup>E</sup> / <sub>W</sub>		

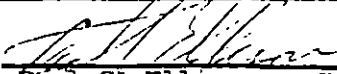
**WELL LOG**

Show all important zones of porosity and contents thereof; cored 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, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand, Red Bed, Clay	0	160		
Sand and Shale	160	652		
Shale	652	970		
Lime and Shale	970	1367		
Shale	1367	1867		
Lime and Shale	1867	2430		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	 Paul C. Ellison      Signature Production Manager      Title December 9, 1980      Date
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