

Subsequent Report of Abandonment

FILE NOTATIONS

Entered in NID File
Entered On S R Sheet _____
Location Map Pinned _____
Card Indexed
I W R for State or Fee Land _____

Checked by Chief _____
Copy NID to Field Office _____
Approval Letter _____
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 10-3-53
OW _____ WW _____ TA _____
GW _____ OS _____ PA

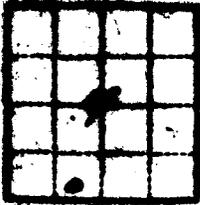
Location Inspected _____
Bond released _____
State of Fee Land _____

LOGS FILED

Driller's Log

Electric Logs (No.) _____

E I _____ E-1 GR _____ GR-N _____ Micro _____
Lat _____ Mi-L _____ Sonic _____ Others _____



**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Land Office _____
 Lease No. _____
 Well No. _____



ORIGINAL FORWARDED TO CASPER

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASINGS	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASINGS		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 10, 1953

Well No. **660** is located **660** ft. from **S** line and **1900** ft. from **W** line of sec.

16 S **12 E** **S1M**
 (Twp.) (Range) (Meridian)
Wasatch (Mounds Area) **Emery** **Utah**
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well #4 will commence approximately 60' above the top of the **Utah sandstone** and will be drilled to a depth of approximately 4,700 ft. or to a depth sufficient to test the **Marine Moenkopi** section. Rotary tools will be used and it is planned to set about 130' of 10 3/4" surface pipe cemented to surface. The top of the **Marine Moenkopi** should be reached about 3,750.

(APPROVAL IS CONDITIONAL UPON COMPLIANCE WITH THE TERMS ATTACHED HERETO)

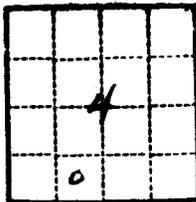
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Equity Oil Company**

Address **400 Utah Oil Building**

Salt Lake City, Utah

By *V. E. Peterson*
E. Casper
 Title **Vice President**

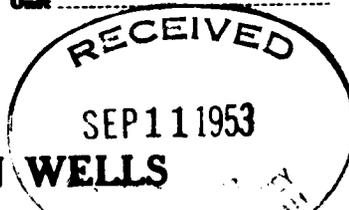


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

Land Office _____
Lease No. U-05300
Unit Not Unitized



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLAT'S		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
Notice of Intention to Run Casing	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 2, 1953

Well No. 4 is located 660 ft. from N line and 1980 ft. from W line of sec. 4

Sec. 4 SW 1/4 16 S 12 E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Howard Emery Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5,443.00.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

To run 7" casing to 3862 to the top of the marine Moenkopi. Casing string to consist of 1040 feet of 20 pound 7" J-55 SRT on bottom and 2822' of 23 pound J-55 S RT on top. Float will be set one joint above shoe. 250 sacks of cement will be used.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

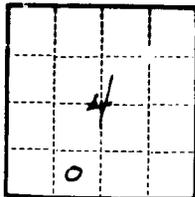
Company Equity Oil Company

Address 400 Utah Oil Building
Salt Lake City, Utah

By W. E. Peterson
 Title Vice President

Approved W. M. Peterson
 Acting

Form 10-53 (7-1-53)



(SUBMIT IN TRIPPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

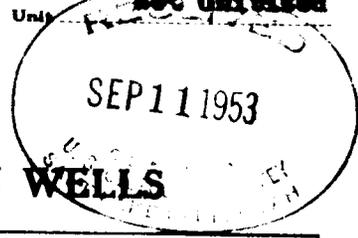
CRITICAL POINTS TO CLUSTER

Form 10-53 (7-1-53)

Land Office Salt Lake City

Lease No. U-05300

Unit Not Utilized



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	Setting Casing <input checked="" type="checkbox"/>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 5, 1953

Well No. 4 is located 660 ft. from N line and 1980 ft. from W line of sec. 4

4 SW 1/4 (1/4 Sec. and Sec. No.) 16 S (Twp.) 12 E (Range) SLM (Meridian)

Mounds (Field) Emery (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5443 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Have run casing (7") to a depth of 3862 with 250 sacks of cement. Casing string consisted of 1040 feet of 20# J-55 SRT on bottom and 2822 feet of 23# J-55 SRT on top. One joint was set between float and shoe.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Equity Oil Company

