

15-065-20291-00-00

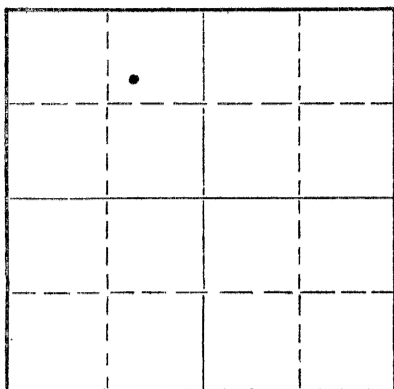
Form CP-4

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 Commission  
212 No. Market  
Wichita, Kansas

NORTH



Locate well correctly on above  
Section Plat

Graham County. Sec. 23 Twp. 7 Rge. 22 (W)

Location as "NE/CNW/SW" or footage from lines SW-NE-NW  
Lease Owner Delbert Worcester  
Lease Name Delbert Worcester Well No. # 3  
Office Address Hill City, Kansas 67642  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed Dec. 18 19.69  
Application for plugging filed Dec. 18 19.69  
Application for plugging approved Dec. 18 19.69  
Plugging commenced Dec. 18 1:30 PM 19.69  
Plugging completed Dec. 18 3:00 PM 19.69  
Reason for abandonment of well or producing formation No oil found, D & A

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 W. L. Nichols  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 3800 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
See Attached Drillers Log and Geologist Report						

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.

Set plug # 1 at nine hundred feet with 100 sacks of cement giving an approx. fill up to 575'. Set plug # 2 at 275' with 25 sacks giving an approx. fill up to 200'. Set plug # 3 at 40' with 1/2 sack of hulls and 10 sacks cement filling to bottom of celler. All cementing was done with Halliburton Pump truck and cement. Cement was 50-50 poz. with 6% gel.

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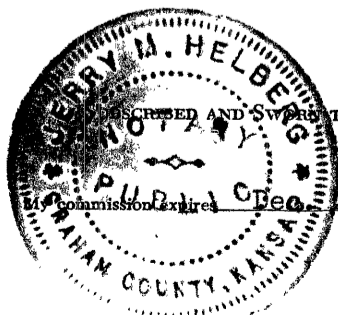
12-31-69

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

Name of Plugging Contractor Halliburton Inc.  
Address Hill City, Kansas 67642

STATE OF Kansas, COUNTY OF Graham, ss.  
Delbert Worcester (employee of owner) of (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) A. D. Worcester  
Hill City, Kansas 67642  
(Address)



Subscribed and sworn to before me this 22nd day of December 1969

Jerry M. Helberg  
Jerry M. Helberg Notary Public.

15-065-20291-00-00  
ROGER WELTY

Residence 913-674-5563

Office 913-674-2175

CONSULTING GEOLOGIST

BOX 116

HILL CITY, KANSAS 67642

December 18, 1969

GEOLOGICAL DATA  
A. D. Worcester  
Worcester #3  
SW NE NW  
Section 23-75-22W  
Graham County, Kansas

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FORMATION TOPS

Elevation . . . . .	.2249	K.B.	
Anhydrite . . . . .	.1860		(+389)
Heebner . . . . .	.3435		(-1185)
Toronto . . . . .	.3458		(-1309)
Lansing . . . . .	.3474		(-1225)
Base Kansas City .	.3668		(-1419)
Arbuckle . . . . .	.3769		(-1520)
Total Depth . . . .	.3800		(-1551)

SHOWS OF OIL AND ZONES OF POROSITY

Lansing:

3620-26: Limestone, white, fine crystalline - slightly fossiliferous; trace of spotted light oil stain, trace of free oil; poor porosity.

3631-39: Limestone, tan-white, chalky-slightly fossiliferous; spotted light oil stain, trace of free oil, no odor, poor porosity.

DRILL STEM TEST #1 3613' - 46'

Open 90 minutes. Weak blow throughout test.

Recovered 60' very slightly oil cut mud.

IBHP 328#/30", FBHP 264#/30", IFP 29#, FFP 52#

Arbuckle:

3769-78: Dolomite, tan, fine crystalline, fair dark oil saturation, no odor, poor-fair porosity; zone appears shaley.

DRILL STEM TEST #2 3756' - 78'

Open 90 minutes. Weak blow for 60 minutes.

