

STATE OF KANSAS
STATE CORPORATION COMMISSION

15-145-1098-0000

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. 20 Twp. 23S Rge. 15W ~~XX~~W
Location as "NE/CNW $\frac{1}{2}$ SW $\frac{1}{2}$ " or footage from lines
NW NE NW

Lease Owner Alpine Drilling Company, Inc.
Lease Name Cossman Well No. 4

Office Address 800 Bitting Bldg, Wichita, KS. 67202
Character of Well (Completed as Oil, Gas or Dry Hole)

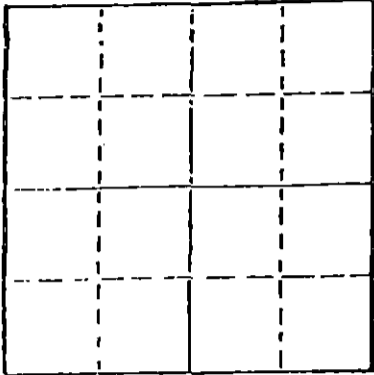
Dry Hole

Date Well completed 4/24/78 19
Application for plugging filed 4/24/78 19
Application for plugging approved 4/24/78 19
Plugging commenced 4/24/78 19
Plugging completed 4/24/78 19
Reason for abandonment of well or producing formation

Dry Hole

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

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



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Duane Rankin
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4186'
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT

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.

Drilling mud to 420', 50 sx cement, drilling mud to 240', 25 sx cement, drilling mud to 40', 10 sx cement.

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Wichita, Kansas

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

Name of Plugging Contractor B & N Drilling Company, Division of Benson Mineral Group, Inc.

STATE OF KANSAS COUNTY OF MONTGOMERY, ss.

Lucille Shukers (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) Lucille Shukers
Box 846, Independence, Ks. 67301
(Address)

SUBSCRIBED AND SWORN TO before me this 24th day of April, 1978

My commission expires 9/24/78

Jane McNickle
Notary Public.

JANE McNICKLE
NOTARY
PUBLIC
Montgomery County, Kansas

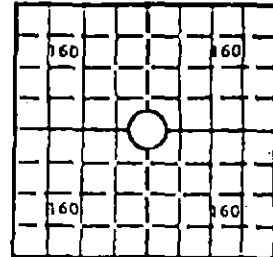
KANSAS DRILLERS LOG

API No. 15 - 145 - 20518-0000
 County Number

S. 20 T. 23S R. 15W ^{XX}
 NW
 Loc. XSW NE NW

County Pawnee

640 Acres
N



Locate well correctly

Elev.: Gr. 2041

DF 2048 KB 2051

Operator
Alpine Drilling Company, Inc.

Address
800 Bitting Building, Wichita, Kansas 67202

Well No. 4 Lease Name Cossman

Footage Location
 feet from (N) (S) line _____ feet from (E) (W) line _____

Principal Contractor B & N Drilling Company Geologist Jon Williams, Jr.

Spud Date 4/17/78 Total Depth 4186 KB P.B.T.D. _____

Date Completed 4/24/78 Oil Purchaser _____

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	12 1/4	8-5/8	23	377'	Common	250	3% C.C. 2% Gel

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Size	Setting depth	Packer set at

ACID FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production _____ Producing method (flowing, pumping, gas lift, etc.) _____

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	bbls.	MCF	CFPB

Disposition of gas (vented, used on lease or sold) _____ 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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator

Alpine Drilling Company, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

DRY HOLE

Well No.

4

Lease Name

Cossman

S 20 T 23S R 15W ^{XX}_W

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.

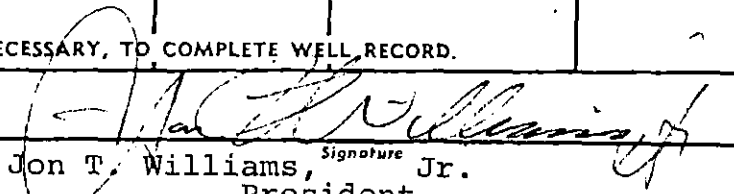
SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
sand	0	30		
sandy shale	30	150		
shale	150	390		
shale	390	770		
Red Bed	770	985		
Anhydrite	985	1003		
shale/shells	1003	1450		
sand	1450	1510		
shale	1510	1700		
shale/lime	1700	1962		
shale/lime	1962	2050		
sand	2050	2060		
shale/lime	2060	2400		
shale	2400	2650		
shale/lime	2650	2729		
shale	2729	2740		
shale/lime	2740	2900		
shale/lime	2900	3147		
shale	3147	3361		
shale/lime	3361	3422		
shale/lime	3422	3510		
sand	3510	3516		
shale/lime	3516	3580		
shale	3580	3603		
shale/lime	3603	3645		
sand	3645	3653		
shale	3653	3690		
shale/lime	3690	3730		
lime	3730	3740		
sand	3740	3750		
lime	3750	3800		
sand	3800	3816		
lime	3816	3860		
shale	3860	3900		
lime/shale	3900	4000		
lime	4000	4015		
chert	4015	4070		

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

Date Received


 Jon T. Williams, Jr.
 Signature
 President
 Title

May 1, 1978

Date

Alpine Drilling Company, Inc.
Well Log
Cossman No. 4
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lime	4070	4105
sand/lime	4105	4150
lime/sand	4151	4160
lime/Arbuckle	4160	4171
lime	4171	4186

LOG TOPS

Heebner	3519	-1468
Toronto	3531	-1486
Douglas	3556	-1506
Brown Lime	3649	-1598
Lansing	3657	-1606
B/Kansas City	3908	-1857
Conglomerate	4008	-1957
Simpson Shale	4123	-2012
Simpson Sand	4152	-2101
Arbuckle	4167	-2116
LTD	4186	-2135
RTD	4186	-2135

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