Address 400 Utah Oil Building

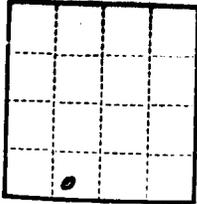
Salt Lake City, Utah

By T. E. Peterson *by*

Title Vice President E. Cooper

R. M. Larsen

acting



(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

Land Office Salt Lake City

Lease No. U-05300

Unit Not Utilized

OCT 5 - 1953

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 29, 1953

Well No. 4 is located 660 ft. from $\begin{matrix} N \\ S \end{matrix}$ line and 1980 ft. from $\begin{matrix} E \\ W \end{matrix}$ line of sec. 4

Sec. 4 SW $\frac{1}{4}$
($\frac{1}{4}$ Sec. and Sec. No.)

16 S
(Twp.)

12 E
(Range)

SLM
(Meridian)

Mounds
(Field)

Emery
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 5448 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 467L. Squeezed 200 sacks 4470-4671. Set cement plug from 4423-4470.
9-22

Treated sand oil (250 bbls.) 4335-4423. Recovered approximately 75% treat oil. To abandon. Max pres 2400# broke @ 1700#

As per telephone instructions with Mr. Ferguson of the Casper Office, Sept. 29, 1953 well will be plugged with approximately 50 sacks cement in bottom of pipe, approximately 50 sacks cement at top of pipe where shot off and a proximately 20 sacks cement in surface pipe. A steel plate will be welded over top and 4" pipe marker welded into top of plate.

Company Equity Oil Company

Address 400 Utah Oil Building - Salt Lake City, Utah

Approved OCT 12 1953

George J. Dyer
City, Utah

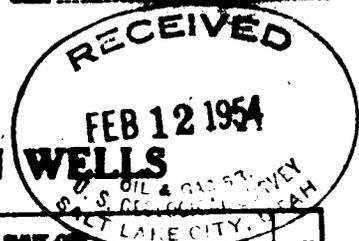
By *[Signature]*
Title Vice President



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

SUNDRY NOTICES AND REPORTS ON WELLS



NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	NOT RECORDED

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 2nd, 19 50

Well No. 4 is located 660 ft. from {N} line and 1800 ft. from {W} line of sec. 4

2N 1 Sec. 4 16S 12E 24M
(Twp.) (Range) (Meridian)
Mound Area Duchy Utah
(Township) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5430 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Set 4 joints 10-3/4" - 32.75# casing at 126 feet with 70 sacks of cement. Cement was circulated to surface.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

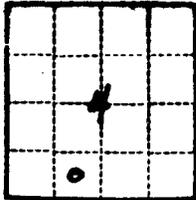
Company UNITED OIL COMPANY

Address Utah Oil Bldg.

Salt Lake City, Utah By W. B. [Signature]

Approved 5-19-54 Title Vice President

[Signature]
District Engineer



(OTHER 1" IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ORIGINAL FORWARDED TO CASPER

Local Office _____
Lance No. 20000
Unit MSB 200000



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT..... X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 11th, 1954

Well No. 4 is located 660 ft. from N line and 1900 ft. from E line of sec. 4

SW 1/4 Sec. 4 (1/4 Sec. and Sec. No.) 168 (Twp.) 12 E (Range) SLM (Meridian)
Wasatch Area (Field) Emery (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5443.0 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well was plugged by placing cement plugs in the following positions in the hole:
3619 to 3896 - 50 sacks of cement
1525 to 1720 - 50 " " "
0 to 30 - 30 " " "

A steel pipe was welded over the top of the 10-3/4" casing and a piece of 4-inch pipe about 4-foot high was welded into the top of this plate. The name and location of the well have been welded into this pipe.

2,500 feet of 7-inch casing have been pulled from the well.

The cleaning and grading of location will be done at a later date when weather conditions will allow.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company EQUITY OIL COMPANY

Address 100 Utah Oil Bldg. 8th American Oil Bldg.