Recovered 45' mud with few specks of black oil.

IBHP 73#/30", FBHP 73#/30", IFP 42#, FFP 42#

3779-85: Dolomite, tan-white, fine crystalline-sucrosic; scattered black oil saturation; black free oil; no odor; poor-fair porosity; zone is quite shaley.

DRILL STEM TEST #3 3755' - 85'

Open 80 minutes. Weak blow for 60 minutes.

Recovered 35' mud with specks of black oil.

IBHP 52#/30", FBHP 52#/30", IFP 31#, FFP 31#

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BOX 116

HILL CITY, KANSAS 67642

December 18, 1969

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Page 2

A. D. Worcester #3

3786-3800: Dolomite, tan-white, fine crystalline, scattered spotted black oil stain; mostly barren dolomite; lot of vari-colored shale.

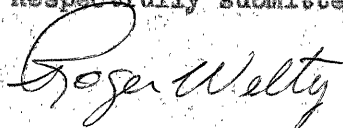
Remarks:

This well was 6' higher than #1 and 7' higher than #2 on the Lansing; however, no porosity was developed in the producing Lansing Zone covered by Drill Stem Test #1.

This well was 6' higher than #2 on the Arbuckle. Oil was recovered on Drill Stem Testing in #2; however, the Arbuckle was quite shaley on this well and no fluid was recovered in two drill stem tests in the upper 16' of the formation.

Due to the negative results of all Drill Stem Tests, it was recommended the well be plugged and abandoned.

Respectfully submitted,



Roger Welty

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Wichita, Kansas

# ROGER WELTY

CONSULTING GEOLOGIST  
BOX 116

A. D. Worcester  
#3 Worcester  
Elevation: 2249 K.B.

HILL CITY, KANSAS 67642  
December 10, 1969

SW NE NW  
Section 23-73-22W  
Graham County, Kansas

## DRILLING TIME LOG

DEPTH	From	To	Time
3100	10	20	6 7 5 2 4 4 6 6 6 6
	20	30	5 3 6 7 4 6 4 5 7 8
	30	40	8 7 6 5 4 4 4 3 3 4
	40	50	4 5 2 1 4 5 5 5 5 5
	50	60	6 7 7 7 5 4 2 2 1 2
	60	70	2 2 4 3 4 3 3 5 3 5
	70	80	4 4 5 5 5 4 5 6 5 5
	80	90	7 3 5 6 6 5 5 5 5 4
	90	3200	2 2 2 2 3 5 8 9 3 3
	3200	10	5 4 5 5 5 3 3 4 5 4
	10	20	4 3 3 2 2 3 2 4 3
	20	30	2 2 2 2 1 2 2 2 3 3
	30	40	3 2 3 3 3 2 3 4 3 2
	40	50	5 4 3 4 4 2 4 4 3 5
	50	60	3 3 3 3 3 3 5 2 3 4
	60	70	2 3 3 4 3 4 4 4 2 2
	70	80	5 3 2 3 3 4 4 4 5 5
	80	90	5 4 3 2 3 2 2 4 3 3
	90	3300	2 2 2 3 3 2 2 2 2 2
	3300	10	2 2 3 3 2 4 4 5 4 4
	10	20	3 2 3 2 2 3 3 4 3 2
	20	30	3 2 4 5 4 6 6 4 4 5
	30	40	7 6 5 5 5 3 4 4 4 2
	40	50	1 2 2 2 2 1 2 1 2 2
	50	60	2 3 3 3 4 4 3 5 5 5
	60	70	4 5 3 4 4 3 3 3 3 4
	70	80	2 4 5 5 7 7 6 5 5 4
	80	90	4 5 5 5 7 7 10 9 7
	90	3400	5 5 5 5 6 7 5 4 5 6
	3400	10	4 5 2 1 3 4 2 4 4 6
	10	20	6 9 7 8 4 6 6 8 6 6
	20	30	4 6 5 6 7 6 7 7 7 7
	30	40	6 6 6 6 7 6 7 7 7 5
	40	50	5 6 5 5 6 5 3 5 13 11
	50	60	6 9 7 8 8 8 9 7 9 10
	60	70	10 9 8 9 9 8 9 10 8 7
	70	80	8 8 13 12 16 14 14 10 10 8
	80	90	8 9 10 9 5 5 5 6 6
	90	3500	6 6 6 6 6 5 6 5 6 5
	3500		6 6 6 6 6 4 6 6 5

