

inserted & water well

3-7-69

3-17-69 Plugged and Abandoned

FILE NOTATIONS

Entered in NID File Prior

Entered On S-R Sheet DSOC

Location Map Pinned _____

Card Indexed

IWR for State or Fee Land _____

Checked by Chief _____

Copy NID to Field Office _____

Approval Letter _____

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 1-2-55(?)

OW _____ WW TA _____

GW _____ OS _____ PA _____

Location Inspected _____

Bond released _____

State of Fee Land _____

LOGS FILED

Driller's Log _____

Electric Logs (No.) _____

E _____ I _____ EI _____ GR _____ GAN _____ Misc _____

Lat _____ MEL _____ Sols _____ Others _____

Abandoned 7-5-54

*** BASIC WELL INFORMATION ***

MENU: OPTION 00

API NUMBER: 4304711477 PROD ZONE: SEC TWN SHP RANGE QR-QR

ENTITY: 99998 (PA, LA, OR TA) 2 10.0 S 21.0 E NENE

WELL NAME: BITTER CREEK UNIT 6S-2

OPERATOR: 830314 (DE KALB AGRIC ASSN INC) MERIDIAN: S

FIELD: 630 (NATURAL BUTTES)

CONFIDENTIAL FLAG: CONFIDENTIAL EXPIRES: 0 ALT ADDR FLAG:

*** APPLICATION TO DRILL, DEEPEX, OR PLUG BACK ***

1. TYPE OF WELL (OW/GW/OT): GW 5. LEASE NUMBER: M-L 3352 LEASE TYPE: 3

4. SURFACE LOC: 1650 FNL 1564 FEL 7. UNIT NAME: BITTER CREEK

PROD ZONE LOC: 1650 FNL 1564 FEL 19. DEPTH: 5300 PROPOSED ZONE: WSTC

21. ELEVATION: 5206' KP AFD DATE: 550824 AUTH CODE:

*** COMPLETION REPORT INFORMATION *** DATE RECD: 0

15. SPUD DATE: 540312 17. COMPL DATE: 540701 20. TOTAL DEPTH: 4921'

24. PRODUCING INTERVALS:

4. BOTTOM HOLE: 1650 FNL 1564 FEL 33. DATE PROD: 0 WELL STATUS: WSW

24HR OIL: 0 24HR GAS: 0 24HR WTR: 0 G-O RATIO: 0

*** WELL COMMENTS *** API GRAVITY: 0.00

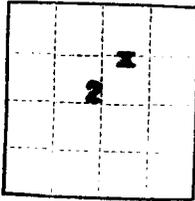
830314 WOR ADDED, GW USED PER INSPECTOR; 540706 WELL TA'D-LEAVE FOR FUTURE USE

AS A WATER WELL NEVER PRODUCED 7-7-69 OK'D FOR WSW, 3-17-69 WATER UNSUITABLE

FOR LIVESTOCK, PA REQUESTED

OPTION: 48 PERIOD(YYYM): 0 API: 4304711477 ZONE: ENTITY: 0

NO PA
INFO IN
FILE.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake**
Lease No. **State M.L. 3352**
Unit **Bitter Creek**
14-08-001-1088

ORIGINAL COPY

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

March 8, 1954

Bitter Creek Unit

Well No. **63-2** is located **1650*** ft. from **[N]** line and **1650*** ft. from **[E]** line of sec. **2**

NE/4 Sec. 2 (1/4 Sec. and Sec. No.) **108** (Twp.) **21E** (Range) **Salt Lake** (Meridian)

(Field) **Utah** (County or Subdivision) **Utah** (State or Territory)

The elevation of the ~~surface~~ ^{ground} or above sea level is **5230** 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)

It is proposed to drill this exploratory well to test for oil and gas possibilities in the Green River formation.

Surface beds are Uintah formation, and the objective horizons and their anticipated depths are: Green River formation 1560', Wasatch formation 4800'. Estimated total depth is 5000'.

The following casing program is proposed:

7" casing to be cemented at 300' with sufficient cement to ~~reach~~ ^{reach} the surface. Cementing of casing below the 7" will be contingent upon findings and well conditions. Your office will be notified prior to setting other than 7" casing.

* Approximate coordinates and elevation only. Exact coordinates and elevations will be supplied on an amended notice as soon as they are available.

(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 **General Petroleum Corporation**

Address **53 East 4th South Street**

Salt Lake City, Utah

By *[Signature]*
Title **Division Superintendent**

FEDERAL LAND

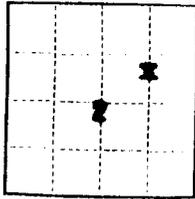
CONDITIONS OF APPROVAL

1. The lessee or operator shall mark the derrick or well in a conspicuous place with the name of the operator, well number, the land office and serial number of the lease, and location of the well and shall take all necessary precautions to preserve these markings.
2. A conductor or surface string of casing shall be run and cemented from bottom to surface unless other procedure is expressly authorized by this approval. The conductor or surface string shall be of sufficient weight and length and have installed thereon the proper and necessary high pressure fittings and equipment to keep the well under control in case an unexpected flow of gas, oil or water is encountered.
3. All showings of oil or gas are to be adequately tested for their commercial possibilities. All showings shall be properly protected by mud, cement, or casing so that each showing will be confined to its original stratum. Necessary precautions shall be taken to prevent waste or damage to other minerals drilled through and the U. S. Geological Survey, upon request, shall be furnished with carefully taken samples of such minerals as coal, potash and salt.
4. Lessee's Monthly Report of Operations (Form 9-329) shall be filed in duplicate with the office of U. S. Geological Survey, P. O. Box 400, Casper, Wyoming, not later than the sixth of the succeeding month. The report should show for this well any change of status occurring within the particular month such as date drilling commenced, suspended, resumed or completed, total depth as of the end of the month, and if shut down the reason therefor.
5. Two copies of the log of this well on Form 9-330, or other acceptable form and when available two copies of all electrical logs, directional, diameter and temperature surveys of the hole shall be filed with the district engineer within 15 days after such information is received by operator on completion of the well whichever is earlier.
6. The District Engineer, H. C. Scoville, 306 Federal Bldg., Salt Lake City 1, Utah shall be notified on Form 9-331a in triplicate giving thereon all necessary details of the proposed operation or test for proper consideration and action sufficiently in advance of making casing or formation tests, shooting or solidizing, running or cementing casing, other than the surface or conductor string, to permit approval of the notice prior to date of proposed work.

#63-2, 1663352

Approved MAR 10 1954

(Sgt. Sgd.) H. C. Scoville
District Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake**
Lease No. **State M.L. 3352**
Unit **Bitter Creek**
14-08-001-1088

ORIGINAL FORWARDED TO OFFICE

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	

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

March 17

19 54

Bitter Creek Unit

Well No. **69-2** is located **1650*** ft. from **[N]** line and **1564.2*** ft. from **[E]** line of sec. **2**

NE/4 Sec. 2
(1/4 Sec. and Sec. No.)
(Field)

108
(Twp.)

21E
(Range)

Salt Lake
(Meridian)

Uintah
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~derivation~~ ^{kelly bushing} above sea level is **5205.6*** 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)

* Surveyed co-ordinates and elevation

March 12, 1954 Spudded in at 8:00 A.M.

March 14, 1954 Drilled 9" hole to 322'. Cemented 7" casing at 322' with 70 sacks. *got returns.*

March 15, 1954 Tested casing at 800 psi for 30 minutes. O.K.

March 17, 1954 Depth 806', 6-1/8" hole drilled

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

Company **General Petroleum Corporation**

Address **53 East 4th South Street**
Salt Lake City, Utah

By *[Signature]*
Title **Division Superintendent**

Approved **MAR 19 1954**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE **Salt Lake City**
LEASE NUMBER **State M.L. 3352**
UNIT **Bitter Creek**
14-08-001-1088

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1954.

Agent's address 53 East 4th South Street Company General Petroleum Corporation
Salt Lake City, Utah Signed [Signature]

Phone 22-5981 Agent's title Division Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW NE 2	108	21E	63							Spudded 3/12/54 Drlg @ 1920' 7" Comtd. 322'

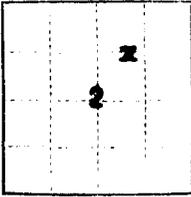
APR 7 1954

APR 13 1954

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations; duplicate with the supervisor by the 6th of the succeeding month.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau 42 R358.2
Approved for 1951
Land Office **Salt Lake**
Lease No. **State M.L. 3352**
Unit **Bitter Creek**
14-08-001-1088

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)

April 16

10 54

Bitter Creek Unit
Well No. **63-2** is located **1650** ft. from **N** line and **1564.2** ft. from **E** line of sec. **2**
NE/4 Sec. 2 **108** **21E** **Salt Lake**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utah **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~shooting~~ **helly bashing** above sea level is **5205.6** 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)

March 17-21, 1954 - Drilled 6-1/8" hole to 1695', lost circulation
March 22, 1954 to - Drilled and cored 6-1/8" hole to 2494' with partial to no circulation. Unsuccessfully attempted to regain circulation by plugging w/ cement, high pour point crude, diesel-bentonite, calsea 1 and lost circulation material.
April 13, 1954 - Ran electric log and micro-log to 2494'.

Core #1 - 2468'-2480' Rec. 12' Shale & siltstone, dark brown-grey, locally bleeds oil from bedding planes.
Core #2 - 2480'-2494' Rec. 14' Shale and siltstone, light grey to dark brown, locally bleeds oil, few vertical fractures

Preparing to run 5/8" casing

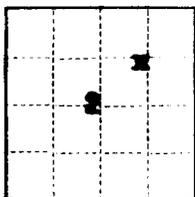
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced
Company **General Petroleum Corporation**
Address **53 East 4th South Street**
Salt Lake City, Utah

By **A.L. Hair**

APR 16 1954

Title **Division Superintendent**

AJP



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake**
Lease No. **State M.I. 3352**
Unit **Bitter Creek**
14-06-001-1088

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	<input checked="" type="checkbox"/>	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			

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

April 16, 1954

Bitter Creek Unit
Well No. **62-2** is located **1650** ft. from **N** line and **154.82** ft. from **E** line of sec. **2**
NE/4 Sec. 2 **108** **21E** **Salt Lake**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Uintah **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~drainage flow~~ **hally busting** above sea level is **5205.6** 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)

The following is to confirm telephone conversation between Mr. E. R. Terrill and Mr. H. C. Seville of April 13, 1954:

Present Condition of Well:

7" casing cemented at 325' w/ 70 sacks
6-1/8" hole drilled and cored to 245', present total depth.

Due to circulation difficulties it is now proposed to:

- (1) Cement 5 1/2" O.S. P.J. casing at 245' with 60 sacks. Pressure test casing.
- (2) Secure W.S.O. thru four holes at 245', approximately.
- (3) Clean out to 245' and drill and/or core 6-1/8" hole thru the Green River formation. Estimated total depth 3000'.

Your office will be notified prior to running other than this 5 1/2" casing.

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

Company **General Petroleum Corporation**

Address **53 East 4th South Street**

Salt Lake City, Utah

By **A.L. Blair**
Title **Division Superintendent**

Approved **APR 16 1954**

APR 13 1954

(Orig. Sgd.) H. C. Seville

13-54 GP - Terrill
Bitter Creek Unit
2494' TD

no circ

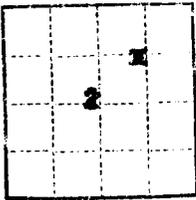
cores 68-94'

sh w 50 in fract.
to run logs + pick CP

ret 5 1/2"

(F25 OK)

apt only 2554

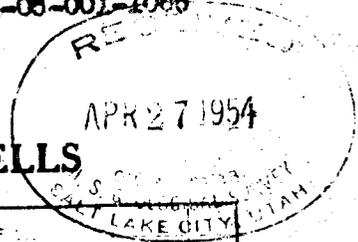


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau 12-1356
Approval expires 12-31-52
Land Office **Salt Lake**
Lease No. **State P.L. 3352**
Unit **Bitter Creek**
14-08-001-1008

ORIGINAL FORWARDED TO G131



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.....	

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

April 26

19 54

Bitter Creek Unit
Well No. **62-2** is located **1690** ft. from **[N]** line and **156.2** ft. from **[E]** line of sec. **2**

NE/4 Sec. 2
(1/4 Sec. and Sec. No.)

106
(Twp.)

21E
(Range)

Salt Lake
(Meridian)

(Field)

Uintah
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~water level~~ **kelly bushing** above sea level is **5205.6** 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)

See attached sheet

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

Company **General Petroleum Corporation**
Address **53 East 4th South Street**
Salt Lake City, Utah

By **A.L. Blair**
Title **Division Superintendent**

Approved **4-27-54**
[Signature]
District Engineer

M. S. G. S.

GENERAL PETROLEUM CORPORATION
Bitter Creek Unit - Well #63-2
Preliminary Core Description



Core #1, 2468-2480, rec. 12'

- 5' oil shale, light to dark brown, bleeding dark brown to black oil from bedding planes (est. 80 to 90 degree pour point.).
- 5½' shale, dark brown, a few sand lenses, bleeding oil.
- 1½' siltstone, light brown to gray, with some shale, slight bleeding.

Core #2, 2480-2494, rec. 14'

- 3' shale, light gray to brown, slight bleeding.
- 5' siltstone and interbedded shale, light gray to light brown, some vertical fractures, slight bleeding.
- 6' oil shale, light to dark brown, lower 4' moderate bleeding.