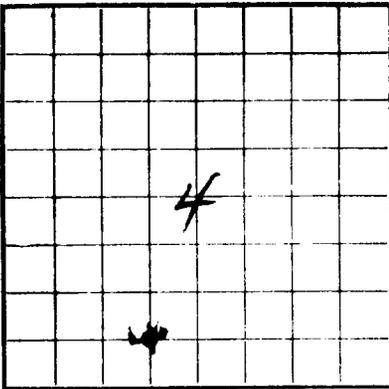
Salt Lake City, Utah By W. Peterson

Approved _____ Title Vice President

[Signature]

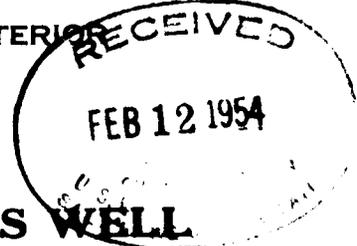
Salt Lake City
 U. S. LAND OFFICE
 SERIAL NUMBER B-05300 ✓
 LEASE OR PERMIT TO PROSPECT

14



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
 ORIGINAL FORWARDED TO CASPER
LOG OF OIL OR GAS WELL



Company EQUITY OIL COMPANY ✓ Address Salt Lake City, Utah
 Lessor or Tract Weber Oil Company ✓ Field Wildcat State Utah
 Well No. 4 ✓ Sec. 4 ✓ T. 16S ✓ R. 12E ✓ Meridian SLM County Emery
 Location 660 ft. N of S Line and 1980 ft. W of W Line of Section 4 Elevation 5443KB
(Elevation four relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date February 11, 1954 Signed [Signature] Title Vice President

The summary on this page is for the condition of the well at above date.
 Commenced drilling July 21, ✓ 1953 Finished drilling Sept. 21st 1953
 Abandoned Oct. 3, 1953

OIL OR GAS SANDS OR ZONES
 (Denote gas by G)

No. 1, from to No. 4, from to
 No. 2, from to No. 5, from to
 No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to
 No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
10-3/4	32.75	8-R	Natl	126 ✓	Halliburton	Not cut			Surface pipe
7"	20	8-R	Natl	1040	Halliburton				
7"	20	8-R	Natl	2822	Halliburton				

2,200 feet of the casing was pulled from the hole. All casing recovered was 23" J-55 7" 2.
 The 7" string was originally set at a depth of 3862 with 250 sacks of cement

MUDDING AND CEMENTING RECORD

Cement plugs wer set as follows:
 3619 to 3896 - 50 sacks
 1525 to 1720 - 50 sacks
 0 to 30 - 30 sacks

PLUGS AND ADAPTERS

Heaving plug - Material Length Depth set

TOLD MARK

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 4671 T.D. feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. G. Anderson _____, Driller
 Dallas Goodrich _____, Driller
 B. A. Mortensen _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
See attached schedule for log of well and record of drill stem tests.			
Electrical Log Tops:			
	Buckhorn cg.	523	<i>u u u u u separate</i>
	Morrison	556	
	Salt Wash	890	
	Summerville	1033	
	Curtis	1365	
	Entrada	1532	
	Carmel	1902	
	Navajo	2180	
	Wingate	2673	
	Chinle	3121	
	Shinarump	3338	
	Moenkopi	3388	
	Singed	4045	
	Kaibab	4451	
	Cocconino	4620	

Notes



As Receipts (Government)

(Case No. 1000000000)

Location: Sec. 4, T. 16 N., R. 12 E.,
660 ft. from So. Line & 1900
ft. from W. Line.

Spud Date:

Completion:

Series A1

(1A) 3967 - 3924

Cored 3967 - 3924, Recovered 57'

Red Shale: Platy, micaceous. Has some streaks, and irregular lenses of silty greenish gray, slightly calcareous shale. Also a little waxy red shale.

Series A2

(2a) 3924 - 3989
(2b) 3989 - 3931

Cored 3924 - 3969, Recovered 45 feet.

Red Shale (Like 1A)
Siltstone, hard, gray, micaceous. Very light. No show of oil or gas.
Red Shale (Like 1A)
Siltstone (Like 2B)
Red Shale (Like 1A)
Siltstone (Like 2A)
Red Shale (Like 1A)

(3a) 3931 - 3940
(3b) 3940 - 3948
(3c) 3948 - 3990
(3d) 3990 - 3994
(3e) 3994 - 3969

Cored 3969 - 4026, Recovered 57 feet.

Red shale (Like 1a and 2B)
Shale, reddish-gray, platy micaceous.
Shale, gray to greenish-gray, silty, micaceous
Siltstone, hard, gray, micaceous, calcareous tight.
Has irregular patches of oil staining scattered throughout.
Shale and siltstone: Thinly interbedded and banded shale and siltstone like in (3c) and (3d). No show of oil.