DEPTH	From	To	Time
3500	10	20	5 4 4 3 3 2 4 2 4 5
	20	30	6 7 8 7 4 7 9 7 5 7
	30	40	5 5 4 6 7 3 5 5 7 12
	40	50	11 11 10 6 7 5 14 10 7 5
	50	60	11 11 9 14 6 5 5 5 9 8
	60	70	6 7 9 7 5 6 4 8 14 12
	70	80	12 14 15 12 14 13 13 14 13 13
	80	90	12 13 12 12 12 13 12 14 13 11
	90	3600	11 13 12 12 14 8 4 7 8 6
	3600	10	5 6 5 9 7 4 3 5 5 6
	10	20	7 7 6 7 7 7 7 8 7 7
	20	30	7 7 8 6 5 4 5 5 5 4
	30	40	5 7 6 6 5 7 6 6 7 7
	40	50	5 7 6 8 7 7 7 8 7
	50	60	6 6 6 7 6 6 7 6 9 9
	60	70	9 4 13 4 3 6 6 7 7 7
	70	80	9 7 6 5 8 13 4 5 7 8
	80	90	5 7 6 5 3 4 3 3 2 3
	90	3700	2 2 3 2 3 2 4 3 4 5
	3700	10	6 10 8 12 10 10 6 6 6 5
	10	20	5 5 6 8 7 6 8 9 10 8
	20	30	9 8 11 13 8 7 5 7 9 9
	30	40	7 8 9 10 12 15 9 8 8 8
	40	50	8 18 14 1 11 13 12 12 13 13
	50	60	13 14 14 12 12 11 13 12 8 13
	60	70	12 12 16 16 15 18 11 11 11 10
	70	80	13 10 12 11 10 9 8 9 11 13
	80	90	13 9 7 11 10 8 9 7 5 5
	90	3800	7 5 3 4 4 1 3 5 4 4
	3800		3 5 7 4 7 8 8 6 8 9

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DAILY DRILLING REPORT

DATE 12 7 1967

COMPANY \_\_\_\_\_ LEASE Warrister WELL NO. 3  
DISTRICT \_\_\_\_\_ DIVISION \_\_\_\_\_ RIG NO. \_\_\_\_\_

TOUR 12 A.M. TO 8 A.M.

TOUR 12 A.M. TO 8 A.M.			MEN AT WORK	HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER		
			DERRICKMAN		
			FIREMAN		
			HELPER		
			HELPER		

HOURS RUN \_\_\_\_\_ HOURS LOST \_\_\_\_\_ CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 8 A.M. TO 4 P.M.

TOUR 8 A.M. TO 4 P.M.			MEN AT WORK	HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER <u>G. M. Weathers</u>		
		<u>Reg up</u>	DERRICKMAN		
			FIREMAN <u>Bernie K. Kelle</u>		✓
			HELPER <u>Clarence Baker</u>		✓
		<u>Dug Rat hole</u>	HELPER		

HOURS RUN \_\_\_\_\_ HOURS LOST \_\_\_\_\_ CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 4 P.M. TO 12 P.M.

TOUR 4 P.M. TO 12 P.M.			MEN AT WORK	HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER <u>Sylvanus Reme</u>		✓
<u>0</u>	<u>259</u>	<u>Shale &amp; Sand</u>	DERRICKMAN <u>Raymond Rame</u>	<u>4</u>	✓
<u>Run 12 JTS 85%</u>		<u>240' Set @ 249'</u>	FIREMAN <u>August Spies</u>	<u>4</u>	✓
			HELPER <u>Frank Kirchner</u>	<u>4</u>	✓
			HELPER		

HOURS RUN \_\_\_\_\_ HOURS LOST \_\_\_\_\_ CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

APPROVED \_\_\_\_\_

DAILY DRILLING REPORT

DATE 12-8 1969

COMPANY Worcester LEASE Worcester WELL NO. 3  
DISTRICT \_\_\_\_\_ DIVISION \_\_\_\_\_ RIG NO. 1

TOUR 12 A.M. TO 8 A.M.

