

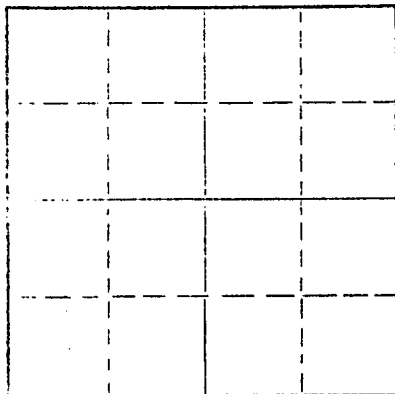
STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission

P. O. Box 17027
Wichita, Kansas 67217
NORTH

WELL PLUGGING RECORD



Locate well correctly on above
Section Plat

Rooks County. Sec. 13 Twp. 10S Rge. (E) 18 (W)
Location as "NE/CNW&SW" or footage from lines SW SE SW
Lease Owner Davis Bros.
Lease Name Garvet I Well No. 1
Office Address 500 McFarlin Building, Tulsa, OK 74103
Character of Well (completed as Oil, Gas or Dry Hole) SWI
Date well completed August 31 1959
Application for plugging filed August 17 1972
Application for plugging approved August 18 1972
Plugging commenced September 12 1972
Plugging completed September 12 1972
Reason for abandonment of well or producing formation Well was temporarily abandoned
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 Leo Massey
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3,690 Feet
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
				8 5/8"	154'	None
				4 1/2"	3,685'	None
				2 3/8"	2,150'	None

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 hole. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

Pumped 200# hulls 10 sacks gel and 50 sacks cement down 2 3/8" tbg. to 2,158' - Pumped 85 sacks cement, 150# hulls down 2 3/8" - 4 1/2" annulus - Pumped 50 sacks cement, 150# hulls down 8 5/8" - 4 1/2" annulus. Cut off below plow depth and placed 7 sacks cement to cap. Work by Halliburton Services. Supervised by Charles G. Arnold, Davis Bros.

RECEIVED
STATE CORPORATION COMMISSION
10-18-72
OCT 18 1972
CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Halliburton Services
Address Hays, Kansas

STATE OF Oklahoma COUNTY OF Tulsa, ss.
Joseph J. Lawnick (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) Joseph J. Lawnick
500 McFarlin Building, Tulsa, OK 74103
(Address)

SUBSCRIBED AND SWORN to before me this 16th day of October, 1972

Carol J. Compton
Carol J. Compton Notary Public.

My commission expires June 27, 1976

15-163-02606-10000

Joseph Teichman - Geologists - 3903 South Harvard - Tulsa, Oklahoma

RECEIVED
STATE CORPORATION COMMISSION
7-0164 - Ri-2-8612

MAIL CORRESPONDENCE TO:
P. O. BOX 7027
TULSA, OKLAHOMA

July 29 1959 NOV 6 1972
CONSERVATION DIVISION
Wichita, Kansas

GEOLOGIC REPORT
Davis Bros. #1 Garvert "1" (Finney)
SW SE SW Sec. 13-10S-18W
Rooks County, Kansas

Elevation: 2136' RB
Rotary T.D.: 3690'

Commenced: 7-17-59
Completed: 7-27-59
I. P.:

Casing Record:
8 5/8" @ 154' w/130 sax
4 1/2" @ 3685' w/260 sax

SUMMARY OF FORMATIONS

Anhydrite
Topeka
Heebner
Toronto
Lansing
Base of Kansas City
Conglomerate
Total Depth

1451-83 (driller)
3106'
3325'
3343'
3366'
3596'
3630'
3690'

Cores: None.

Electric Logs: None

Drill Stem Tests:

- #1. 3330-3442 Open 1 Hr. Recovered 20' mud. 20" IBHP 1100#. 30" FBHP 920#, slightly climbing. FP 0#-0#.
- #2. 3436-3496 Open 2 Hrs. Recovered 360' muddy salt water. 20" IBHP 1180#. 30" FBHP 880#, slightly climbing. FP 120#-280#.
- #3. 3494-3605 Open 1 Hr. Recovered 36' mud with a very few specks of oil. IBHP 1160#. FBHP 520#, climbing sharply. FP 0#-0#.

SUMMARY OF OIL SHOWS

TOPEKA: 3106-3325 No oil shows.