Core #3, 2402-2517, Rec. 15'

- 6' shale, light brown to gray, very low porosity and permeability, now show.
- 1½' shale, dark brown, some fracturing, bleeding trace heavy black oil and gas.
- 1' shale, dark brown, to black, tight, slight fracturing, trace of oil and gas bleeding.
- 4' shale, dark brown, tight, dead oil show.
- 2' sandstone, gray, fine, well rounded to sub-angular, some siltstone with interbedded shale, poor to fair (?) permeability.
- 1' sandstone, gray, very fine to medium, well rounded to sub-angular, horizontal 1/16" gilsonite seams, dead oil shows, poor to fair (?) permeability, VHT.

Core #4, 2517-2532, Rec. 15'

- 3½' sandstone, medium gray, medium, salt and pepper, slightly calcareous, no shows, poor to fair (?) permeability.
- 1½' shale, gray and sandstone, gray, very fine, with interbedded salt and pepper sand lenses, no shows.
- 1' Marlstone with interbedded gray shale, containing some fish vertebrae.
- 9' shale, gray-blue gray, calcareous, very low porosity and permeability, no fractures, near horizontal bedding.

**Water Creek Well Well 94-1
Preliminary Core Descriptions**

U. S. G.



Core 93, 295' - 296', Sec. 6'

6' Sand, gray - light brown, slight vertical fracturing cemented with calcite, no chert.

Core 94, 296' - 297', Sec. 1'

1' Sand, gray-blue gray - light brown, no fracturing, no chert.

Core 97, 298' - 299', Sec. 13'

13' Sand, gray-blue gray, locally slight fracturing filled with black needle-like crystals, locally slight oil shale chert with no blocking of flow oil, grad 20 - 30 dia.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.3
Approval expires 12-31-52.

LAND OFFICE **Salt Lake City**
LEASE NUMBER **State M.L. 3352**
UNIT **Bitter Creek**
14-08-001-1088

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 19 54.

Agent's address 53 East 4th South Street
Salt Lake City, Utah

Company General Petroleum Corporation

Phone 22-5581

Signed [Signature]
Agent's title Division Superintendent

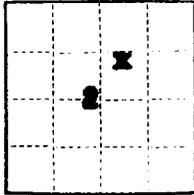
SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth, if shut down, cause, date and result of test for gasoline content of gas)
SW NE 2	10S	21E	63							Coring @ 2843' 5 1/2" Camtd. @ 2460'

U.S. GEOLOGICAL SURVEY
RECEIVED
MAY 7 1954

MAY 10 1954
U.S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

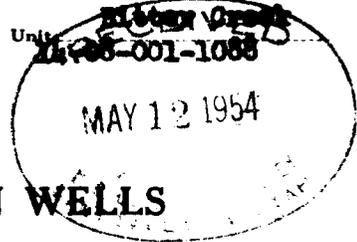
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ORIGINAL FORWARDED TO CASPER

Land Office Salt Lake
Lease No. State N.L. 3352
Unit Bitter Creek
24-05-001-1088



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
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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	

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

May 10, 1954

Bitter Creek Unit
Well No. 63-2 is located 1650 ft. from N line and 1564.2 ft. from E line of sec. 2
NE/4 Sec. 2 10S 21E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~casings~~ ^{Kelly bushing} above sea level is 5205.6 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)

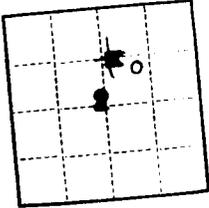
- April 26 to May 4 Cored 2576' - 3038'
- May 4 D.S.T. #2. 3016' - 3038', 2 hours, weak blow, recovered 270' muddy water w/ seam of oil. BHFP 0, BHSIP 110 psi.
- May 5 - May 9 Cored 3038' - 3410'

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

Company General Petroleum Corporation
Address 53 East 4th South Street
Salt Lake City, Utah

By A.L. Blair

Approved MAY 18 1954 Title Division Superintendent

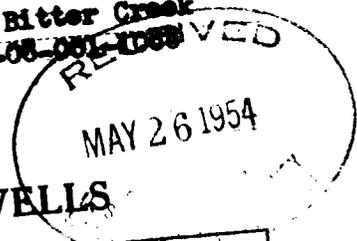


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

Budget Bureau 42-R358.2
Approval expires 12-31-52.
Land Office **Salt Lake**
Lease No. **State M.L. 3352**
Unit **Bitter Creek**
14-08-001-1000



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	

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

Well No. **63-2** is located **1650** ft. from **N** line and **1564.2** ft. from **E** line of sec. **2**
May 24 19 54

W/A Sec. 2 (Field)
108 (Twp.)
21E (Range)
Salt Lake (Meridian)
Utah (State or Territory)
Uintah (County or Subdivision)

The elevation of the ~~datum~~ **Kelly bashing** above sea level is **5205.6** 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)

May 10 - May 23 Cored 3410' - 4132'
May 24 D.S.T. #3 - 4055' - 4132', 1 hour, fair blow 20 min., weak intermittent blow 40 min., recovered 375' gas cut mud w/ approximately 5 gallons high pour point oil in tools. B.H.F.P. 375-1200 psi, B.H.S.I.P./20 min. 1540 psi. Temp. 116°.

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

Company **General Petroleum Corporation**
Address **53 East 4th South Street**
Salt Lake City, Utah

By **A.L. Hair**
Title **Division Superintendent**

Approved **6-2-54**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

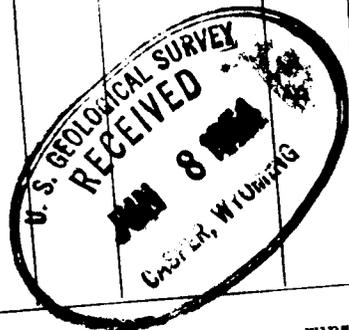
Budget Bureau No. 42-R356.4.
Approval expires 12-31-55.

LAND OFFICE Salt Lake City
LEASE NUMBER State M. L. 3352
UNIT Bitter Creek
14-08-001-1088

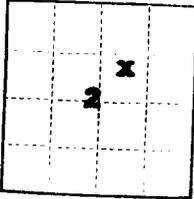
LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field _____
 The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1954,
 Agent's address 53 East 4th South Street Company General Petroleum Corporation
Salt Lake City, Utah Signed _____
 Phone 22-5581 Agent's title Division Superintendent

SEC. AND M OF M	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW NE 2	10S	21E	63							Coring @ 4153'



NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;
 _____ runs or sales of gasoline during the month. (Write "no" where applicable.)
 NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ORIGINAL RETURNED TO SENDER

Land Office Salt Lake City

Lease No. State M.L. 3352

Unit Bitter Creek
14-08-001-1088

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	

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

June 28

19 54

Bitter Creek Unit

Well No. 63-2 is located 1650 ft. from N line and 1564.2 ft. from E line of sec. 2

NE 1/4
(1/4 Sec. and Sec. No.)

10 S.
(Twp.)

21 E.
(Range)

Salt Lake
(Meridian)

(Field)

Uintah

(County or Subdivision)

Utah

(State or Territory)

The elevation of the ~~surface~~ kelly bushing above sea level is 5295.6 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)

June 10 to June 25, 1954 4296' - 4774' cored.

June 26, 1954

D.S.T. #4: 4617' - 4774', 1 hour, weak blow, gas to surface in 50 minutes - rate too small to measure, recovered 220' slightly gas cut mud, BHFP 200 psi, BHSP/20 min. 600 psi, T. 1290.

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

Company General Petroleum Corporation

Address 53 E. 4th South

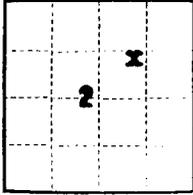
Salt Lake City, Utah

By A. L. Hair

by Gary Witt

Approved 6-29-54
A. L. Hair

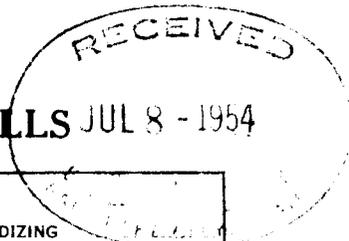
Title Div. Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **State M.L. 3352**
Unit **Bitter Creek**
14-08-001-1088



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
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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)

July 7, 19 54

Bitter Creek Unit
Well No. **63-2** is located **1650** ft. from **[N]** line and **1564.2** ft. from **[E]** line of sec. **2**

NE/4
(1/4 Sec. and Sec. No.)

10S
(Twp.)

21E
(Range)

Salt Lake
(Meridian)

(Field)

Uintah
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~surface~~ **kelly bushing** above sea level is **5205.6** 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)

June 27-July 2, 1954 - 4774'-4921' - Cored - Pipe stuck at 4680', recovered.

July 4 & 5, 1954 Ran E. Log 2494'-4768' and Microlog 2494'-3984'. Logging instruments would not go to T.D. due to hole conditions.

No need to approve
AS

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

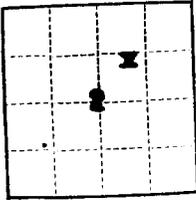
Company **General Petroleum Corporation**

Address **53 East 4th South Street**

Salt Lake City, Utah

By

Title **Division Superintendent**

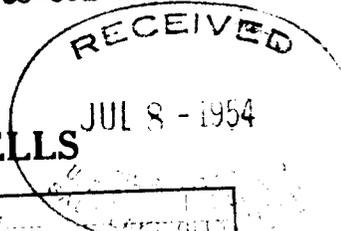


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ORIGINAL FORWARDED TO CASPEH

Budget Bureau 42-R258.2
Approval expires 12-31-52.

Salt Lake
Land Office
Lease No. State M.L. 3352
Unit Bitter Creek
14-03-001-1088



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	
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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 <u>Temporarily</u> ABANDON WELL	X		

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

July 7, 1954

Bitter Creek Unit
Well No. 63-2 is located 1650 ft. from [N] line and 1564.2 ft. from [E] line of sec. 2
NE/4 Sec. 2 10S 21E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~decision box~~ ^{Kelly bushing} above sea level is 5205.6 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)

The following is confirmation of conversation between Mr. H. C. Scoville and N. W. Schultz on June 30, 1954:

Present condition of well: 7" casing cemented at 322' with 70 sax
5-1/2" F.J. casing cemented at 2460' with 40 sax
4-3/4" hole drilled and cored to 4921', total depth.

Top Wasatch 4830' - 9.75' sax
No commercial oil or gas showings were encountered, and it is now proposed to:

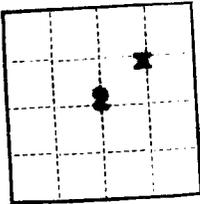
- (1) Plug at 4140' with 25 sax. Not necessary to locate plug.
- (2) Plug at 2750' with 25 sax. Clean out to 2940'.
- (3) Weld plate over 5 1/2" casing and leave well temporarily abandoned for future use as a water well.

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

Company General Petroleum Corporation
Address 53 East 4th South Street
Salt Lake City, Utah

By [Signature]
Title Division Superintendent

Approved 6:30 PM only
[Signature]
District Engineer

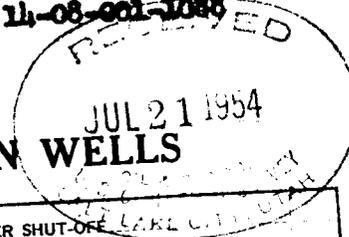


(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake**
Lease No. **State M. L. 3352**
Unit **Bitter Creek**
14-08-001-1088

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
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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)

Well No. **Bitter Creek 63-2** is located **1650** ft. from **N** line and **1564.2** ft. from **E** line of sec. **2**
108 (Twp.) **21E** (Range) **Salt Lake** (Meridian)
Utah (State or Territory)
Utah (County or Subdivision)
Kelly Bushing (Field)

The elevation of the ~~surface~~ **Kelly Bushing** above sea level is **5205.6** 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)

The following work was done in order to temporarily abandon the subject wells:

- 4 3/4" hole** (1) Displaced 13 sx of cement @ **4140'** and 12 sx @ **4010'**, did not feel for plug. *w 21 bbls mud*
- top good cement 25' 30'**
held 10000# (2) Displaced 13 sx of cement @ **2750'** and 12 sx. @ **2620'**. **Cleaned** *w 14 bbls mud*
sub tested interval 2460' - 2540'. recovered **443 bbls** of fresh water in 1 1/2 hours. *w 13 bbls mud*
- (3) Welded steel plate on **5-1/2" Csg.** at surface.

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

Company **General Petroleum Corporation**
 Address **53 East 4th South Street**
Salt Lake City, Utah

By **A. L. Blair** *A. L. Blair*
 Title **District Superintendent**
 District Engineer **For information only**
8-24-55

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 43-20882
Approved October 19-51-51

LAND OFFICE Salt Lake City
LEASE NUMBER State L.L. 119
UNIT River Creek

11-03-03-1000

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Wasatch Field _____
The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1954,

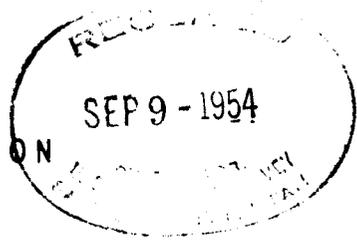
Agent's address 53 East 4th South Street Company General Petroleum Corporation
Salt Lake City, Utah Signed [Signature]
Phone 22-5581 Agent's title Division Superintendent

SEC. AND 1/4 or 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for possible content of gas)
SW NE 2	10S	21E	63							7-2, 1954 Abandoned 7/1/54

U.S. GEOLOGICAL SURVEY
RECEIVED
AUG 11 1954
CASPER, WYOMING

RECEIVED
AUG 16 1954
U.S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month. (Write "no" where applicable.)
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



**GENERAL PETROLEUM CORPORATION
WELL COMPLETION REPORT
ORIGINAL DRILLING**

STATE M.L.