TOUR 12 A.M. TO 8 A.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
140	200	Cement	W. J. [unclear]		8	✓
		Replacement w.o.c.	DERRICKMAN [unclear]		8	✓
		Drill plug and bit	FIREMAN Warren [unclear]		8	✓
		out 100' Cement	HELPER H. J. Bader		8	✓
			HELPER			

HOURS RUN \_\_\_\_\_ HOURS LOST \_\_\_\_\_ CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN DT NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 8 A.M. TO 4 P.M.

TOUR 8 A.M. TO 4 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
200	259	Cement	M. [unclear]		8	
259	845	Shale + Shale	DERRICKMAN			✓
			FIREMAN Kenneth [unclear]			✓
			HELPER Clarence [unclear]			
			HELPER			

HOURS RUN 4 HOURS LOST 4 CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN DT NO. ROUND TRIPS \_\_\_\_\_ SET NO. 1 CONE NO. BZ 631

TOUR 4 P.M. TO 12 P.M.

TOUR 4 P.M. TO 12 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
845	1647	Sand + Shale	Sylvanus Rome		8	✓
			DERRICKMAN Raymond Rome		8	✓
			FIREMAN August Spies		8	✓
			HELPER Frank Bruggardt		8	✓
			HELPER			

HOURS RUN 7 1/2 HOURS LOST 3 1/4 CAUSE TIME LOST Set Rig, Jet pit, Tighten clutch  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

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DAILY DRILLING REPORT

DATE 12 9 19  

COMPANY Worcester LEASE Worcester WELL NO. 3  
DISTRICT \_\_\_\_\_ DIVISION \_\_\_\_\_ RIG NO. 1

TOUR 12 A.M. TO 8 A.M.

TOUR 12 A.M. TO 8 A.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
1642	1860	Shale + Shells	Walt S. Anderson		8	✓
1860	1885	Anhydrite	DERRICKMAN Frank Fahlberg		8	✓
			FIREMAN Warren Wentercher		8	✓
			HELPER H. J. Rader		8	✓
			HELPER			

HOURS RUN 7 HOURS LOST 1 CAUSE TIME LOST sum + Rig  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN DT NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 8 A.M. TO 4 P.M.

TOUR 8 A.M. TO 4 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
1885	1896	Anhydrite	M. Helber		8	✓
1896	1970	Shale + Lime	DERRICKMAN Raymond S. ...		8	✓
			FIREMAN Ben ...		8	✓
			HELPER Clarence ...		8	✓
			HELPER			

HOURS RUN 4 1/2 HOURS LOST 1 1/2 CAUSE TIME LOST get pits + Trip sleep test  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD 19.5  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN 3 DTB NO. ROUND TRIPS 1 SET NO. 2 CONE NO. ZD 884

TOUR 4 P.M. TO 12 P.M.

TOUR 4 P.M. TO 12 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
1970	2305	Shale - Lime	Sylvanus Gome		8	✓
			DERRICKMAN Raymond Gome		8	✓
			FIREMAN August ...		8	✓
			HELPER Frank ...		8	✓
			HELPER			

HOURS RUN 7 3/4 HOURS LOST 1/4 CAUSE TIME LOST See Rig  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

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DAILY DRILLING REPORT

DATE 12-10

1969

COMPANY Worcenter LEASE Worcenter WELL NO. 3  
DISTRICT \_\_\_\_\_ DIVISION \_\_\_\_\_ RIG NO. 1

TOUR 12 A.M. TO 8 A.M.

TOUR 12 A.M. TO 8 A.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
2305	2455	Shale + lime	W. J. Radler		8	✓
			DERRICKMAN	Leon F. Ferguson	8	✓
			FIREMAN	Warren L. Harrison	5	✓
			HELPER	W. J. Radler	8	✓
			HELPER			

HOURS RUN 7 HOURS LOST 1 CAUSE TIME LOST conn. & Rig  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN DT NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 8 A.M. TO 4 P.M.