(3f) 3994 - 4011
(3g) 4011 - 4086

Cored 4026 - 4080

Series A3

(4A) 4026 - 4080

Shale and Siltstone: Hard greenish-gray shale, and shaly, pyritic siltstone, delicately banded in beds from 1/16 inch to 1/4 inch in thickness. No show of oil or gas

(4B) 4080 - 4083

Limestone: Top Sinbed Limestone - Gray, fossiliferous, fine grained, waxy. Vugs have black amorphous hydrocarbon on walls.

Series A4

(5A) 4083 - 4088

4083 - 4113 - Recovered 30 feet

Limestone and shale: Hard, fine grained, gray, shaly, limestone and calcareous silty, micaceous gray shale.
Limestone: Hard, very fossiliferous, fine grained, gray, slightly waxy. Stained and bleeding with light green oil. A few large floating sand grains. Vugs are lined with a black amorphous hydrocarbon.

(5B) 4088 - 4093

(5C) 4093 - 4102

Limestone: Dense to fine grained, hard, gray, containing a few small vugs.

(5D) 4102 - 4108

Limestone Oolite: Porous, light gray limestone oolite with odor of oil.

(56)	4108 - 4109	Argonitic	White, crystalline
(57)	4109 - 4113	Shale	Hard, greenish-gray, calcareous, pyritic, banded.
<u>Core #6</u>			
(6A)	4113 - 4126	Shale	4113 - 4119 - Recovered 57' Silty, gray and green pyritic.
(6B)	4126 - 4127	Shale	Red, silty micaceous.
(6C)	4136 - 4170	Shale	Red shale like (6B)
<u>Core #7</u>			
(7A)	4170 - 4181	shale	4170 - 4127 - Recovered 57' Red shale like (6B)
(7B)	4181 - 4227	Silty Shale	Banded gray and greenish gray silty shale. Bands are from 1/16 inch to 1/4 inch in thickness.
<u>Core #8</u>			
(8A)	4227 - 4240	Siltstone and Shale	Hard, fine grained, greenish-gray shale banded with
(8B)	4240 - 4241	Siltstone	Siltstone, micaceous, brown, tight bleeding with light green oil.
(8C)	4241 - 4242	Siltstone & Shale	Like (8A)
(8D)	4242 - 4243½	Siltstone & Shale	Like (8B) bleeding with oil.
(8E)	4243½ - 4244½	Siltstone & Shale	Like (8A)
(8F)	4244½ - 4247	Siltstone	Like (8B) bleeding oil.
(8G)	4247 - 4250	Siltstone & Shale	Like (8A)
(8H)	4250 - 4250½	Siltstone	Like (8B) bleeding oil.
(8I)	4250½ - 4251½	Siltstone & Shale	Like (8A)
(8J)	4251½ - 4253	Siltstone	Like (8B) bleeding oil.
(8K)	4253 - 4259	Siltstone & Shale	Like (8A)
(8L)	4259 - 4264	Siltstone	Like (8B) bleeding oil.
(8M)	4264 - 4265½	Siltstone & Shale	Like (8A)
(8N)	4265½ - 4266½	Siltstone	Like (8B) bleeding oil.
(8O)	4266½ - 4267	Siltstone & Shale	Like (8A)
(8P)	4267 - 4284	Siltstone	Like (8B) bleeding oil.
<u>Core #9</u>			
(9A)	4284 - 4286	Siltstone	Cored 4284 - 4341, recovered 57' Hard, micaceous, very tight, stained with oil. Bleeding with light green oil when first taken from hole.
(9B)	4286 - 4341	Shale & Siltstone	Banded fine grained, light greenish-gray shale and hard, tight, gray, calcareous siltstone. Bands are about 1/16" in thickness. Siltstone bleeding green oil from 4323-4323½

Core #10

(10A) 4341 - 4398 Shale & Siltstone

4341 - 4398, recovered 57 feet.

Like (9B) bleeding oil 4384-4385 and 4396-4397

Core #11

(11A) 4398 - 4402 Siltstone

Cored 4398 - 4455, recovered 57 feet.

Hard, shaly, banded calcareous, very tight.

(11B) 4402 - 4402½ Anhydrite

white crystalline.

(11C) 4402½ - 4406 Siltstone

Hard, shaly, grayish-red.

(11D) 4406 - 4410 Shale & Siltstone

Banded, greenish-gray shale and gray, hard calcareous, siltstone. Bands about 1/16" to 1/4" in thickness.