OPERATOR GENERAL PETROLEUM CORPORATION
 WELL NO. BITTER CREEK UNIT #63-2
 FIELD _____
 SEC. 2, T. 10S, R. 21E S.L. B & M
 STATE Utah COUNTY Uintah
 LOCATION 1650' S. and 1564.2' W. of NE
corner of Section 2.

LAND OFFICE SALT LAKE LEASE NO. 3352
 ELEVATIONS 5205.6' (K.B.) 5192.1' (MAT)
 ENGINEER N. W. Schultz & Leroy Witt, Jr.
 GEOLOGIST J. Price
 DATE August 3, 1954
 SIGNED A. L. Hair
 TITLE Division Superintendent

COMMENCED DRILLING March 12, 1954
 COMPLETED DRILLING July 1, 1954
 TOTAL DEPTH 4921' PLUGGED DEPTH 2540'
 JUNK None
~~ABANDONED~~
~~ON PRODUCTION~~ 7/6/54 FLOWING/GAS LIFT/PUMPING
 (CROSS OUT UNNECESSARY WORDS)

GEOLOGICAL MARKERS DEPTH
Green River 1565' E.L.
Wasatch Transition 4757' (c)
Wasatch 4830' (c)

PRODUCTION DATA

PRODUCTION, CLEAN OIL		GRAVITY CLEAN OIL	TOTAL CUT S	BEAN SIZE	TUBING PRESSURE	CASING PRESSURE	GAS MCF PER DAY
INITIAL	B/D		NEVER PRODUCED				
AFTER _____ DAYS	B/D						

CASING RECORD (PRESENT HOLE)

SIZE OF CASING (A.P.I.)	DEPTH OF SHOE	TOP OF CASING	WEIGHT OF CASING	NEW OR SECONDHAND	SEAMLESS OR LAPWELD	GRADE OF CASING	SIZE OF HOLE DRILLED	NO. OF SACKS OF CEM.	DEPTH OF CEM. IF THRU PERFS.
7"	322'	13.5'	23#	New	Smls.	J-55	9"	70	
5-1/2"	2460'	11.5'	17#	New	Smls.	J-55	6-1/8"	40	

PERFORATIONS

SIZE OF CASING	FROM	TO	SIZE OF PERFS.	NO. OF ROWS	DISTANCE BET. CENTERS	METHOD OF PERFS.

ELECTRIC LOG DEPTHS 480'/4773'

DRILLED BY Clark Drilling Company

GENERAL PETROLEUM CORPORATION

HISTORY OF OIL OR GAS WELL

OPERATOR GENERAL PETROLEUM CORPORATION FIELD ---
 WELL NO. BITTER CREEK UNIT #63-2 Sec. 2 T. 10S R. 21E S.L. B&M
 Signed A. L. Hair
 DATE August 3, 1954 Title Division Superintendent

Date

1954 This well was drilled by Clark Drilling Company, contractors, using portable rotary equipment.

All depth measurements were taken from the top of the kelly bushing, 13.5' above the mat.

DRILLING A PROSPECT WELL TO TEST THE GREEN RIVER FORMATION

3/7 to Rotary equipment was moved in and rigged up.

3/11
 3/12 to 9" hole was spudded at 8:00 A.M., March 12, 1954, and drilled to 322'.
 3/13

CEMENTING 7" CASING AT 322'

3/14 7" O.D., new, 23#, J-55, 8 round thread, range 3, A.P.I., S.T.& C. casing with a Halliburton plastic float shoe on bottom was cemented at 322' with 70 sax of Portland Ideal cement. (Mixing time 7 minutes, displacing time 8 minutes. One top plug was used, and the plug was bumped, Finished at 6:30 A.M. by Halliburton Cementers.)

3/15 The 7" casing was landed on a split base plate 13.5' below the kelly bushing, and blow-out prevention equipment was installed. After standing cemented approximately 34 hours, the casing was tested at 800 p.s.i. for 30 minutes without loss of pressure.

3/15 to The plug, cement and shoe were drilled out 312' to 322' and 6-1/8" hole was drilled to 1695', at which point circulation was lost.
 3/21

3/22 6-1/8" hole was drilled and diamond cored from 1695' to 2500' without circulation. During the course of these operations, 604 sax of cement was pumped in the hole in 12 stages, 5 diesel-bentonite squeeze jobs totaling 106 sax of Aquagel were made, 75 barrels of 105° pour point crude was displaced in two stages, and 731 sax of Aquagel, 227 sax of gel flakes, 97 sax of cotton seed hulls, 73 sax of Silvacel, 220 sax of sawdust, 200 sax of gillsonite, 22 bales of pulp, 5 sax of fibertex and 40 barrels of gravel was pumped into the hole in an attempt to regain circulation. The principal point of lost circulation was determined to be at 1885'. The fluid level in the hole stood at approximately 400'. While drilling at 2278', the cores were left in the hole and were recovered using a magnet. *Core*
 4/13

GENERAL PETROLEUM CORPORATION

HISTORY OF OIL OR GAS WELL

OPERATOR GENERAL PETROLEUM CORPORATION FIELD ---
 WELL NO. BITTER CREEK UNIT #63-2 Sec. 2 T. 10S R. 21E S.L. B&M
 Signed A. L. Hair
 DATE August 3, 1954 Title Division Superintendent

Date
1954
 4/13 A Schlumberger electric log was run from 480' to 2500' and a microlog was run from 1810' to 2500'. The microlog could not be recorded above 1810'.
 4/14 to 4/15 Waiting on casing.
CEMENTING 5-1/2" CASING AT 2460'
 4/16 5-1/2" O.D., new, 17#, J-55, Ventura Tool flush joint, range 2, seamless casing with a Baker float shoe on bottom and a baffle collar at 2428' was cemented at 2460' with 40 sax of Ideal construction cement treated with 2 1/2% calcium chloride. (Mixing time 5 minutes, displacing time 15 minutes. Two top plugs were used, and the plugs were bumped. Displaced with 314 cubic feet (56 bbls.) of water. Displacing pressure 0 p.s.i., final pressure 500 p.s.i. Finished at 4:00 A.M. by Halliburton Cementers.)
 The 5-1/2" casing was landed on a Baash-Ross landing head, 11.5' below the kelly bushing, and blow-out prevention equipment was installed.
 4/17 After standing cemented approximately 38 hours, the cement plug was located at 2410' and cement and the baffle collar were drilled out to 2435'. The casing was pressure tested at 800 p.s.i. for 15 minutes without loss of pressure. Cement was drilled out to 2452'.
TESTING W.S.O. THROUGH FOUR HOLES IN 5-1/2" CASING AT 2450' (N.G.)
 4/18 A combination Johnston formation tester and four shot gun perforator was run on dry 2-7/8" tubing, 1/2" bean, and 20' of tail pipe including a perforated section, two bottom hole pressure bombs, a thermometer, and a four shot gun perforator. The 5-1/2" casing was gun perforated with four 1/2" holes at 2450'. The packer was set at 2420' with the tail pipe extending to 2440', and the valve was opened at 3:05 A.M. for one hour. There was a weak steady blow for 5 minutes, a weak intermittent blow for 10 minutes, and no blow for the remainder of the test (45 minutes). The bottom hole shut in tool was closed for 15 minutes. When the drill pipe was pulled, 2030' of salt water testing 2450 g.c.g. was recovered (11.8 bbls.) The fluid pressure was 1050 p.s.i., the B-H-F-P was 800-875 p.s.i., and the B-H-S-I-P was 875 p.s.i. The B-H-T was 108° F. It was concluded that the water-shut-off on the 5-1/2" casing at 2450' was ineffective.
SQUEEZE CEMENTING PERFORATIONS AT 2450'
 4/18 Pressure was applied, and the perforations at 2450' took fluid at a rate of 11 cubic feet (2 bbls.) per minute at 200 p.s.i. The perforations were squeezed

GENERAL PETROLEUM CORPORATION

HISTORY OF OIL OR GAS WELL

OPERATOR GENERAL PETROLEUM CORPORATION FIELD ----
 WELL NO. BITTER CREEK UNIT #63-2 Sec. 2 T. 10S R. 21E S. 11 E. 21
 Signed A. L. Hair
 DATE August 3, 1954 Title Division Superintendent

- Date
1954
- with 50 sax of Ideal construction cement mixed with 1 sax of calcium chloride. An estimated 14 sax were squeezed away at 1000 p.s.i., final pressure. Displaced with 263 cubic feet (47 bbls.) of water. Finished at 4:00 P.M. by Halliburton Cementers.
- 4/19 After standing cemented approximately 10 hours, the plug was located at 2000', and cement was drilled out to 2454'. 700 p.s.i. pressure was applied for 15 minutes without loss of pressure.
- TESTING W.S.O. ON 5-1/2" CASING THROUGH FOUR HOLES AT 2448' (N.G.)
- 4/19 A combination Johnston formation tester and four shot gun perforator was run on dry 2-7/8" tubing, 1/2" bean, and 20' of tail pipe including a perforated section, two bottom hole pressure bombs, and a four shot gun perforator. The 5-1/2" casing was gun perforated with four 1/2" holes at 2448'. The packer was set at 2418' with the tail pipe extending to 2438', and the valve was opened at 2:25 P.M. for 30 minutes. There was a light steady blow for 17 minutes and no blow for the remainder of the test (13 minutes). The bottom hole shut-in tool was closed for 10 minutes. When the drill pipe was pulled, 2068' (12.1 bbls.) of salt water testing 2220 g.c.g. was recovered. The fluid pressure was 1085' p.s.i., the B-H-F-P was 750-950 p.s.i., and the B-H-S-I-P was 950 p.s.i. It was concluded that a water-shut-off on the 5-1/2" casing at 2448' did not exist.
- SQUEEZE CEMENTING PERFORATIONS AT 2448'
- 4/20 A Baker retrievable retainer was set at 2298'. The perforations at 2448' were squeezed with a total of 200 sax of Ideal construction cement in five stages. During the first four stages, a total of 160 sax was squeezed away at no pressure. Between stages the cement was allowed to set for periods of 2 - 8 hours. The final 50 sax stage was displaced with 87 cubic feet (15.5 bbls.) of water. Displacing pressures were 400 - 1200 p.s.i., and the final pressure was 2200 p.s.i. The job was finished at 10:00 P.M. by Halliburton Cementers.
- 4/21 After standing cemented approximately 24 hours, the cement plug was located at 2324', and cement was drilled out to 2454'.
- TESTING W.S.O. ON 5-1/2" CASING THROUGH FOUR HOLES AT 2446' (O.K.)
- 4/22 A combination Johnston formation tester and gun perforator was run twice and each time the gun failed to fire.
- A McCullough four shot gun perforator was run, and the 5-1/2" casing was gun perforated with four 1/2" holes at 2446'.

GENERAL PETROLEUM CORPORATION

HISTORY OF OIL OR GAS WELL

OPERATOR GENERAL PETROLEUM CORPORATION

FIELD _____

WELL NO. BITTER CREEK UNIT #63-2

Sec. 2 T. 10S R. 21E S. 1 B&M

Signed A. L. Hair

DATE August 3, 1954

Title Division Superintendent

Date

1954

A Johnston formation tester was run on dry 2-7/8" tubing, 1/2" bean, and 20' of tail pipe including a perforated section and two bottom hole pressure bombs. The packer was set at 2420' with the tail pipe extending to 2440', and the valve was opened at 4:28 P.M. for one hour. There was a light steady blow for 2 minutes, a light intermittent blow for 8 minutes, and no blow for the remainder of the test period (50 minutes). The bottom hole shut-in tool was closed for 15 minutes. When the drill pipe was pulled, 15' of fresh drilling water was recovered. The fluid pressure was 950 p.s.i., the B-H-F-P was 0 p.s.i., and the B-H-S-I-P was 50 p.s.i. It was concluded that the water-shut-off at 2446' was effective.

A 4-3/4" bit was run and cement and the shoe were drilled out from 2454' to 2460'. The hole was cleaned out to 2500'.

4/23

to

4/24

4-3/4" hole was drilled and diamond cored 2500' to 2532'. While pulling, the diamond core barrel stuck in the 5-1/2" casing at 2300'. A string shot was run, and the drill pipe was backed off at the drill collars. Jars were run and the fish was recovered.

OPEN-HOLE FORMATION TEST OF INTERVAL 2460'/2532'

4/24

A Johnston formation tester on 119' of 4" drill collars was run on dry 2-7/8" tubing, 4-3/4" casing packer, 1/2" bean, and 15' of tail pipe including 10' of perforated, two bottom hole pressure bombs, and a thermometer. The packer was set at 2454' with the tail pipe extending to 2469', and the valve was opened at 7:59 P.M. for 4 hours 11 minutes. There was a light steady blow for 1 minute, a medium blow for 12 minutes, and a light steady blow for the remainder of the test period (3 hours 58 minutes). Gas reached the surface in 10 minutes. At 11:30 P.M., a swab was run to 2250' and an estimated 2000' of slightly muddy water testing 137 g.c.g. chloride was recovered (11.5 bbls.). Pulled loose at 12:10 A.M. (4/25/54). 970' (5.5 bbls.) of water was recovered when the drill pipe was pulled. The gas rate was estimated to be 20-25 Mcf./day. The fluid pressure was 1200 p.s.i. and the B-H-F-P was 0-900 p.s.i. (nearly static). The thermometer did not record.

4/25 to
5/4

4-3/4" hole was drilled and diamond cored from 2532' to 3038'.