TOUR 8 A.M. TO 4 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
2455	2568	Shale + lime	M. H. Holder		1	
			DERRICKMAN	Alton L. Everett	1	✓
			FIREMAN	Kenneth K. Crook	1	✓
			HELPER	Clarence Rolling		✓
			HELPER			

Pull Bit #2 on bottom. Bit #3 @ 11:30 AM  
HOURS RUN 5 HOURS LOST 3 CAUSE TIME LOST trip & jet pit  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN YTIT NO. ROUND TRIPS 1 SET NO. 3 CONE NO. 754648

TOUR 4 P.M. TO 12 P.M.

TOUR 4 P.M. TO 12 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
2568	2737	Shale + lime	Sylvanus Bame		8	✓
			DERRICKMAN	Raymond Bame	8	✓
			FIREMAN	August Spies	8	✓
			HELPER	Frank Bergan	8	✓
			HELPER			

HOURS RUN 7 1/2 HOURS LOST 1/2 CAUSE TIME LOST Rig - Jet  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

APPROVED \_\_\_\_\_



DAILY DRILLING REPORT

DATE 12-11 1969

COMPANY Worcester LEASE Worcester WELL NO. 3  
DISTRICT \_\_\_\_\_ DIVISION \_\_\_\_\_ RIG NO. 1

TOUR 12 A.M. TO 8 A.M.

TOUR 12 A.M. TO 8 A.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
2737	2876	Shale + Lime	DRILLER <u>Jim [unclear]</u>		12	
			DERRICKMAN <u>[unclear]</u>		12	✓
			FIREMAN <u>[unclear]</u>		12	✓
			HELPER <u>[unclear]</u>		12	✓
			HELPER			

Quartzite Bit #3

HOURS RUN 9 HOURS LOST 3 CAUSE TIME LOST Shale bit, stringer, 1/2" bit  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN YTIT NO. ROUND TRIPS 4 SET NO. 3 CONE NO. 354648

TOUR 8 A.M. TO 4 P.M.

TOUR 8 A.M. TO 4 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
			DERRICKMAN			
			FIREMAN			
			HELPER			
			HELPER			

HOURS RUN \_\_\_\_\_ HOURS LOST \_\_\_\_\_ CAUSE TIME LOST 1/2 Trip Jet PPS  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 4 P.M. TO 12 P.M.

TOUR 4 P.M. TO 12 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
2876	3049	Shale - Lime	DRILLER <u>Sylvanus Horn</u>		1	✓
			DERRICKMAN <u>Raymond [unclear]</u>			✓
			FIREMAN <u>August Spic</u>		1	✓
			HELPER <u>[unclear]</u>		12	✓
		21 starch 3H Vis 14 hills	HELPER			

HOURS RUN 9 1/4 HOURS LOST 2 3/4 CAUSE TIME LOST 1/2 Trip Jet PPS  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN OSC NO. ROUND TRIPS 1/2 SET NO. 4 CONE NO. PH 762

APPROVED \_\_\_\_\_

DAILY DRILLING REPORT

DATE 12-12 1969

COMPANY Worcester LEASE Worcester WELL NO. 3  
DISTRICT \_\_\_\_\_ DIVISION \_\_\_\_\_ RIG NO. \_\_\_\_\_

TOUR 12 A.M. TO 8 A.M.

TOUR 12 A.M. TO 8 A.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
3049	3188	Lime shale	M. Wheeler		12	
			DERRICKMAN	Alton R. Everett	12	✓
			FIREMAN	Rennette Knoll	12	✓
			HELPER	Clarence K. Ballig	12	✓
			HELPER			
Pulled Out # 4 added 4 box Starch						

HOURS RUN 10 HOURS LOST 2 CAUSE TIME LOST 1/2 trip  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN OSC NO. ROUND TRIPS \_\_\_\_\_ SET NO. 4 CONE NO. PH 760

TOUR 8 A.M. TO 4 P.M.

TOUR 8 A.M. TO 4 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
			DERRICKMAN			
			FIREMAN			
			HELPER			
			HELPER			

HOURS RUN \_\_\_\_\_ HOURS LOST \_\_\_\_\_ CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 4 P.M. TO 12 P.M.

