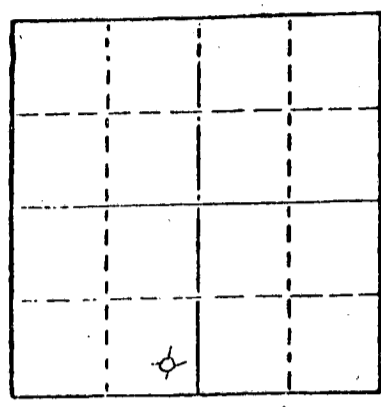


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Graham County, Sec. 22 Twp. 10 Rge. 24w ~~EXX~~
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
SE-SE-SW
Lease Owner Helberg Oil Company
Lease Name Dean Hobbs Well No. #1
Office Address Box 32 Morland, Kansas 67650
Character of Well (Completed as Oil, Gas or Dry Hole)



Locate well correctly on above
Section Plat

Dry Hole
Date Well completed Oct. 19 19 78
Application for plugging filed Oct. 19 19 78
Application for plugging approved Oct. 19 19 78
Plugging commenced Oct. 20 19 78
Plugging completed Oct. 20 19 78
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

Name of Conservation Agent who supervised plugging of this well Gilbert Baltazor
Producing formation Depth to top Bottom Total Depth of Well 4020
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
Surface		0'	219'	8 5/8"	219'	0'

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.

- 1st. plug at 1000' with 70 sacks common cement with 50-50 Poz. 6% Gel.
- 2nd. plug at 200' with 20 sacks common cement with 50-50 Poz. 6% Gel.
- 3rd. plug at 40' with 10 sacks common Cement with 50-50 Poz. 6% Gel.
- 2 sacks in rathole

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

Name of Plugging Contractor Sun Oilwell Cementing, Inc.

STATE OF Kansas COUNTY OF Graham, ss.
Jerry M. Helberg (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) Jerry M. Helberg
Box 32 Morland, Kansas 67650
(Address)

SUBSCRIBED AND SWORN TO before me this 30th day of October, 19 78

Faye E. Minium
Notary Public.

My commission expires



October 20, 1978

15-065-21054-00-00

Dean O. Sharpe

Hill City, Kansas 67642

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CONSERVATION DIVISION
Wichita, Kansas

Geological Data
Helberg Oil Co.
Hobbs # 1
Section 22-10s-24w
Graham County, Kansas

Elevation 2431	Kellybushing	Log
Anhydrite	2061' (+470)	
Heebner Shl.	3740' (-1309)	(-1307)
Lansing	3780' (-1349)	-(1349)
Base K.C.	4006' (-1575)	(-1578)
Total Depth	4020' (-1589)	(-1587)

3780-84 Fossiliferous Ls vugy per trace oil (dead) stains.

3812-16 Fossiliferous Ls trace vugy per crystalline limestone.
Chalky, Grandular Chert.

3821-27 Dense crystalline limestone, very little porosity oolitic.
Limestone, fair to good porosity with fair staining
in dry sample, wet sample shows dead watery stain.

3859-65 Crystalline limestone some scattered staining in dry samples.
No free oil in wet sample. Fair vugy porosity in
fossiliferous limestone.

3883-89 Crystalline to grandular limestone, white chert, scattered stain
in vugy porosity. No free oil in wet sample, no oder.

3911-19 White crystalline limestone, chalky gray grandular to fossiliferous
limestone scattered porosity. Dense crystalline limestone
no porosity.

3938-44 White to gray crystalline limestone pin point. porosity fair to poor stain
staining. Trace free oil, no odor. Covered with drill stem test #1.

3952-62 Fossiliferous limestone crystalline limestone, scattered staining, few
peices with trace of dead oil. Fair vugy porosity.

3979-86 Crystalline limestone, dense scattered staining in pim point porosity,
no free oil.

Drill Stem Test # 1 3925 to 3990

Open 30, shut in 30, Open 30, shut in 30'

Recovered 780' muddy water

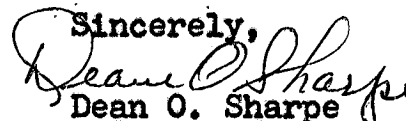
IBHP 1753 FBHP 1394 IFp 86 2nTFP 384 FFP 484

Samples were checked by me from 3700 to total depth.

This well ran 5' lower than dry hole in the NW-NE of same section, and 21' lower
than the well NE of this location.

Due to the low structure of this well, and the drill stem test, it is recommended
that the hole be plugged.

Sincerely,



Dean O. Sharpe

Consultant

DOS/dd

15-065-21054-00-00

DRILLERS LOG

HOBBS #1

CASING RECORD:

8 5/8" set at 211'

TOTAL DEPTH:

4020'

DESCRIPTION:

OPERATOR: Helberg Oil Company

CONTRACTOR: Helberg Oil Company

COMMENCED: October 10, 1978

COMPLETED: October 20, 1978

FORMATION	FROM	TO	REMARKS
Sand & Clay	0	235	
Sand & Clay	235	271	
Shale	271	1002	
Shale	1002	1516	
Shale & Sand	1516	2056	
Shale	2056	2061	
Anhydrite	2061	2096	
Shale	2096	2220	
Shale	2220	2490	
Shale	2490	2664	
Shale	2664	2762	
Shale	2762	2835	
Shale	2835	2960	
Shale	2960	3094	
Shale	3094	3185	
Shale	3185	3282	
Shale	3282	3385	
Shale	3385	3468	
Shale	3468	3540	
Shale	3540	3666	
Shale & Lime	3666	3756	
Shale	3756	3818	
Lime	3818	3879	
Shale & Lime	3879	3925	
Lime & Shale	3925	3945	
Lime	3945	3990	
Lime	3990	4006	
Lime	4006	4020	
T.D.	4020		D & A

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STATE COMMISSION

NOV - 6 1978

CONSERVATION DIVISION
Wichita, Kansas

I certify that the above is a true and correct copy of the log to the best of my knowledge.

HELBERG OIL COMPANY

Jerry M. Helberg
Jerry M. Helberg

Subscribed and sworn to before me this 31st day of October, 1978.

Shirley E. Morrison
Notary Public

My commission expires