OPEN-HOLE FORMATION TEST OF INTERVAL 3016'/3038'

5/4

A Johnston formation tester was run on dry 2-7/8" tubing, 1/2" bean, 4" packer, and 22' of tail pipe including 10' of perforated, and two bottom hole pressure bombs. The packer was set at 3016' with the tail pipe extending to 3038', and

GENERAL PETROLEUM CORPORATION

HISTORY OF OIL OR GAS WELL

OPERATOR GENERAL PETROLEUM CORPORATION FIELD _____
 WELL NO. BITTER CREEK UNIT #63-2 Sec. 2 T. 10S R. 21E S.L. B&M
 Signed A. L. Hair
 DATE August 3, 1954 Title Division Superintendent

Date
1954 the valve was opened at 9:09 P.M. for 2 hours. There was a weak blow for 1 hour and 40 minutes and a very weak intermittent blow for the remainder of the test period (20 minutes). The bottom hole shut-in tool was closed for 20 minutes. 270' of slightly muddy water grading to fresh water testing 5 g.c.g. with an oil scum was recovered. The fluid pressure was 1375 p.s.i., the B-H-F-P was 0 p.s.i., and the B-H-S-I-P was 110 p.s.i.

5/5 to 5/23 4-3/4" hole was diamond cored from 3038' to 4132'.
OPEN-HOLE FORMATION TEST OF INTERVAL 4055'/4132'

5/24 A Johnston formation tester was run on dry 2-7/8" tubing, two 4" packers, 1/2" bean, and 77' of tail pipe including 10' of perforated, two bottom hole pressure bombs, and a thermometer. The packers were set at 4048' and 4055', and the valve was opened at 5:25 A.M. for 1 hour. There was a light steady blow for 20 minutes followed by a weak intermittent blow for 40 minutes. The bottom hole shut-in tool was closed for 20 minutes. When the drill pipe was pulled, 375' of gas cut mud and an estimated 5 gallons of high pour point oil which was partially plugging the tools, was recovered. The fluid pressure was 2000 p.s.i., the B-H-F-P was 375-1200 p.s.i., and the B-H-S-I-P was 1540 p.s.i. (nearly static). The B-H-T was 116° F. The charts showed the tester was intermittently plugged throughout the test.

5/25 to 6/26 4-3/4" hole was drilled and diamond cored from 4132' to 4774'. During the course of these operations, heaving shale caused considerable difficulty, and several days were spent reaming, conditioning mud, and cleaning out to bottom. After conditioning and raising the mud weight to control heaving shale, the hole took a small quantity of mud.
OPEN-HOLE FORMATION TEST OF INTERVAL 4617'/4774'

6/26 A Johnston formation tester was run on dry 2-7/8" tubing, 210' of 4" drill collars with Bowen jars and Homco safety joint, two 4" packers, 1/2" bean, and 157' of tail pipe including 29' of perforated, two bottom hole pressure bombs and a thermometer. The packers were set at 4610' and 4617', and the valve was opened at 8:10 for 1 hour. There was a weak steady blow throughout the test period, and gas reached the surface after 50 minutes. The bottom hole shut-in tool was closed for 20 minutes. When the drill pipe was pulled, 220' of slightly gas cut drilling mud was recovered. The fluid pressure was 2600 p.s.i., the B-H-F-P was 200 p.s.i., and the B-H-S-I-P was 600 p.s.i. (not static). The

GENERAL PETROLEUM CORPORATION

HISTORY OF OIL OR GAS WELL

OPERATOR GENERAL PETROLEUM CORPORATION FIELD -----
 WELL NO. BITTER CREEK UNIT #63-2 Sec. 2 T. 10S R. 21E S.L. B&M
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 DATE August 3, 1954 Title Division Superintendent

Date	
1954	B-H-T was 129° F.
6/27 to 7/1	Portions of the hole were reamed, and the hole was cleaned out to 4774'. 4-3/4" hole was drilled from 4774' to 4921', total depth.
7/2 to 7/3	The drill pipe was stuck with the bit at 4680' while running in the hole. After working the pipe approximately 12 hours, the pipe was freed. The hole was reamed and cleaned out to 4921', and the mud was conditioned.
7/4	A Schlumberger electric log sonde was worked to 4774' and stuck at this point. While attempting to pull the socket loose from the sonde, the tool was pulled loose, and the hole was logged from 4773' to 2500'.
7/5	The hole was reamed and cleaned out to 4921' and the mud was conditioned. A Schlumberger microlog could not be worked below 3984', and the hole was logged from 3983' to 2497'.
	No commercial oil or gas accumulation was encountered and it was decided to temporarily abandon the well.
7/6	An Amerada pressure bomb was run to 3250' to determine the degree of swabbing action of a 4-3/4" on 2-7/8" drill pipe in 4-3/4" hole.
	<u>PLUGGING 4140'/3894'</u>
7/6	Through open end 2-7/8" drill pipe hanging at 4140' and 4010', the hole was plugged with 25 sax of Ideal construction cement in two stages of 13 and 12 sax, respectively. Displaced with a total of 214 cubic feet (40 bbls.) of mud. The plug was not located.
	<u>PLUGGING 2750'/2540'</u>
7/6	Through open end 2-7/8" drill pipe hanging at 2750' and 2620', the hole was plugged with 25 sax of Ideal construction cement in two stages of 13 and 12 sax, respectively. Displaced with a total of 151 cubic feet (27 bbls.) of mud.
7/7	After standing cemented approximately 10 hours, the plug was located at 2530', and cement was drilled out to 2540'.
	The hole was scraped from 2460' to 2500' using a scraper with 6-1/8" blades.
	Open end 2-7/8" tubing was run to 2540' and the mud in the hole was displaced with water. The tubing was pulled to 2467' preparatory to swabbing.

GENERAL PETROLEUM CORPORATION

HISTORY OF OIL OR GAS WELL

OPERATOR GENERAL PETROLEUM CORPORATION FIELD ---
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Signed A. L. Hair
DATE August 3, 1954 Title Division Superintendent

Date
1954

7/8
to
7/9

SWABBING TEST OF INTERVAL 2460'/2540'

The well was swabbed for 14 hours, and a total of 488 barrels of water was recovered. During these swabbing operations, the well was swabbed from 2400' and the fluid level stood at 700'.

Tubing was pulled and a steel plate was welded over the 5-1/2" casing. The well was temporarily abandoned in this condition and left for future use as a water well.

PRESENT CONDITION OF WELL

CASING RECORD:

7" casing cemented at 322' with 70 sax.
5-1/2" casing cemented at 2480' with 40 sax, four 1/2" holes at 2450', W.S.O.N.G., squeezed with 50 sax; four 1/2" holes at 2448', W.S.O.N.G., squeezed with 200 sax; four 1/2" holes at 2446', W.S.O.✓

TOTAL DEPTH: 4921'

PLUGGED DEPTHS: 4140'/3894' not located
2750'/2540'

JUNK: None

HOLE SIZE SUMMARY:

9" surface to 322'
6-1/8" 322' to 2500'
4-3/4" 2500' to 4921'

STATUS: Temporarily abandoned. Zone 2460'/2540' left open for future source of water.

N. W. SCHULTZ

BITTER CREEK UNIT #63-2

INCLINATION RECORD

<u>DATE</u>	<u>DEPTH</u>	<u>INCLINATION</u>
3-12-54	30'	0°30'
3-12	60'	0°30'
3-12	90'	0°15'
3-13	115'	0°30'
3-13	145'	0°30'
3-13	174'	0°30'
3-13	265'	0°30'
3-16	520'	0°30'
3-17	740'	1°0'
3-17	770'	1°0'
3-17	890'	1°0'
3-17	1021'	1°0'
3-18	1210'	1°0'
3-19	1390'	1°30'
3-19	1471'	1°30'
3-20	1522'	1°30'
3-20	1606'	1°0'
3-24	1732'	1°15'
4-12	2430'	1°30'
4-30	2740'	1°0'
5-6	3154'	2°0'
5-9	3340'	2°0'
5-12	3530'	1°15'
5-20	3935'	1°30'
6-8	4175'	2°30'
6-12	4340'	2°30'
6-24	4650'	1°30'

COMPANY GENERAL PETROLEUM CORP.

LEASE BITTER CREEK UNIT

WELL NO. 101

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

~~COMPLETED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION	
			<u>CUTTINGS SAMPLE DESCRIPTIONS</u>	
				%
			Spud in Uintah Formation	Sandstone
40	50		Sandstone, gray, micaceous, calcareous, fine; with sandstone, medium, gray to gray-green and yellowish, glauconitic in part; shale, gray-green to maroon, micaceous.	95
50	60		Same, but sandstone much coarser.	99
60	70		Sandstone, buff, gray to gray-green, fine to medium, glauconitic in part, micaceous; with shale, gray to gray-green.	99
70	80		Shale, gray, gray-green, maroon, micaceous, calcareous and glauconitic in part, with sandstone as above.	2
80	90		Same.	
90	100		Same.	
100	110		Same.	
110	120		Same.	
120	130		Same.	
130	140		Same, shale becoming silty in part.	
140	150		Same.	
150	160		Sandstone, gray, micaceous, calcareous, fine to medium with shale gray, silty, micaceous.	97
160	170		Shale, as above with sandstone as above.	35
170	180		Same.	
180	190		Sandstone, gray, gray-green, buff, medium, micaceous calcareous, glauconitic in part, much free quartz Irish.	98
190	200		Shale, gray, brown, gray-green, maroon, calcareous in part, with sandstone as above; sandstone, gray, fine, micaceous, glauconitic.	30
200	210		Same.	10
210	220		Same.	15
220	230		Same, shale becoming silty in part.	
230	240		Same.	20
240	250		Sandstone, gray to gray-green, medium, micaceous, glauconitic, calcareous with shale, gray to gray-green, maroon, sandstone, buff, medium, micaceous, calcareous; much free quartz.	90
250	260		Same.	95
260	270		Shale, gray, gray-green, maroon, calcareous in part with sandstone as above.	20
270	280		Same.	
280	290		Sandstone, gray to gray-green, buff, medium, calcareous, micaceous, glauconitic, with shale, gray, gray-green, maroon; free quartz.	90
290	300		Same.	

COMPANY GENERAL PETROLEUM CORP.

LEASE BITTER CREEK UNIT

WELL NO 6112

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

~~COOPERATION~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION	% Sandstone
300	310		Same.	80
310	320		Shale, maroon, gray, gray-green, micaceous, silty, calcareous in part with sandstone, gray to buff, medium, calcareous, glauconitic, micaceous.	25
320	330		Same.	
330	340		Same with sandstone, gray, fine, calcareous, micaceous; siltstone, red, white, gray; free quartz.	50
340	350		Same with trace black shale and gilsonite.	
350	360		Sandstone, gray, gray-green, buff, medium, calcareous, micaceous, glauconitic; sandstone, gray, fine, micaceous with shale, gray, maroon, gray-green.	75
360	370		Same.	
370	380		Same; free quartz.	85
380	390		Same.	
390	400		Same.	70
400	410		Same.	50
410	420		Same.	
420	430		Same.	
430	440		Same.	
440	450		Same.	
450	460		Siltstone, maroon, brown, gray, gray-green, with sandstone and shale as above.	70
460	470		Same.	
470	480		Same.	
480	490		Same.	
490	500		Same.	
500	510		Siltstone, maroon, gray, calcareous, micaceous with shale, maroon, gray, gray-green. (mostly maroon in color.)	80
510	520		Same.	
520	530		Same.	
530	540		Same.	
540	550		Same.	
550	560		Same with sandstone gray, medium, micaceous, calcareous. (mostly gray and gray-green in color)	70
560	570		Same.	
570	580		Same.	
580	590		Same.	
590	600		Same with sandstone, buff, micaceous, calcareous, fine.	
600	650		No sample.	
650	660		Shale, gray, gray-green, maroon with siltstone, gray, gray-green, maroon.	50
660	670		Same.	

COMPANY GENERAL PETROCORP.

LEASE BITTER CREEK

WELL NO. 63

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

~~SOUTH~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION	
670	680		Same with sandstone, gray, fine to medium, micaceous, calcareous.	
680	690		Same.	
690	700		Siltstone, gray, gray-green, micaceous, calcareous with sandstone gray, very fine to medium, micaceous, calcareous; shale, gray, gray-green, maroon.	70
700	710		Same.	
710	720		Same.	60
720	730		Same.	80
730	740		Same.	90
740	750		Same.	
750	760		Same.	
760	770		Same.	80
770	780		Same.	
780	790		Same.	
790	800		Same.	
800	810		Sandstone, gray, medium, poorly cemented, with shale as above. Trace pyrite.	90
810	820		Sandstone, gray, very fine to medium, poorly cemented.	100
820	830		Same.	
830	840		Sandstone, gray, gray-green, very fine to medium, micaceous; siltstone, gray, gray-green; shale, gray, gray-green, maroon, with free quartz.	85
840	850		Same.	
850	860		Same with sandstone, buff, medium.	90
860	870		Same.	85
870	880		Same, sandstone much coarser.	90
880	890		Same.	
890	900		Same.	
900	910		Sandstone, gray, grey-green, buff, very fine to medium, micaceous, calcareous, with siltstone, gray, gray-green, micaceous; shale, gray, gray-green, red, brown; free quartz.	80
910	920		Same.	
920	930		Same.	
930	940		Same with limestone, brown, silty.	50
940	950		Limestone, brown, silty with sandstone, siltstone and shale as above.	25
950	960		Same.	
960	970		Siltstone, gray, very calcareous, micaceous with limestone, brown, silty; sandstone, gray, very fine to fine, micaceous, calcareous; shale, gray.	80
970	980		Same. Trace gilsonite (?)	60
980	990		Same.	