TOUR 4 P.M. TO 12 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
3188	3363	Shale - lime	Sylvanus Rome		12	✓
			DERRICKMAN	Raymond Rome	12	✓
			FIREMAN	August Spies	12	✓
		4 SA Starch	HELPER	Frank Beurgardt	12	✓
		2 Pres ?	HELPER		1	

HOURS RUN 10 HOURS LOST 2 CAUSE TIME LOST Trip, Rig, Light Plant "No Prepare"  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN OSC NO. ROUND TRIPS \_\_\_\_\_ SET NO. 5 CONE NO. PH 760

APPROVED \_\_\_\_\_

DAILY DRILLING REPORT

DATE 12-13

1969

COMPANY Worcester LEASE Worcester WELL NO. 3  
DISTRICT \_\_\_\_\_ DIVISION \_\_\_\_\_ RIG NO. 1

TOUR 12 A.M. TO 8 A.M.

TOUR 12 A.M. TO 8 A.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
3363	3464	Lime	M. Gelberg		12	
			DERRICKMAN	W. R. Everett	12	✓
			FIREMAN	Kenneth Knoll	12	✓
			HELPER	Lawrence Boring	12	✓
			HELPER			

added 5 starch 4 gal of hulls

HOURS RUN 11 HOURS LOST 1 CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN 4 OSC NO. ROUND TRIPS \_\_\_\_\_ SET NO. 5 CONE NO. P4760

TOUR 8 A.M. TO 4 P.M.

TOUR 8 A.M. TO 4 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
			DERRICKMAN			
			FIREMAN			
			HELPER			
			HELPER			

HOURS RUN \_\_\_\_\_ HOURS LOST \_\_\_\_\_ CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 4 P.M. TO 12 P.M.

TOUR 4 P.M. TO 12 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
3468	3541	Lime	Sylvanus Rome		12	✓
			DERRICKMAN	Raymond Rome	12	✓
			FIREMAN	August Spies	12	✓
		11 Starch	HELPER	Frank Bongardt	12	✓
		8 Hulls	HELPER			

Pulled Bit #5 OSC @ 3474 OBW Bit #6 V1 @ 3485

HOURS RUN 8 1/4 HOURS LOST 3 3/4 CAUSE TIME LOST Rig Bit Trip 3 3/4  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN S VI NO. ROUND TRIPS 1 SET NO. 6 CONE NO. BY956

APPROVED \_\_\_\_\_

DAILY DRILLING REPORT

DATE 12-14 1969

COMPANY Worcester LEASE Worcester WELL NO. 3  
DISTRICT \_\_\_\_\_ DIVISION \_\_\_\_\_ RIG NO. 1

TOUR 12 A.M. TO 8 A.M.

TOUR 12 A.M. TO 8 A.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
3541	3593	Lime	M. Helberg		12	
			DERRICKMAN	Alton R. Everett	12	✓
			FIREMAN	Benneth Knoll	12	✓
			HELPER	Clarence B. King	12	✓
			HELPER			
Pulled Bit #6						

HOURS RUN 9 HOURS LOST 3 CAUSE TIME LOST Trip @ 3585  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN HOSC NO. ROUND TRIPS 1 SET NO. 7 CONE NO. 077068-5

TOUR 8 A.M. TO 4 P.M.

TOUR 8 A.M. TO 4 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
			DERRICKMAN			
			FIREMAN			
			HELPER			
			HELPER			

HOURS RUN \_\_\_\_\_ HOURS LOST \_\_\_\_\_ CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 4 P.M. TO 12 P.M.

TOUR 4 P.M. TO 12 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
3593	3646	Lime	Sylvanus Rome		12	✓
			DERRICKMAN	Raymond Rome	12	✓
			FIREMAN	August Spies	12	✓
		CFS# 3630	HELPER	Frank Brangardt	12	✓
		CFS# 3646	HELPER			
		DST #1 (3613-3646)		Co Time 6 hrs ✓		

HOURS RUN 5 1/2 HOURS LOST 6 3/4 CAUSE TIME LOST Rig, Pump  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN OSC NO. ROUND TRIPS \_\_\_\_\_ SET NO. 7 CONE NO. 077068-5

APPROVED \_\_\_\_\_

DAILY DRILLING REPORT

DATE 12-15 1969

COMPANY Worcester LEASE Worcester WELL NO. 3  
DISTRICT \_\_\_\_\_ DIVISION \_\_\_\_\_ RIG NO. 1

TOUR 12 A.M. TO 8 A.M.