TORONTO: 3343-58

3343-48 Limestone, streaks of fine crystalline light spotted stain to saturated, minor sucrosic medium crystalline, poor to fair porosity. TEST.

Geologic Report
Davis Bros. #1 Garvert "1" (Finnesy)

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NOV 6 1972

CONSERVATION DIVISION
Wichita, Kansas

LANSING-KANSAS CITY: 3366-3596

- A ZONE - 3366-93
3366-69 Limestone, fine crystalline sucrosic, oolitic, vugular, spotted stain to barren, poor to fair porosity. TEST.
- B ZONE - 3398-3416
3402-14 Limestone, vory thin streaks fine crystalline, spotted stain - trace saturation, trace pinpoint vugular, poor porosity. TEST before abandoning. ?
- D ZONE - 3420-37
3420-26 Limestone, fine crystalline, oolitic, fossiliferous, spotted stain to saturation, poor to fair porosity. TEST.
- F ZONE - 3444-61
3451-57 Limestone, fine crystalline, minor medium crystalline, sucrosic and granular, barren, minor spotted stain to saturation, fair to poor porosity. Wet. *Water*
- G ZONE - 3463-95
3463-64 Limestone, fine crystalline, spotted stain, poor porosity. Possible very thin streaks throughout section of pinpoint vugular fine crystalline, spotted stain, poor porosity.
- H ZONE - 3499-3518
Limestone, streaks fine crystalline granular to sucrosic, minor pinpoint vugular, barren and minor light spotted stain to saturation, poor porosity. TEST before abandoning.
- I-J ZONES - 3524-52
3526-29 &
3530-31 Limestone, sucrosic and pinpoint vugular fine crystalline; and fine crystalline, spotted stain to saturation, poor to fair porosity - possibly very thin streaks through section or caving from above. TEST.
- K ZONE - 3561-78
3561-62 Limestone, fine crystalline sucrosic, spotted stain, poor porosity. TEST.
- L ZONE - 3581-91
3581-82 Limestone, fine crystalline oolitic, some interbedded with oolitic chert, light spotted stain, poor porosity. TEST.
- M ZONE - 3593-96 No shows.

Geologic Report
Davis Bros. #1 Carvert "1" (Finnesy)

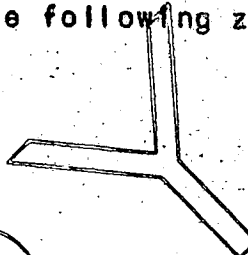
CONGLOMERATE: 3630-90

Chert, vari-colored, ample white and cream, minor
tripolitic chert, spotted stain, poor to fair porosity.

RECOMMENDATIONS

It was recommended that pipe be set, and the following zones tested:

L
K
I-J
H - before abandoning.
D
B - before abandoning.
A
Toronto



Respectfully submitted,
JOSEPH TEICHMAN, GEOLOGISTS

By: J. R. Green

Approved: _____

Joseph Teichman

JRG/vh

Davis Bros. #1 Garvert "1" (Finnesy)
 SW SE SW Sec. 13-10S-18W
 Rooks County, Kansas

Elevation: 2136' RB
 Rotary T.D.: 3690'

SAMPLE DESCRIPTION

<u>Depth</u>	<u>Description</u>	<u>Remarks</u>
3100-10	Shale, red and grey. Anhydrite. Limestone, light grey, dark grey, fine crystalline, fossiliferous.	Topeka 3106'
20	Same. Limestone, light grey, fine crystalline, oolitic.	3106-07 Limestone, oolitic fine crystalline, poor to fair porosity, no show.
30	Limestone, light grey, grey white fine crystalline, firm to soft mealy, minor oolitic and fossiliferous. Shale, red and grey. Chert, trace black.	
40	Same.	
50	Same.	
60	Same.	
70	Same.	
80	Same.	
90	Same. Minor limestone, fine crystalline mealy sucrosic, light spotted to saturated dead oil stain.	3179-3202 Limestone, streaks of fine crystalline mealy sucrosic, brown carbonaceous or petroliferous inert stain. Poor porosity.
90-3200	Same. Increase in dead oil stain.	
10	Same.	
20	Same.	
30	Same. Less stain. Limestone, white, pearl white, fine crystalline, firm to chalky.	Trip 3227'
40	Cavings and limestone as above.	
50	Limestone, white, pearl white, light grey, fine crystalline to cryptocrystalline, firm dense hard to soft mealy chalky. Shale, red and grey.	
60	Same.	
70	Same. Minor light grey oolitic chert.	
80	Same. Slight increase in red and grey shale.	
90	Same.	
90-3300	Limestone, white, grey white, fine crystalline soft to dense hard; light tan fossiliferous fine crystalline. Shale, red and grey. Chert, light grey.	
10	Same.	
20	Same.	
30	Same. Trace Heebner shale.	Heebner 3325'
35	Same. Ample Heebner black carbonaceous shale.	
40	Same. Limestone, light grey to white fine crystalline dense hard platy.	