LOCATION: 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDDED March 12, 1954

~~COMPLETION~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION	
990	1000		Limestone, light to dark brown, silty with siltstone, sandstone, shale, as above, trace gilsonite (?).	40
1000	1010		Same; trace green shale.	
1010	1020		Same, but no green shale or gilsonite (?).	
1020	1030		Same.	
1030	1040		Siltstone, gray, very calcareous, micaceous with limestone, brown, silty; shale, gray, gray-green, calcareous; sandstone very fine to fine, micaceous, calcareous, gray.	70
1040	1050		Same. Trace maroon shale.	90
1050	1060		Same. Trace gilsonite.	
1060	1070		Same. Limestone decreasing.	
1070	1080		Same, but no maroon shale.	
1080	1090		Same.	
1090	1100		Same.	
1100	1110		Same, no gilsonite.	
1110	1120		Same.	
1120	1130		Same, limestone increasing.	70
1130	1140		Same.	
1140	1150		Same.	
1150	1160		Same. Trace gray-green shale.	
1160	1170		Same.	
1170	1180		Limestone, brown, silty; siltstone, gray, calcareous micaceous; sandstone, gray, fine to medium, micaceous, calcareous, with shale, gray, maroon, gray-green.	50
1180	1190		Same. Trace gilsonite.	
1190	1200		Same. Trace sandstone, green, medium; no gilsonite.	20
1200	1210		Same, but no green sandstone.	5
1210	1220		Same. 80% limestone.	
1220	1230		Same.	
1230	1240		Shale, gray to brown, gray-green, maroon, calcareous; siltstone, gray to brown, silty, with sandstone, fine, gray, calcareous.	40
1240	1250		Siltstone, as above, gray-green; with limestone, brown silty; shale, sandstone as above.	55
1250	1260		Same, with limestone, dark gray, silty.	
1260	1270		Same, no gray-green siltstone.	60
1270	1280		Same.	
1280	1290		Same.	
1290	1300		Same.	
1300	1310		Same.	
1310	1320		Same.	
1320	1330		Same.	
1330	1340		Same.	40

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDDED March 12, 1954

~~SPUDDED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION	
1340	1350		Same.	50
1350	1360		Shale, gray, brown, micaceous, calcareous, with limestone, brown, dark gray, silty; siltstone, gray, brown, calcareous; sandstone, very fine to fine, calcareous, gray. Trace gray-green and maroon sandstone and siltstone.	40
1360	1370		Same. <u>Sandstone partially oil stained ? (contaminated ??)</u>	
1370	1380		Limestone, dark gray, brown, silty, with sandstone, siltstone, shale as above. No staining.	10
1380	1390		Same. <u>Trace oil stained sandstone</u> and gilsonite.	
1390	1400		Same. No oil staining or gilsonite.	5
1400	1410		Same.	
1410	1420		Same. Trace oil stained sandstone and gilsonite.	10
1420	1430		Limestone, dark, gray-brown, sugary texture. Siltstone, gray, calcareous. Sandstone, very fine grained, gray, oil stain or gilsonite.	
1430	1440		Same.	
1440	1450		Same. Medium grained sandstone with live oil shows.	
1450	1460		Same. Sandstone more abundant - no shows.	
1460	1470		Same.	
1470	1480		Same. Detrital quartz grains.	
1480	1490		Same.	
1490	1500		Same. Limestone increasing.	
1500	1510		Same.	
1510	1520		Same. Limestone increasing.	
1520	1530		Same.	
1530	1540		Same.	
1540	1550		Same.	
1550	1560		Shale, dolomitic, light brown. Trace sandstone.	
1560	1570		Same.	
1570	1580		Same. Trace siltstone.	
1580	1590		Same. Trace siltstone and fine grained sandstone.	
1590	1600		Same.	
1600	1610		Same, with trace of gilsonite and black tarry oil.	
1610	1620		Sandstone, very fine grained, light gray, shale, light brown, pyritic. Siltstone and trace of gilsonite and oil.	
1620	1630		Siltstone, gray to brown; sandstone, fine grained; shale, light brown to brown; limestone, gray and brown.	
1630	1640		Shale, brown. Trace shale, green.	
1640	1650		Shale, brown, pyritic. Trace black oil (dead).	
1650	1660		Shale, brown. Trace black dead oil.	
1660	1670		Same. No trace oil.	
1670	1680		Same, trace gray-green shale.	
1680	1690		Same.	
1690	1870		No samples - lost circulation zone.	

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDDED March 12, 1954

~~COMPLETED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
1870	1880		Shale, brown to red-brown, calcareous, with siltstone, white, gray; shale, gray, gray-green. Trace sandstone, gray to gray-green, micaceous, very fine.
1880	2468		No samples - lost circulation zone. (6' depth correction)
			<u>CORE #1 2474'/2486' Rec. 12'</u>
2474	2479	5'	Oil shale, light to dark brown, bleeding oil.
2479	2484½	5½'	Oil shale, dark brown, few sand lenses, bleeding oil.
2484½	2486	1½'	Siltstone, light brown to gray with some oil shale, slight bleeding.
			<u>CORE #2 2486'/2500' Rec. 14'</u>
2486	2489	3'	Shale, light gray to brown, slight bleeding.
2489	2494	5'	Siltstone and interbedded shale, light gray to light brown, some vertical fracturing, slight bleeding.
2494	2500	6'	Oil shale, light to dark brown, lower 4' moderately bleeding oil.
2500	2502		Drilled.
			<u>CORE #3 2502'/2517' Rec. 15'</u>
2502	2508	6'	Shale, light brown to gray, very low porosity and permeability, oil stains (very weak) in a short zone 2503'/2504'.
2508	2509	1'	Shale, dark brown to black, tight, slight fracturing, slight bleeding of oil and gas, oil heavy black oil, estimated 80-100 pour point.
2509	2510	1'	Shale, dark brown to black, tight, but some vugs.
2510	2514	4'	Shale, dark brown, tight, dead oil show.
2514	2516	2'	Sandstone, salt and pepper, medium grained, well rounded to sub-angular, calcareous. Siltstone calcareous interbedded with shale.
2516	2517	1'	Sandstone, very fine grained to medium grained, calcareous, salt and pepper, well rounded to sub-angular, dead oil shows. Gilsonite bed 1/16" seam along horizontal bedding planes, water bearing, porosity and permeability poor to fair.
			<u>CORE #4 2517'/2532' Rec. 15'</u>
2517	2520½	3½'	Sandstone, salt and pepper, medium grained, slightly calcareous, water sand. No oil or gas shows.
2520½	2522	1½'	Shale, gray interbedded with sandstone, very fine grained, gray, interbedded with salt and pepper sandstone lenses.
2522	2523	1'	Marlstone, interbedded gray shale, some fish vertebrae.
2523	2532	9'	Shale, gray to blue-gray, calcareous, probably low porosity and permeability, well bedded, no fractures.

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDDED March 12, 1954

~~COMPLETION~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
			<u>CORE #13 2648'/2663' Rec. 15'</u>
2648	2648½	½'	Shale, light brown, with slight trace oil and gas.
2648½	2651	2½'	Shale and sandstone, light gray and light brown.
2651	2656	5'	Sandstone, light gray, brown with numerous shale partings, tight.
2656	2659	3'	Oil shale, light to dark brown, sand partings, some small vertical fractures, spotty oil show.
2659	2662	3'	Shale, dark gray and brown, some fractures, slight gas bleed in last foot.
2662	2663	1'	Oil shale, light gray and brown, with sandstone lenses, sandstone very fine, gray, tight. Last 2" slight oil bleeding.
			<u>CORE #14 2663'/2668' Rec. 1'</u>
2663	2664	1'	Shale, light to dark brown, light gray, sandy in part. (Plugged inner barrel)
2664	2668		<u>Missed.</u>
			<u>CORE #15 2668'/2671' Rec. 0</u>
2668	2671		No recovery.
			<u>CORE #16 2671'/2678' Rec. 1½'</u>
2671	2672½	1½'	Shale gray to brown, probable vertical fractures (plugged inner barrel)
2672½	2678		<u>Missed.</u>
			<u>CORE #17 2678'/2683' Rec. 5'</u>
2678	2680	2'	Shale, light - dark brown, gray, some vertical fractures. No shows.
2680	2682	2'	Siltstone, gray, interbedded with shale (includes poor grade oil shale), vertical fractures with dead oil dark brown - black stain.
2682	2683	1'	Shale, light - dark brown, gray.
			<u>CORE #18 2683'/2698' Rec. 15'</u>
2683	2684	1'	Oil shale, gray to brown, no bleeding.
2684	2689½	5½'	Shale, gray-green to dark gray, upper 2' vertical fractures.
2689½	2691½	2'	Sandstone, very fine grained to medium grained, hard, tight, interbedded with gray-green shale. Upper 3" bleeding gas and oil (black).
2691½	2698	6½'	Shale, blue gray, few light brown oil shale stringers, no bleeding.
			<u>CORE #19 2698'/2710' Rec. 12'</u>
2698	2704	6'	Oil shale, light to dark brown, vertical fractures with dead oil.
2704	2710	6'	Oil shale, medium brown to gray.

COMPANY GENERAL PETROLEUM CORP.

LEASE BITTER CREEK UNIT

WELL NO. 63-2

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDDED March 12, 1954

~~SPUDDED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
			<u>CORE #20 2710'/2725' Rec. 14'</u>
2710	2716 $\frac{1}{2}$	6 $\frac{1}{2}$ '	Oil shale, light to dark brown, some gray, tight fine sandstone saturated with oil at 2717' (1").
2716 $\frac{1}{2}$	2718 $\frac{1}{2}$	2'	Sandstone and shale, light gray and brown.
2718 $\frac{1}{2}$	2722	3 $\frac{1}{2}$ '	Oil shale, light to dark brown, some vertical fracturing.
2722	2722 $\frac{1}{2}$	$\frac{1}{2}$ '	Sandstone and shale, light to dark gray, tight, fine grained sandstone.
2722 $\frac{1}{2}$	2724	1 $\frac{1}{2}$ '	Oil shale, light gray and brown, vertical fractures, with thin (1/8") interbedded sandstone lenses. Random spots of oil appeared in oil shales after exposure of 1 hour.
2724	2725		<u>Missed.</u>
			<u>CORE #21 2725'/2740' Rec. 15'</u>
2725	2727 $\frac{1}{2}$	2 $\frac{1}{2}$ '	Oil shale, light to dark brown, gray, slightly calcareous, no bleeding.
2727 $\frac{1}{2}$	2730 $\frac{1}{2}$	3'	Marlstone, light brown, tight, slight gas bleeding.
2730 $\frac{1}{2}$	2735 $\frac{1}{2}$	5'	Oil shale, light to dark brown, dark gray, mottled with marlstone, light brown to gray, slight bleeding of gas, no oil bleeding.
2735 $\frac{1}{2}$	2737 $\frac{1}{2}$	2'	Shale, dark gray, light to dark brown oil shale, slight bleeding of gas, no oil bleeding, traces of gilsonite.
2737 $\frac{1}{2}$	2740	2 $\frac{1}{2}$ '	Marlstone, light brown, shale, light to dark brown, sandstone very fine grained, gray, tight, slight bleeding of gas and oil. Oil black, high pour point, fluorescent, dull gold color, no cut.
			<u>CORE #22 2740'/2755' Rec. 15'</u>
2740	2746 $\frac{1}{2}$	6 $\frac{1}{2}$ '	Shale, gray to gray-green, light brown, some oil shale. No bleeding, some gilsonite.
2746 $\frac{1}{2}$	2749 $\frac{1}{2}$	3'	Marlstone, light to dark brown, siltstone, calcareous with some shale streaks, few vertical fractures, slight bleeding of gas.
2749 $\frac{1}{2}$	2755	5 $\frac{1}{2}$ '	Shale, dark gray to gray-green, light to dark brown, lower 3' with interbedded gray siltstone, few vertical fractures, slight gas bleeding, no oil bleeding.
			<u>CORE #23 2755'/2770' Rec. 15'</u>
2755	2756 $\frac{1}{2}$	1 $\frac{1}{2}$ '	Oil shale, dark to light brown, gray, no bleeding gas or oil.
2756 $\frac{1}{2}$	2758	1 $\frac{1}{2}$ '	Marlstone, light brown interbedded with sandstone, fine to medium grained, light brown and gray, no bleeding.
2758	2761	3'	Shale, gray, some oil shale, light to dark brown, few vertical fractures, no bleeding of gas or oil.
2761	2763 $\frac{1}{2}$	2 $\frac{1}{2}$ '	Shale, gray, light to dark brown oil shale, interbedded sandstone, light brown, very fine grained, tight, no bleeding, few vertical fractures.
2763 $\frac{1}{2}$	2765	1 $\frac{1}{2}$ '	Marlstone, light brown, few vertical fractures with black dead oil, no bleeding.
2765	2770	5'	Oil shale, light to dark brown, marlstone, light brown, limestone, gray, few vertical fractures, no bleeding.