TOUR 12 A.M. TO 8 A.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
3646	3700	Lime	M. G. [unclear]		12	
			DERRICKMAN	Alton L. Everett	12	✓
			FIREMAN	Bennett Knoll	12	✓
			HELPER	Leroy [unclear]	8	✓
			HELPER			

6 1/4 hrs Co time  
Pulled D.S.T #1 Rec 60'  
S.O.C.M. BHP 350 = FBHF on bottom to drill @ 5:20 AM

HOURS RUN 5 1/2 HOURS LOST 6 1/2 CAUSE TIME LOST Trip D.S.T  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 8 A.M. TO 4 P.M.

TOUR 8 A.M. TO 4 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
			DERRICKMAN			
			FIREMAN			
			HELPER			
			HELPER			

HOURS RUN \_\_\_\_\_ HOURS LOST \_\_\_\_\_ CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 4 P.M. TO 12 P.M.

TOUR 4 P.M. TO 12 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
3700	3768	Lime	Sylvanus Rome		12	✓
		FSX Starch	DERRICKMAN	Raymond Rome	12	✓
		H Gel	FIREMAN	August Spies	12	✓
			HELPER	Fred Brungardt	12	✓
			HELPER			

HOURS RUN 11 3/4 HOURS LOST 4 1/4 CAUSE TIME LOST Big  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

APPROVED \_\_\_\_\_

DAILY DRILLING REPORT

DATE 12-16

1969

COMPANY Worcester LEASE Worcester WELL NO. \_\_\_\_\_  
DISTRICT \_\_\_\_\_ DIVISION \_\_\_\_\_ RIG NO. \_\_\_\_\_

TOUR 12 A.M. TO 8 A.M.

TOUR 12 A.M. TO 8 A.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
3763	3778		M. Helberg		12	
			DERRICKMAN	Alton L. Thurett	12	✓
			FIREMAN	Bennett, Knell	12	✓
			HELPER	Clarence Belling	12	✓
			HELPER	Wrs		
Last DC in hole out of hole for DST 2 Cor 1/4 lbs for samples @ 3764 Cor 1/4 lbs for samples @ 3778					4 3/4 hrs	costume
HOURS RUN	HOURS LOST	CAUSE TIME LOST				
JOINTS DRILL PIPE IN HOLE			FEET KELLY IN HOLE		WEIGHT OF MUD	
CASING RECORD: SIZE			FEET	FORMATION	LINER	CEMENT
BITS RUN			NO. ROUND TRIPS	SET NO.	CONE NO.	

TOUR 8 A.M. TO 4 P.M.

TOUR 8 A.M. TO 4 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
			DERRICKMAN			
			FIREMAN			
			HELPER			
			HELPER			
HOURS RUN			HOURS LOST		CAUSE TIME LOST	
JOINTS DRILL PIPE IN HOLE			FEET KELLY IN HOLE		WEIGHT OF MUD	
CASING RECORD: SIZE			FEET	FORMATION	LINER	CEMENT
BITS RUN			NO. ROUND TRIPS	SET NO.	CONE NO.	

TOUR 4 P.M. TO 12 P.M.

TOUR 4 P.M. TO 12 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
3778			Sylvanus Bone		12	✓
			DERRICKMAN	Raymond Bone	12	✓
			FIREMAN	August Spies	12	✓
			HELPER	Frank Brungardt	12	✓
			HELPER			
HOURS RUN			HOURS LOST		CAUSE TIME LOST	
JOINTS DRILL PIPE IN HOLE			FEET KELLY IN HOLE		WEIGHT OF MUD	
CASING RECORD: SIZE			FEET	FORMATION	LINER	CEMENT
BITS RUN			NO. ROUND TRIPS	SET NO.	CONE NO.	

APPROVED

DAILY DRILLING REPORT

DATE 12-17 1969

COMPANY Worcester LEASE Worcester WELL NO. 3  
DISTRICT \_\_\_\_\_ DIVISION \_\_\_\_\_ RIG NO. 1

TOUR 12 A.M. TO 8 A.M.