Sample Description
 Davis Bros. #1 Garvert "1" (Finnesy)

Depth	Description	Remarks
3340-45	Same. Minor red and grey shale increase.	Toronto 3343-58
50	Limestone, white, greenish white, fine crystalline, minor fine crystalline light spotted stained to saturated, trace sucrosic medium crystalline.	3343-48 Limestone, streaks of fine crystalline light spotted stain to saturated, minor sucrosic medium crystalline, poor to fair porosity.
55	Cavings. Slight increase in staining as above.	Trip 3352'
60	Cavings. Limestone, white fine crystalline, firm to chalky.	
65	Shale, red and grey. Limestone as above.	Lansing 3366'
70	Same.	A Zone 3366-93
75	Limestone, white, pearl white, fine crystalline firm dense to chalky, minor sucrosic fine crystalline pinpoint vugular, spotted stain to barren.	3366-69 Limestone, fine crystalline sucrosic, oolitic, vugular, spotted stain to barren, poor to fair porosity.
80	Same. Slight increase in staining. Trace oolitic vugular limestone.	
85	Same. Less staining.	
90	Increase in limestone as above.	
95	Same. Increase in chalky limestone.	
95-3400	Same.	B Zone 3398-3416
05	Limestone, white, fine crystalline, studded with black oolites; white, pearl white, fine crystalline to cryptocrystalline dense hard to soft chalky. Shale, red and grey. Chert, light grey.	3402-14 Limestone, very thin streaks fine crystalline, spotted stain - trace saturation, trace pinpoint vugular, poor porosity.
10	Same. Decrease in black oolitic studded limestone, minor fine crystalline spotted stained.	
15	Same. Slight increase in spotted stain.	
20	Same. Trace saturated.	D Zone 3420-37
25	Limestone, white fine crystalline, fine crystalline oolitic and fossiliferous, firm to chalky, fine crystalline oolitic light spotted stain. Chert, white to pearl white. Shale, red and grey.	3420-26 Limestone, fine crystalline, oolitic, fossiliferous, spotted stain to saturation, poor to fair porosity.

Sample Description
 Davis Bros. #1 Garvert "1" (Finnesy)

<u>Depth</u>	<u>Description</u>	<u>Remarks</u>
3425-30	Same. Increase in spotted stain. Limestone, fine crystalline, broken, spotted stain.	
35	Same. Increase in stain. Minor saturated fine crystalline limestone.	
40	Same. Less staining.	
42		
Circ. 1/2 Hr.	Same. Less staining.	DST #1 3330-3442
Circ. 1 Hr.	Same. Slight increase in red and grey shale.	
45	Cavings.	
50	Cavings.	
55	Limestone, white, grey white, pearl white, fine crystalline to cryptocrystalline dense hard to chalky. Shale, red and grey. Chert, white, tan.	F Zone 3444-61 3451-57 Limestone, fine crystalline, minor medium crystalline, sucrosic and granular, barren, minor spotted stain to saturation, fair to poor porosity.
60	Same. Minor limestone, buff, sucrosic fine crystalline, minor medium crystalline granular, minor fossiliferous. Increase chert, pearl.	
65	Same. Ample buff limestone as above, minor spotted stain to saturated.	
70	Same. Limestone, white, fine crystalline, firm to chalky, trace spotted stain.	
75	Limestone, white, fine crystalline firm to chalky, trace oolitic, minor fine crystalline spotted stain. Chert, light grey. Shale, red and grey.	G Zone 3463-95 3463-64 Limestone, fine crystalline, spotted stain, poor porosity. Possible very thin streaks throughout section of pinpoint vugular fine crystalline, spotted stain, poor porosity.
80	Same. Trace pinpoint porosity fine crystalline limestone, spotted stain.	
85	Same.	
90	Same.	
95	Same.	
96		
Circ. 1/2 Hr.	Same. Red and grey shale increase.	
Circ. 1 Hr.	Same.	
96-3500	Cavings.	DST #2 3436-3496
05	Cavings. Minor limestone, white dense fine crystalline.	
10	Limestone, white, pearl white, fine crystalline to cryptocrystalline, dense hard to soft granular, minor sucrosic, minor fossiliferous. Very minor light spotted stain in fine crystalline pinpoint vugular and sucrosic limestone. Chert, pearl (10%). Shale, red and grey.	H Zone 3499-3518 Limestone, streaks fine crystalline granular to sucrosic, minor pinpoint vugular, barren and minor light spotted stain to saturation, poor porosity.
15	Same.	
20	Same.	
25	Same. Minor shale increase.	