(11E) 4410 - 4417 Siltstone

Hard, tight, gray to black. Contains abundant black amorphous hydrocarbon in the interstices.

(11F) 4417 - 4429 Shale

Hard, silty, greenish-gray.

(11G) 4429 - 4434 Sandstone & Siltstone

Dark gray, fine grained sandstone and hard, fine grained, calcareous siltstone. Very tight, abundant black hydrocarbon.

(11H) 4434 - 4455 Shale

Smooth, light greenish-gray, pyritic.

Core #12

(12A) 4455 - 4457 Anhydrite

Cored 4455-4473, recovered 18 feet.

Gray to pink crystalline

(12B) 4457 - 4458 Siltstone

Hard, reddish-brown micaceous.

(12C) 4458 - 4459 Anhydrite

Gray, crystalline

(12D) 4459 - 4467 Siltstone

Very hard, tight, brownish-gray, calcareous, siltstone with streaks of crystalline gray anhydrite

(12E) 4467 - 4473 Shale & Siltstone

Like (9B) No show oil

Core #13

(13A) 4473 - 4481½ Dolomite

Cored 4473 - 4530, recovered 57 feet.

Very hard, gray, sandy and silty. Contains large floating grains of well rounded and frosted sand. Crystalline white

(13B) 4481½ - 4482 Anhydrite

Crystalline white

(13C) 4482 - 4486 Dolomite

Like (13A)

(13D) 4486 - 4490 Anhydrite

Like (13B)

(13E) 4490 - 4491 Limestone

Sandy, red, fine-grained, sand is med. to coarse, well rounded and frosted.

(13F) 4491 - 4512 Dolomite

Fine grained, sandy, grayish-brown. Streaks of crystalline bluish-gray anhydrite sand grains large, well-rounded and frosted.

(13G) 4512 - 4523 Siltstone

Dolomitic, very hard, fine grained, gray

(13H) 4523 - 4524 Limestone

Very fossiliferous, sandy. Large frosted sand grains

(13I) 4524 - 4530 Limestone

Very fossiliferous, dolomitic (clastic), sandy, glauconitic. Few small voids lined with bl. of amorphous hydrocarbon.

Core #24

4530-4560, Recovered 30 feet.

- (14A) 4530 - 4540 Limestone Crystalline to granular, gray dolomitic, glauconitic contains minute vugs bleeding water and lined with black amorphous hydrocarbon.
- (14B) 4540 - 4558 Siltstone Very hard, fine grained, calcareous, with large patches of crystalline white anhydrite
- (14C) 4558 - 4560 Limestone Light gray, fossiliferous fine grained, stylolitic glauconitic. Trc. anhydritic

Core #25

4560 - 4614, recovered 54 feet.

- (15A) 4560 - 4563 Limestone Like (14C)
- (15B) 4563 - 4572 Dolomite Very silty, granular, light gray, glauconitic, tight
- (15C) 4572 - 4592 Dolomite Light gray, granular trace porosity, glauconitic, patches of white crystalline anhydrite
- (15D) 4592 - 4611 Dolomite & Dolomitic Limestone Very hard, fine grained, medium gray cherty, fossiliferous. Chert is translucent blue-gray
- (15E) 4611 - 4614 Dolomite Very hard, very sandy, dark gray, cherty. Sand well rounded and frosted. Chert blue gray translucent.

Core #26

- (16A) 4614 - 4620 Dolomite Like (15E)
- (16B) 4620 - 4631 Sandstone Quartzitic dolomitic, tight, large patches black hydrocarbons scattered through section. (top coconino sandstone)
- (16C) 4631 - 4671 Sandstone Like (16B) but less tightly cemented. Few vertical fractures. Cross bedded in bottom 12 feet.

July 12, 1965

Equity Oil Company
806 American Oil Building
Salt Lake City, Utah

Re: Well No. Federal #4,
Sec. 4, T. 16 S., R. 12 E.,
Emery County, Utah

Gentlemen:

Upon checking our files we find that we do not have the electric and/or radioactivity logs for the above mentioned well. This well was drilled prior to the establishment of the Commission, however, we are making an attempt to complete our records on wells that have been drilled in the state.

It would be appreciated if you could forward said logs to this office as soon as possible.

Thank you for your assistance in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER
RECORDS CLERK

KGW/ar1