TOUR 12 A.M. TO 8 A.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
			<u>M. Selberg</u>		<u>12</u>	
			DERRICKMAN <u>Alton R. Bennett</u>		<u>12</u>	<input checked="" type="checkbox"/>
			FIREMAN <u>Kenneth Knall</u>		<u>12</u>	<input checked="" type="checkbox"/>
			HELPER <u>Clarence Kaling</u>		<u>12</u>	<input checked="" type="checkbox"/>
			HELPER			

5 hrs Co time  
on bottom with tester  
@ 9.50  
cir 2 hrs @ 3779 to land hole

HOURS RUN \_\_\_\_\_ HOURS LOST \_\_\_\_\_ CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 8 A.M. TO 4 P.M.

TOUR 8 A.M. TO 4 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
			DERRICKMAN			
			FIREMAN			
			HELPER			
			HELPER			

HOURS RUN \_\_\_\_\_ HOURS LOST \_\_\_\_\_ CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 4 P.M. TO 12 P.M.

TOUR 4 P.M. TO 12 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
<u>3785</u>	<u>3785</u>	<u>lime</u>	<u>Sylvanus Bone</u>		<u>12</u>	<input checked="" type="checkbox"/>
			DERRICKMAN <u>Raymond Bone</u>		<u>12</u>	<input checked="" type="checkbox"/>
			FIREMAN <u>August Spire</u>		<u>12</u>	<input checked="" type="checkbox"/>
			HELPER <u>Frank Bunnard</u>		<u>12</u>	<input checked="" type="checkbox"/>
			HELPER			

Co Time 11 1/2 hrs DST#2  
(3756-3778) 30-30-40-30 Rec. 45' Drily  
Mud w/ FSOI  
CFB @ 3785 DST# 3755-85

HOURS RUN 11 1/2 HOURS LOST 11 1/2 CAUSE TIME LOST Testing + Cir  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN 12 NO. ROUND TRIPS \_\_\_\_\_ SET NO. 8 CONE NO. RR

APPROVED \_\_\_\_\_

DAILY DRILLING REPORT

DATE 12-18 1969

COMPANY \_\_\_\_\_ LEASE \_\_\_\_\_ WELL NO. \_\_\_\_\_  
DISTRICT \_\_\_\_\_ DIVISION \_\_\_\_\_ RIG NO. \_\_\_\_\_

TOUR 12 A.M. TO 8 A.M.

TOUR 12 A.M. TO 8 A.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
3785	3800	shale + carb.	M. Nelson		12	
Drilling 6.30 to 8.00 AM			DERRICKMAN	Alton Everett	12	✓
Went in hole with tester, pulled			FIREMAN	Kenneth Small	12	✓
tester, went back in hole to			HELPER	Dwaine Patton	12	✓
circ for samples @ 3800 1 1/2 hr			HELPER			
						8 1/2 Hr Co time

HOURS RUN 1 1/2 HOURS LOST 10 1/2 CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 8 A.M. TO 4 P.M.

TOUR 8 A.M. TO 4 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
			DERRICKMAN			
			FIREMAN			
			HELPER			
			HELPER			

HOURS RUN \_\_\_\_\_ HOURS LOST \_\_\_\_\_ CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

TOUR 4 P.M. TO 12 P.M.

TOUR 4 P.M. TO 12 P.M.			MEN AT WORK		HOURS	RATE
From	To	Formation (Indicate Drilling or Coring)	DRILLER			
			Sylvanus Rame		8	✓
			DERRICKMAN	Raymond Rame	8	✓
			FIREMAN	August Spic	8	✓
			HELPER	Frank Brungardt	8	✓
			HELPER			
Log down pipe set #1 plug @						
900' W 100 SX #2 @ 275 W 25 SX						
#3 @ 110 W 10 SX 5950 Pbs						
Help tear down 6 1/2 gal						

HOURS RUN \_\_\_\_\_ HOURS LOST \_\_\_\_\_ CAUSE TIME LOST \_\_\_\_\_  
JOINTS DRILL PIPE IN HOLE \_\_\_\_\_ FEET KELLY IN HOLE \_\_\_\_\_ WEIGHT OF MUD \_\_\_\_\_  
CASING RECORD: SIZE \_\_\_\_\_ FEET \_\_\_\_\_ FORMATION \_\_\_\_\_ LINER \_\_\_\_\_ CEMENT \_\_\_\_\_  
BITS RUN \_\_\_\_\_ NO. ROUND TRIPS \_\_\_\_\_ SET NO. \_\_\_\_\_ CONE NO. \_\_\_\_\_

APPROVED \_\_\_\_\_