Oil and Gas Unit 153

COMPANY: General Petroleum Corporation

LOCATION: NW/4 Sec. 2, T.10S., R.21E., Salt Lake Meridian, Uintah County, Utah

Summary of operations for period April 14, 1954 to April 25, 1954, inclusive:

- April 14 Waiting on 5 1/2" casing
- April 15 Cemented 5 1/2" OD, 17#, J55, Ventura F.L. casing at 2460' w/ 40 sax.
- April 16 Landed 5 1/2" casing and installed B.O.P.
- " 17 C.O. cement to 2435'. Tested casing at 800 psi for 15 minutes O.K. C.O. cement to 2452'.
- " 18 Ran J.F.T. and 4 shot gun on dry 2-7/8" tubing, 1/2" bean, 5" packer and 20' tail incl. perforations, 2 B.H.P. bombs, thermometer and 4 shot gun. Perforated four 1/2" holes at 2450'. Packer 2420', tail 2440'. One hour. Weak steady blow 5 minutes, weak intermittent blow 10 minutes, and dead remainder of test. S.I. 15 minutes. Recovered 2030' of salt water (11.8 bbls.) B.H.F.P. 800-875 psi, B.H.S.I.P. 875 psi. B.H.T. 108°F. W.N.S.O. at 2450'. Squeezed holes at 2450' with 50 sax. Squeezed 1/4 sax away at 1000 psi. C.O. cement to 2454'. Tested casing at 800 psi for 15 minutes O.K.
- April 19 Ran J.F.T. and four shot gun on dry 2-7/8" tubing, 1/2" bean, 5" packer and 20' tail including perforations, 2 B.H.P. bombs and gun. Shot four 1/2" holes at 2448'. Set packer at 2418', and opened tester for 30 minutes. Light steady blow 17 minutes, dead 13 minutes, S.I. 10 minutes. Recovered 2068' of salt water. B.H.F.P. 750-950 psi, B.H.S.I.P. 950 psi. W.N.S.O. at 2448'. Squeezed holes at 2448' with 100 sax in three stages. No pressure buildup. Squeezed with 50 sax at 200 psi, final. Stood 8 hours. Squeezed with 50 sax by stages with 400 psi to 2200 psi, final.
- April 21 Cleaned out to 2454'.
- April 22 Perforated 5 1/2" casing with four 1/2" holes at 2446'. Ran J.F.T. on dry 2-7/8" tubing, 1/2" bean, 20' tail, including perforations, 2 bombs. Packer 2420'. Opened at 4:28 P.M. for 1 hour. Light steady blow 2 1/2 minutes, light intermittent blow for 8 minutes and dead 50 minutes. Recovered 15' drilling water. Hydrostatic 950 psi, B.H.F.P. 0 psi. W.S.O. at 2446'. Cleaned out to 2500'. (Corrected measurement).
- April 23 Drilled and cored 4-3/4" hole 2500'-2532'.
- April 24 D.S.T. #1 2460'-2532', 4 hours, 11 minutes. Light steady blow 1 minute. Medium blow 12 minutes and light steady blow for remainder of test. Gas up in 10 minutes. Estimated 20-25 Mcf/d rate. Ran swab to 2250' after 3 1/2 hours. Recovered estimated 2000' slightly muddy salt water (11.5 bbls). Upon pulling drill pipe recovered 970' salt water (5.5 bbls). Hydrostatic 1200 psi, B.H.F.P. 0-900 psi (nearly static).
- April 25 Drilled and cored 4-3/4" hole 2532'-2576'.

SIP report no 51 tool no

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDDED March 12, 1954

~~COMPLETED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
<u>CORE #24 2770'/2785' Rec. 15'</u>			
2770	2773½	3½'	Marlstone, light brown, shale gray, slight bleeding of oil and gas. Few vertical fractures.
2773½	2776½	3'	Shale, light to dark gray, no shows.
2776½	2777½	1'	Marlstone as described above, dead oil, bleeding gas (slight).
2777½	2780½	3'	Shale, as above.
2780½	2785	4½'	Marlstone, as above, with shale, gray, siltstone, calcareous, few vertical fractures, slight bleeding of gas and oil.
<u>CORE #25 2785'/2800' Rec. 15'</u>			
2785	2792	7'	Shale, green, gray.
2792	2794	2'	Shale, gray; marlstone, light brown; limestone, gray, few vertical fractures, no shows.
2794	2800	6'	Shale, gray, interbedded with sandstone, very fine, salt and pepper, no shows.
(2' depth correction)			
<u>CORE #26 2798'/2813' Rec. 14'</u>			
2798	2805	7'	Shale, dark gray, calcareous.
2805	2812	7'	Shale, dark gray, calcareous and interbedded sandstone, light gray, very fine, salt and pepper, a few vertical fractures filled with calcite.
2812	2813		<u>Missed.</u>
<u>CORE #27 2813'/2828' Rec. 15'</u>			
2813	2815	2'	Shale, dark gray with sandstone, light gray, salt and pepper, very fine.
2815	2817	2'	Shale, dark gray.
2817	2818	1'	Shale, dark gray with sandstone, light gray, salt and pepper, very fine.
2818	2828	10'	Sandstone, light gray, very fine, salt and pepper, poor porosity and permeability (water sand), slight trace dead oil.
<u>CORE #28 2828'/2843' Rec. 13'</u>			
2828	2829½	1½'	Shale, dark gray with sandstone, light gray, salt and pepper, very fine.
2829½	2831	1½'	Sandstone, light gray, salt and pepper, very fine.
2831	2832½	1½'	Shale, dark gray with sandstone, light gray, salt and pepper, very fine.
2832½	2834½	2'	Shale, dark gray.
2834½	2841	6½'	Sandstone, light gray, salt and pepper, very fine with shale, dark gray.
2841	2843		<u>Missed.</u>

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

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TOP	BOTTOM	REC'Y	FORMATION
			<u>CORE #29 2843'/2858' Rec. 15'</u>
2843	2849	6'	Shale, dark gray with sandstone, light gray, very fine, salt and pepper, a very few dark brown oil shale stringers.
2849	2850 $\frac{1}{2}$	1 $\frac{1}{2}$ '	Shale, dark gray with sandstone, light gray, very fine, salt and pepper, and dark brown oil shale stringers.
2850 $\frac{1}{2}$	2858	7 $\frac{1}{2}$ '	Shale, dark gray with shale, dark brown stringers (oil shale), no bleeding.
			<u>CORE #30 2858'/2873' Rec. 15'</u>
2858	2873	15'	Shale, dark gray, green and shale, dark brown (oil shale), no bleeding. (1' depth correction)
			<u>CORE #31 2874'/2889' Rec. 15'</u>
2874	2877	3'	Shale, gray-green.
2877	2881	4'	Marlstone, light brown, trace oil shale, bedding gas, no oil bleeding.
2881	2883	2'	Shale, dark gray-green to black, no bleeding gas or oil.
2883	2887	4'	Marlstone, as above; trace gilsonite, oil shale; no oil bleeding; trace gas bleeding.
2887	2889	2'	Oil shale, light to dark brown; no bleeding gas or oil.
			<u>CORE #32 2889'/2904' Rec. 15'</u>
2889	2890	1'	Shale, gray and green.
2890	2891	1'	Oil shale, light to dark brown, gray, green; trace gilsonite or dead oil; no bleeding.
2891	2894	3'	Shale, gray and green.
2894	2904	10'	Oil shale, light to dark brown, with a little green shale in bottom foot; trace dead oil or gilsonite. Small lenses of a very pyritic and quartzitic light to dark brown shale (93', 96', 03'). Possibly small cavities filled with pyrite and quartz. No bleeding.
			<u>CORE #33 2904'/2919' Rec. 15'</u>
2904	2919	15'	Oil shale, light to dark brown, some green, a few vertical fractures; no bleeding.
			<u>CORE #34 2919'/2933' Rec. 14'</u>
2919	2930	11'	Oil shale, light to dark brown, bleeding a very little gas from lower part, no oil bleeding, a few vertical fractures.
2930	2932	2'	Sandstone, light brown, medium grained, salt and pepper, fair porosity and permeability, with oil shale stringers; no bleeding.
2932	2933	1'	Oil shale, dark brown; no bleeding.

COMPANY GENERAL PETROLEUM CORP.

LEASE BITTER CREEK UNIT

WELL NO. 402

ELEVATION 5205.6' K.B. LOCATION: 1450' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

~~COMPLETED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
2933	2940	7'	<u>CORE #35 2933'/2948' Rec. 15'</u> Oil shale, dark brown and gray, bleeding a little oil and gas; sand zone at 38 and 39 bleeding oil, sandstone is light brown, fine to medium grained, fair permeability and porosity; some gilsonite in lower foot.
2940	2943	3'	Marlstone, light brown, fossiliferous.
2943	2948	5'	Oil shale, dark brown and gray, a few fish remains, slight bleeding of gas; no oil bleeding.
2948	2949	1'	<u>CORE #36 2948'/2963' Rec. 15'</u> Shale, dark brown, no bleeding.
2949	2950	1'	Marlstone, light brown.
2950	2959	9'	Oil shale, medium gray and some brown, a few fish remains; no bleeding.
2959	2961	2'	Marlstone, light brown, vertical fractures with a slight oil bleeding.
2961	2963	2'	Oil shale, light to dark brown; no bleeding; some fish remains.
2963	2964	1'	<u>CORE #37 2963'/2975' Rec. 12'</u> Shale, calcareous, dark gray.
2964	2967	3'	Marlstone, light brown; shale as above; slight bleeding of oil and gas.
2967	2969	2'	Shale as above.
2969	2970	1'	Breccia, angular fragments of shale with marlstone matrix.
2970	2973	3'	Marlstone as above; sandstone, very fine grained, gray; few vertical fractures.
2973	2975	2'	Sandstone, gray, fine grained, slight bleeding of gas and oil; few vertical fractures partly replaced with calcite.
2975	2976 $\frac{1}{2}$	1 $\frac{1}{2}$ '	<u>CORE #38 2975'/2990' Rec. 15'</u> Oil shale, dark brown to dark gray (bottom 1' bleeding heavy high pour point black oil).
2976 $\frac{1}{2}$	2978	1 $\frac{1}{2}$ '	Sandstone, salt and pepper, fine to medium grained; marlstone, light brown, slight bleeding of gas and oil; few vertical fractures.
2978	2984 $\frac{1}{2}$	6 $\frac{1}{2}$ '	Shale, light green, gray with interbedded siltstone and fine grained sandstone.
2984 $\frac{1}{2}$	2986 $\frac{1}{2}$	2'	Sandstone, fine grained, gray.
2986 $\frac{1}{2}$	2990	3 $\frac{1}{2}$ '	Shale with interbedded siltstone and fine grained sandstone as above.

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

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TOP	BOTTOM	REC'Y	FORMATION
			<u>CORE #39 2990'/3005' Rec. 15'</u>
2990	2994	4'	Shale, gray to gray-green, calcareous.
2994	2999	5'	Sandstone, gray, fine grained with interbedded shale, thin beds; few plant impressions (?), tight.
2999	3005	6'	Shale, gray to blue-gray; sandstone - siltstone, gray interbedded; few vertical fractures. No shows.
			<u>CORE #40 3005'/3020' Rec. 15'</u>
3005	3017	12'	Shale, light to dark gray, brownish-gray; few gilsonite partings.
3017	3020	3'	Shale, gray with interbedded sandstone, fine grained, gray.
			<u>CORE #41 3020'/3035' Rec. 15'</u>
3020	3026	6'	Shale, gray-green with interbedded marlstone, light brown and fossiliferous zones.
3026	2027 $\frac{1}{2}$	1 $\frac{1}{2}$ '	Sandstone, gray, very fine grained; shale, gray, bleeding gas and oil.
3027 $\frac{1}{2}$	3030 $\frac{1}{2}$	3'	Sandstone, brownish-gray, fine grained (sugary), calcareous, good odor, bright gold fluorescence, good cut, bleeding gas and oil.
3030 $\frac{1}{2}$	3035	4 $\frac{1}{2}$ '	Shale, gray with siltstone, gray.
			<u>CORE #42 3035'/3038' Rec. 3'</u>
3035	3038	3'	Shale, blue-gray.
			<u>CORE #43 3038'/3049' Rec. 9'</u> (plugged inner barrel)
3038	3041	3'	Marlstone, light brown.
3041	3044	3'	Oil shale, light to dark brown, green, no bleeding.
3044	3045	1'	Sandstone, fine to medium, very calcareous, light brown, some porosity and permeability, with marlstone, light brown.
3045	3047	2'	Marlstone, light brown with a few stringers of sandstone as above. Calcite filled vertical fractures, dead oil.
3047	3049		<u>Missed.</u>
			<u>CORE #44 3049'/3064' Rec. 1'</u>
3049	3050	1'	Shale, dark gray and brown with some marlstone, light brown, vertically fractured with a slight oil show in the fractures. (May have missed sandstone zone as drilled rather fast.)
3050	3064		<u>Missed.</u>

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

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TOP	BOTTOM	REC'Y	FORMATION
			<u>CORE #45 3064'/3079' Rec. 15'</u>
3064	3065 $\frac{1}{2}$	1 $\frac{1}{2}$ '	Shale, gray-green.
3065 $\frac{1}{2}$	3067	2'	Sandstone, fine grained, dirty gray-brown, tight.
3067 $\frac{1}{2}$	3076	8 $\frac{1}{2}$ '	Shale, gray-green with interbedded sandstone, very fine grained and siltstone, gray.
3076	3079	3'	Sandstone, as above, calcareous.
			<u>CORE #46 3079'/3094' Rec. 15'</u>
3079	3089	10'	Sandstone (water), very fine grained to fine grained, light to dark gray, with a few shale lenses, gray-green to gray.
3089	3090	1'	Shale, gray-green.
3090	3094	4'	Sandstone, as above.
			<u>CORE #47 3094'/3109' Rec. 15'</u>
3094	3097 $\frac{1}{2}$	3 $\frac{1}{2}$ '	Sandstone, gray to dark gray, very fine grained to fine grained (water) with a few gilsonite streaks.
3097 $\frac{1}{2}$	3099	1 $\frac{1}{2}$ '	Shale, gray-green.
3099	3105	6'	Sandstone, as above with interbedded shales as above.
3105	3109	4'	Shale, gray to gray-green with interbedded siltstones, gray.
			<u>CORE #48 3109'/3124' Rec. 15'</u>
3109	3113 $\frac{1}{2}$	4 $\frac{1}{2}$ '	Shale, gray, blue-gray, gray-green.
3113 $\frac{1}{2}$	3114	$\frac{1}{2}$ '	Oil shale, dark brown; few vertical fractures; no bleeding of gas or oil.
3114	3121	7'	Shaley limestone, light brown, slight bleeding of gas and oil from a 2' porous zone with a few vertical fractures and small vugs.
3121	3124	3'	Sandstone, gray, fine to medium grained, with interbedded shaley limestone, light brown.
			<u>CORE #49 3124'/3139' Rec. 15'</u>
3124	3125	1'	Sandstone, gray, fine grained.
3125	3135	10'	Shale, gray to blue-gray, with a few interbedded siltstones, gray.
3135	3136	1'	Sandstone, gray, fine grained.
3136	3137 $\frac{1}{2}$	1 $\frac{1}{2}$ '	Shale, as above.
3137 $\frac{1}{2}$	3139	1 $\frac{1}{2}$ '	Sandstone and siltstone as above.
			<u>CORE #50 3139'/3154' Rec. 15'</u>
3139	3154	15'	Shale, gray to blue gray with interbedded siltstone, gray.
			<u>CORE #51 3154'/3169' Rec. 15'</u>
3154	3166	12'	Shale, gray to blue gray, with some siltstone, gray.
3166	3168 $\frac{1}{2}$	2 $\frac{1}{2}$ '	Shale, light brown, very calcareous.
3168 $\frac{1}{2}$	3169	$\frac{1}{2}$ '	Shale, gray-green.