Sample Description
 Davis Bros. #1 Garvert "1" (Finnesy)

Depth	Description	Remarks
3525-30	Same. Minor light grey white fine crystalline limestone	I-J Zones 3524-52
35	Limestone, light grey white mottled, fine crystalline, soft granular and minor sucrosic to firm dense, fine crystalline pinpoint vugular, fine crystalline sucrosic, and fine crystalline spotted stained to saturated. Shale, red and grey. Chert, light grey to pearl, minor oolitic.	3526-29 & 3530-31 Limestone, sucrosic and pinpoint vugular fine crystalline; and fine crystalline, spotted stained to saturated, poor to fair porosity - possibly very thin streaks through section or caving from above.
40	Same.	
45	Same. Less staining.	
50	Same. Slight shale increase.	
55	Same.	
60	Same. Shale increase, red, grey, black carbonaceous.	
65	Shale, red, grey, black. Limestone as above.	K Zone 3561-78
70	Limestone, white, light grey, green, white, minor fossiliferous fine crystalline, fine crystalline, minor sucrosic, trace spotted stain to saturation, firm to chalky. Shale, red and grey. Chert, pearl - very minor.	3561-62 Limestone, fine crystalline sucrosic, spotted stain, poor porosity.
75	Same. No increase in percent of stain.	
80	Same. Chert, grey.	
85	Same. Increase shale, red, grey, very dark greenish grey.	L Zone 3581-91
90	Limestone, white fine crystalline, fine crystalline oolitic, trace light grey fine crystalline oolitic and oolitic chert interbedded, light spotted stain. Chert, tan. Shale, red, grey and marbled.	3581-82 Limestone, fine crystalline oolitic, some interbedded with oolitic chert, light spotted stain, poor porosity.
95	Same. Very minor fine crystalline mealy limestone, spotted stain.	
95-3600	Same. Minor grey, tan limestone increase.	M Zone 3593-96
05	Same. Shale increase. Fossiliferous limestone increase.	
05		
Circ. 2	Hr. Shale, red, grey, green, marbled. Limestone, white, red, brown, grey fine crystalline, fine crystalline fossiliferous. Chert, pearl grey and grey tan. Pyrite.	DST #3 3494-3605
05		
Circ. 1	Hr. Same.	

Sample Description
 Davis Bros. #1 Garvert "1" (Finnesy)

<u>Depth</u>	<u>Description</u>	<u>Remarks</u>
3605-10	Cavings.	
15	Cavings.	
20	Shale, red, grey, green, marbled. Limestone, white, red marbled, white, light grey and grey fine crystalline and fine crystalline fossiliferous firm to chalky. Pyrite. Gypsum.	
25	Same.	
30	Same.	
35	Same.	
40	Same.	
45	Chert, white, yellow, trace pink and orange, minor tripolitic, light spotted stain. Shales, marbled red, grey, green and red, green, grey.	Conglomerate 3630-90 Chert, vari-colored, minor tripolitic, spotted stain, poor to fair porosity.
50	Same. Increase in tripolitic chert with stain.	
55	Same. Less stain.	
60	Same.	
65	Cave.	
70	Cave.	
75	Chert, white, buff, cream and minor vari-colored, fresh cut sharp, minor tripolitic, live and dead oil stain.	
80	Same.	
85	Same.	
90	Same.	
90		
Circ. 1/2 Hr.	Same.	
Circ. 1 Hr.	Same.	RTD 3690'

Respectfully submitted,
 JOSEPH TEICHMAN, GEOLOGISTS

By: J. R. Green

Approved: _____
 Joseph Teichman

JRG/vh