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

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TOP	BOTTOM	REC Y	FORMATION
			<u>CORE #52 3169'/3184' Rec. 15'</u>
3169	3178	9'	Shale, dark gray and brown, a few vertical fractures.
3178	3180	2'	Marlstone, light brown with some coarse light brown sandstone.
3180	3184	4'	Shale, blue and greenish-gray, dark gray and brown with interbedded sandstone, very fine, light gray; a few fish fossils.
			<u>CORE #53 3184'/3199' Rec. 3'</u> (plugged inner barrel)
3184	3187	3'	Shale, gray to brown, blue-gray, gray-green and siltstone and sandstone, gray. (Recovered when drill pipe was pulled.)
3187	3199		<u>Missed.</u>
			<u>CORE #54 3199'/3214' Rec. 15'</u>
3199	3203½	4½'	Shale, dark gray to blue gray.
3203½	3205	1½'	Conglomerate, light gray; some vugs; very slight oil bleed, fair porosity and permeability.
3205	3210	5'	Shale, as above.
3210	3213	3'	Shale, as above with siltstone, light gray.
3213	3214	1'	Sandstone, light gray, very fine grained, hard, poor porosity and permeability.
			<u>CORE #55 3214'/3215' Rec. 1'</u>
3214	3215	1'	Shale and sandstone as above.
			<u>CORE #56 3215'/3230' Rec. 15'</u>
3215	3230	15'	Shale, gray to gray-green with interbedded siltstone and very fine grained sandstone, gray.
			<u>CORE #57 3230'/3245' Rec. 15'</u>
3230	3231	1'	Sandstone, fine to medium grained, gray.
3231	3236	5'	Shale, light to dark gray, with sandstone as above.
3236	3237	1'	Sandstone as above, tight.
3237	3245	8'	Shale, as above.
			<u>CORE #58 3245'/3260' Rec. 15'</u>
3245	3257½	12½'	Sandstone, gray, fine grained, calcareous, hard and tight with interbedded shale, gray to blue-gray.
2357½	3260	2½'	Sandstone, light gray, fine to medium grained, calcareous, hard and tight.
			<u>CORE #59 3260'/3275' Rec. 15'</u>
3260	3275	15'	Sandstone, light to dark gray, fine to medium grained, fair porosity and permeability (wet-fresh water), few shale and siltstone beds, gray.

COMPANY GENERAL PLUM CORP. LEASE BITTER CREEK UNIT

WELL NO 63-2

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

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TOP	BOTTOM	REC'Y	FORMATION
			<u>CORE #60 3275'/3290' Rec. 15'</u>
3275	3282	7'	Sandstone, light gray, hard and tight with interbedded shales and siltstones, blue-gray.
3282	3290	8'	Shale as above with interbedded sandstone as above.
			<u>CORE #61 3290'/3305' Rec. 15'</u>
3290	3293 $\frac{1}{2}$	3 $\frac{1}{2}$ '	Shale, dark gray to blue-gray, brown.
3293 $\frac{1}{2}$	3297	3 $\frac{1}{2}$ '	Shale, as above and sandstone, gray, fine.
3297	3302	5'	Sandstone, light gray and brown, fine, salt and pepper, very slightly bleeding oil, fair porosity and permeability.
3302	3303 $\frac{1}{2}$	1 $\frac{1}{2}$ '	Conglomerate, light brown and sandstone as above, very slightly bleeding oil, fair porosity and permeability.
3303 $\frac{1}{2}$	3305	1 $\frac{1}{2}$ '	Sandstone, as above and shaley, gray.
			<u>CORE #62 3305'/3320' Rec. 15'</u>
3305	3307	2'	Shale, dark gray and brown.
3307	3313 $\frac{1}{2}$	6 $\frac{1}{2}$ '	Shale, dark gray and brown, interbedded with sandstone, gray, fine to coarse.
3313 $\frac{1}{2}$	3319 $\frac{1}{2}$	6'	Sandstone, light to dark brown, fine to coarse, salt and pepper, very slight gas bleed, poor to excellent permeability and porosity (wet).
3319 $\frac{1}{2}$	3320	$\frac{1}{2}$ '	Siltstone, gray.
			<u>CORE #63 3320'/3335' Rec. 15'</u>
3320	3323 $\frac{1}{2}$	3 $\frac{1}{2}$ '	Siltstone, gray; gilsonite streaks.
3323 $\frac{1}{2}$	3335	11 $\frac{1}{2}$ '	Shale, light to dark gray, brown and siltstone, gray; a 6" very coarse sand in upper foot; trace gilsonite.
			<u>CORE #64 3335'/3350' Rec. 15'</u>
3335	3342	7'	Shale, light to dark gray, brown.
3342	3343	1'	Sandstone, gray, very coarse and shale, blue-gray (wet).
3343	3344 $\frac{1}{2}$	1 $\frac{1}{2}$ '	Siltstone, gray and shale, gray.
3344 $\frac{1}{2}$	3346	1 $\frac{1}{2}$ '	Shale, dark gray.
3346	3350	4'	Shale, light to dark gray, blue-gray with siltstone, gray and sandstone, gray, medium.
			<u>CORE #65 3350'/3365' Rec. 15'</u>
3350	3365	15'	Interbedded shale, light to dark gray, brown; siltstone, light gray; sandstone, fine, gray; no bleeding.
			<u>CORE #66 3365'/3380' Rec. 15'</u>
3365	3380	15'	Same as above, calcareous.
			<u>CORE #67 3380'/3395' Rec. 15'</u>
3380	3384	4'	Shale, gray to gray-green, light brown; siltstone, gray, calcareous.
3384	3390	6'	Siltstone to very fine grained sandstone, hard and tight, gray, calcareous.
3390	3395	5'	Shale and siltstone, as above.

COMPANY GENERAL PETROLEUM CORP. LEASE BITTER CREEK UNIT

WELL NO 632

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

~~ABANDONED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
3395	3401	6'	<u>CORE #68 3395'/3410' Rec. 15'</u> Sandstone, gray, very fine grained, hard and tight with interbedded shale and siltstone, gray, calcareous.
3401	3408	7'	Shale, light to dark gray, calcareous.
3408	3410	2'	Shale, siltstone as above.
3410	3425	15'	<u>CORE #69 3410'/3425' Rec. 15'</u> Shale, gray to dark gray, black; sandstone, salt and pepper, hard and tight, fine to medium grained, calcareous; siltstone, interbedded throughout, gray.
3425	3440	15'	<u>CORE #70 3425'/3440' Rec. 15'</u> Oil shale, light to dark brown, dark gray, a few vertical fractures, with a slight amount of oil; trace gilsonite.
3440	3443 $\frac{1}{2}$	3 $\frac{1}{2}$ '	<u>CORE #71 3440'/3455' Rec. 15'</u> Shale, dark brown.
3443 $\frac{1}{2}$	3444	$\frac{1}{2}$ '	Conglomerate, light gray, spotty saturation.
3444	3446 $\frac{1}{2}$	2 $\frac{1}{2}$ '	Shale, dark brown, trace gilsonite.
3446 $\frac{1}{2}$	3451 $\frac{1}{2}$	5'	Sandstone, light gray and brown, salt and pepper, medium to coarse, spotty saturation (better in lower part), calcareous, poor to good permeability and porosity.
3451 $\frac{1}{2}$	3455	3 $\frac{1}{2}$ '	Shale, light gray; sandstone, dark gray, medium; siltstone, light gray.
3455	3458	3'	<u>CORE #72 3455'/3470' Rec. 15'</u> Shale, light gray; siltstone, light gray.
3458	3459	1'	Sandstone, light gray to brown, fine to medium, salt and pepper, fair permeability and porosity.
3459	3470	11'	Shale, light to dark gray, brown, with siltstone, light gray and a few sandstone stringers, fine, gray.
3470	3472		<u>CORE #73 3470'/3472' Rec. 0</u> (Plugged inner barrel) No recovery.
3472	3473	1'	<u>CORE #74 3472'/3487' Rec. 15'</u> Shale, dark gray.
3473	3476	3'	Sandstone, gray, very fine, salt and pepper, water bearing, poor permeability and porosity, some shale, gray.
3476	3479	3'	Oil shale, dark brown; no bleeding.
3479	3484	5'	Shale, light to dark gray, blue gray with siltstone and sandstone, gray, very fine.
3484	3485	1'	Oil shale, dark brown; no bleeding.
3485	3487	2'	Sandstone, fine, light gray, salt and pepper, with shale, gray to brown.

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDDED March 12, 1954

~~COMPLETED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
			<u>CORE #75 3487'/3502' Rec. 15'</u>
3487	3493	6'	Shale, dark gray, siltstone, gray, few vertical fractures, calcareous.
3493	3495½	2½'	Sandstone, gray, hard, calcareous, WET.
3495½	3502	6½'	Shale, sandstone and siltstone as above.
			<u>CORE #76 3502'/3517' Rec. 15'</u>
3502	3514	12'	Shale, gray to blue-gray.
3514	3517	3'	Oil shale, light to dark brown, gray. no bleeding, no fractures.
			<u>CORE #77 3517'/3532' Rec. 15'</u>
3517	3518½	1½'	Shale, gray.
3518½	3519½	1'	Volcanic ash, light brown.
3519½	3522½	3'	Marlstone, light brown, few vertical fractures (may be bentonitic).
3522½	3524	1½'	Ash bed.
3524	3529	5'	Shale, gray and sandstone, very fine grained, gray, slight bleeding of oil in sun.
3529	3532	3'	Shale, gray.
			<u>CORE #78 3532'/3547' Rec. 14'</u>
3532	3537	5'	Shale, gray to blue-gray, sandstone, gray, very fine grained, hard and tight.
3537	3546	9'	Sandstone, gray, very fine grained to medium grained, tight, thin lenses of gray shale interbedded throughout, WET.
3546	3547		<u>Missed.</u>
			<u>CORE #79 3547'/3562' Rec. 15'</u>
3547	3553	6'	Shale, gray, trace siltstone, slightly calcareous.
3553	3556½	3½'	Oolitic limestone, wet.
3556½	3562	5½'	Shale and siltstone as above.
			<u>CORE #80 3562'/3577' Rec. 15'</u>
3562	3564	2'	Shale, gray.
3564	3577	13'	Shale, gray; siltstone, gray; sandstone, fine, gray, hard, tight.
			<u>CORE #81 3577'/3592' Rec. 15'</u>
3577	3592	15'	Shale, gray; siltstone, gray; sandstone, fine, gray, hard and tight.
			<u>CORE #82 3592'/3604' Rec. 12'</u>
3592	3594	2'	Siltstone, gray and shale, gray.
3594	3598	4'	Siltstone, gray, calcareous.
3598	3599½	1½'	Shale, gray and siltstone, gray.
3599½	3604	4½'	Siltstone, gray, calcareous, a few vertical fractures, water bearing.

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

~~COMPLETED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
			<u>CORE #83 3604'/3619' Rec. 15'</u>
3604	3605	1'	Siltstone, gray, calcareous, water bearing.
3605	3607	2'	Siltstone, gray and shale, gray.
3607	3616	9'	Shale, dark gray and brown.
3616	3619	3'	Shale, dark gray and brown, with siltstone, gray and brown, calcareous.
			<u>CORE #84 3619'/3634' Rec. 15'</u>
3619	3620 $\frac{1}{2}$	1 $\frac{1}{2}$ '	Sandstone, fine, gray; shale, gray.
3620 $\frac{1}{2}$	3625	4 $\frac{1}{2}$ '	Oil shale, light to dark gray, brown, no bleeding.
3625	3632	7'	Sandstone, fine, gray; calcareous, wet, a few vertical fractures with a little dead oil.
3632	3634	2'	Shale, gray; siltstone, gray; sandstone, as above. (2' depth correction)
			<u>CORE #85 3632'/3633' Rec. 0</u>
3632	3633		No recovery. (Plugged inner barrel)
			<u>CORE #86 3633'/3648' Rec. 15'</u>
3633	3639	6'	Shale, gray and sandstone, fine, gray.
3639	3648	9'	Sandstone, fine, gray, wet, trace gilsonite, a few shale stringers.
			<u>CORE #87 3648'/3663' Rec. 15'</u>
3648	3659	11'	Sandstone, gray, very fine grained to medium grained, hard and tight, wet.
3659	3663	4'	Shale, gray.
			<u>CORE #88 3663'/3678' Rec. 15'</u>
3663	3678	15'	Shale, gray to blue-gray with some interbedded siltstone, gray.
			<u>CORE #89 3678'/3693' Rec. 15'</u>
3678	3689	11'	Shale, dark to light gray.
3689	3693	4'	Shale, as above, some weak oil shale, light to dark brown.
			<u>CORE #90 3693'/3708' Rec. 15'</u>
3693	3702	9'	Oil shale, light to dark brown, black (paper shales), no bleeding, some dead oil in few vertical fractures, some gilsonite.
3702	3703	1'	Sandstone, gray, medium grained.
3703	3708	5'	Shale, light to dark gray.

COMPANY GENERAL PETROLEUM CORP.

LEASE

BITTER CREEK UNIT

WELL NO. 63-2

ELEVATION 5205.6' K.R. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

~~XXXXXXXXXX~~ Abandoned July 6, 1954

TOP	BOTTOM	RECY	FORMATION
3708	3723	15'	<u>CORE #91 3708'/3723' Rec. 15'</u> Oil shale, brown, light to dark, gray, light to dark, no bleeding.
3723	3729		<u>CORE #92 3723'/3729' Rec. 0</u> No recovery. (Plugged bit.)
3729	3732 $\frac{1}{2}$	3 $\frac{1}{2}$ '	<u>CORE #93 3729'/3744' Rec. 15'</u> Sandstone, gray, fine; shale, dark gray; siltstone, gray.
3732 $\frac{1}{2}$	3734 $\frac{1}{2}$	2'	Sandstone, fine to medium, gray, salt and pepper, lower 1' moderately bleeding oil, fair saturation, fair permeability and porosity, wet.
3734 $\frac{1}{2}$	3744	9 $\frac{1}{2}$ '	Oil shale, dark gray and brown; sandstone, fine, gray; siltstone, gray.
3744	3745		<u>CORE #94 3744'/3745' Rec. 0</u> No recovery. (Plugged inner barrel.)
3745	3749	4'	<u>CORE #95 3745'/3760' Rec. 15'</u> Sandstone, gray, fine, salt and pepper, wet, slight oil saturation, fair permeability and porosity.
3749	3760	11'	Shale, light to dark gray, brown, blue-gray interbedded with siltstone, gray and a few sandstone, medium, gray in lower part, pyrite in upper 6", trace gilsonite, no bleeding.
3760	3775	15'	<u>CORE #96 3760'/3775' Rec. 15'</u> Shale, gray to dark gray, very calcareous; siltstone, gray, calcareous, few vertical fractures.
3775	3790	15'	<u>CORE #97 3775'/3790' Rec. 15'</u> Shale and siltstones as above.
3790	3804	14'	<u>CORE #98 3790'/3804' Rec. 14'</u> Shale and siltstone as above. Some sandstone, very fine grained, gray, hard and tight, calcareous.
3804	3807	3'	<u>CORE #99 3804'/3819' Rec. 15'</u> Shale, gray to blue-gray; siltstone, gray.
3807	3819	12'	Sandstone, salt and pepper, very fine to medium grained, hard and tight, wet, few vertical fractures; shale and siltstone as above.
3819	3834	15'	<u>CORE #100 3819'/3834' Rec. 15'</u> Shale, siltstone and sandstone, as above.

COMPANY GENERAL PETROLEUM CORP. LEASE BITTER CREEK UNIT

WELL NO. 63-2

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 1, 1954

~~COMPLETED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
3834	3846	12'	<u>CORE #101 3834'/3846'</u> Rec. 12' Oil shale, dark gray to brown, no bleeding, no fractures.
3846	3853	7'	<u>CORE #102 3846'/3861'</u> Rec. 15' Oil shale, as above.
3853	3858	5'	Oil shale, as above, with siltstone, gray stringers.
3858	3861	3'	Oil shale, as above, no bleeding, no fractures.
3861	3864	3'	<u>CORE #103 3861'/3876'</u> Rec. 15' Shale, gray and siltstone, gray, a few vertical fractures.
3864	3876	12'	Oil shale, dark gray, light to dark brown, no bleeding, no fractures. Dips of about 5°.
3876	3891	15'	<u>CORE #104 3876'/3891'</u> Rec. 15' Shale, gray, light brown (weak oil shale), no bleeding.
3891	3892	1'	<u>CORE #105 3891'/3900'</u> Rec. 4' (broken core catcher.) Shale, gray.
3892	3895	3'	Oil shale, dark brown, no bleeding.
3895	3900		<u>Missed.</u>
3900	3915	15'	<u>CORE #106 3900'/3915'</u> Rec. 15' Oil shale, gray, light to dark brown, a few vertical fractures, no bleeding.
3915	3923 $\frac{1}{2}$	8 $\frac{1}{2}$ '	<u>CORE #107 3915'/3930'</u> Rec. 15' Oil shale, light to dark brown, gray, lower 1' fractured with slight film of oil in fractures.
3923 $\frac{1}{2}$	3928	4 $\frac{1}{2}$ '	Shale, gray and siltstone, gray.
3928	3930	2'	Oil shale, gray, badly fractured with a little live oil in the fractures.
3930	3933	3'	<u>CORE #108 3930'/3933'</u> Rec. 3' Oil shale, gray, brown and siltstone, gray, a few fractures, no bleeding.
3933	3947	14'	<u>CORE #109 3933'/3947'</u> Rec. 14' Shale, dark gray to brown, interbedded with gray siltstone, a few vertical fractures, no bleeding.
3947	3962	15'	<u>CORE #110 3947'/3962'</u> Rec. 15' Shale, dark gray to brown, no bleeding.

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

~~COMPLETED~~ Abandoned July 6, 1954

TOP	BOTTOM	RECY	FORMATION
			<u>CORE #111 3962'/3976' Rec. 14'</u>
3962	3968	6'	Shale, gray to dark gray.
3968	3975	7'	Shale, as above with pyrite and vertical fractures, small amount of yellow, high pour point oil in fractures (similar to Roosevelt Field Oil in Joseph Smith well), fluoresces light blue with a good cut in carbon-tet.
3975	3976	1'	Oil shale, light to dark brown, no bleeding.
			<u>CORE #112 3976'/3991' Rec. 15'</u>
3976	2991	15'	Oil shale, light to dark brown, gray, no bleeding, a few vertical fractures.
			<u>CORE #113 3991'/4005' Rec. 14'</u>
3991	4005	14'	Oil shale, as above.
			<u>CORE #114 4005'/4020' Rec. 15'</u>
4005	4020	15'	Oil shale, dark brown, a few vertical fractures, no bleeding.
			<u>CORE #115 4020'/4021' Rec. 0</u> (Plugged inner barrel)
4020	4021		No recovery.
			<u>CORE #116 4021'/4036' Rec. 15'</u>
4021	4034	13'	Shale, dark to light gray, trace siltstone, gray, traces of gilsonite, few vertical fractures.
4034	4036	2'	Siltstone, gray.
			<u>CORE #117 4036'/4050' Rec. 14'</u>
4036	4038	2'	Siltstone, gray, calcareous.
4038	4050	12'	Shale, gray, siltstone, gray with a few stringers of oil shale, no shows, a few vertical fractures.
			<u>CORE #118 4050'/4062' Rec. 12'</u>
4050	4055 $\frac{1}{2}$	5 $\frac{1}{2}$ '	Shale, gray to black, siltstone, gray, calcareous.
4055 $\frac{1}{2}$	4059	3 $\frac{1}{2}$ '	Sandstone, light brown, fine to medium grained, calcareous, fair bleeding of gas and oil, fair porosity and permeability, fluoresces dark gold, slight cut, oil dark brown to black, waxy, high pour point (80° ?).
4059	4062	3'	Sandstone, light brown to gray, shale, gray, slight bleeding of gas and oil.
			<u>CORE #119 4062'/4077' Rec. 15'</u>
4062	4077	15'	Shale, light to dark gray with interbedded siltstone, gray, few vertical fractures, no shows.
			<u>CORE #120 4077'/4092' Rec. 15'</u>
4077	4088	11'	Shale, gray-green, dark gray, sandstone, very fine grained, gray, calcareous.
4088	4092	4'	Sandstone, as above, bleeding gas and oil.

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

COMPLETED Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
			<u>CORE #121 4092'/4094' Rec. 1'</u> (Plugged inner barrel.)
4092	4093	1'	Sandstone, as above.
4093	4094		<u>Missed.</u>
			<u>CORE #122 4094'/4109' Rec. 15'</u>
4094	4096	2'	Sandstone as above, oil and gas.
4096	4109	13'	Shale, blue-gray to dark gray, siltstone, gray, sandstone, very fine grained, few vertical fractures, trace oil.
			<u>CORE #123 4109'/4124' Rec. 15'</u>
4109	4110 $\frac{1}{2}$	1 $\frac{3}{4}$ '	Siltstone, gray, slight gas bleed.
4110 $\frac{1}{2}$	4124	13 $\frac{3}{4}$ '	Shale, gray-green, gray; siltstone, gray, no shows. (1' depth correction)
			<u>CORE #124 4123'/4132' Rec. 9'</u>
4123	4126	3'	Shale, dark gray.
4126	4132	6'	Siltstone, gray, calcareous, no shows.
			<u>CORE #125 4132'/4144' Rec. 12'</u>
4132	4133	1'	Shale, gray.
4133	4143	10'	Siltstone, light gray, micaceous, a few stringers of gray shale, slight gas bleed.
4143	4144	1'	Oil shale, dark brown, no fractureing, no bleeding.
			<u>CORE #126 4144'/4153' Rec. 9'</u>
4144	4153	9'	Shale, gray to black, vertical fracturing, trace oil; siltstone, gray.
4153	4163		Drilled.
			<u>CORE #127 4163'/4171' Rec. 8'</u>
4163	4171	8'	Oil shale, light to dark brown, to black, no bleeding.
			<u>CORE #128 4171'/4176' Rec. 5'</u>
4171	4176	5'	Oil shale, dark gray to black, no bleeding.
			<u>CORE #129 4176'/4190' Rec. 14'</u>
4176	4190	14'	Oil shale, light to dark brown, dark gray, a few vertical fractures, no bleeding.
			<u>CORE #130 4190'/4205' Rec. 15'</u>
4190	4205	15'	Oil shale, as above, no bleeding.

COMPANY GENERAL PETROLEUM CORP. LEASE BITTER CREEK UNIT

WELL NO. 63-2

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

~~COMPLETED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
4205	4215	10'	<u>CORE #131 4205'/4215' Rec. 10'</u> Oil shale, as above, trace siltstone, bottom 1' bleeding oil and gas from thin lenses of siltstone.
4215	4230	15'	<u>CORE #132 4215'/4230' Rec. 15'</u> Oil shale, light to dark brown, gray to black, trace bleeding.
4230	4232	2'	<u>CORE #133 4230'/4232' Rec. 2'</u> Oil shale, light to dark brown, dark gray, no bleeding.
4232	4246	14'	<u>CORE #134 4232'/4246' Rec. 14'</u> Oil shale, as above with a few gray siltstone lenses in upper 5'. No bleeding.
4246	4261	15'	<u>CORE #135 4246'/4261' Rec. 15'</u> Oil shale, light to dark brown, dark gray, a few vertical fractures with a slight film of live oil, 3" zone at 4258 bleeding oil and gas (fractured), 1" siltstone at 4260 bleeding oil and gas.
4261	4276	15'	<u>CORE #136 4261'/4276' Rec. 15'</u> Shale, light to dark gray, some oil shale, no bleeding.
4276	4281	5'	<u>CORE #137 4276'/4281' Rec. 5'</u> Shale, gray to dark gray.
4281	4296	15'	<u>CORE #138 4281'/4296' Rec. 15'</u> Oil shale, dark brown; shale gray, no bleeding.
4296	4306	10'	<u>CORE #139 4296'/4311' Rec. 15'</u> Shale, gray to black; oil shale, light to dark brown; siltstones, light brown, slight bleeding of oil in sun.
4306	4311	5'	Shale, gray to dark gray.
4311	4326	15'	<u>CORE #140 4311'/4326' Rec. 15'</u> Oil shale, light to dark brown and gray, some vertical fractures, no bleeding, trace gilsonite.
4326	4327 $\frac{1}{2}$	1 $\frac{1}{2}$ '	<u>CORE #141 4326'/4341' Rec. 15'</u> Siltstone, gray-green and blue-gray, hard and tight.
4327 $\frac{1}{2}$	4341	13 $\frac{1}{2}$ '	Shale, gray to blue-gray.
4341	4342	1'	<u>CORE #142 4341'/4342 Rec. 1'</u> Shale, dark to blue-gray.

COMPANY GENERAL PETROLEUM CORP. LEASE BITTER CREEK UNIT

WELL NO. 63-2

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

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~~COMPLETER~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
4342	4357	15'	Shale, as above. <u>CORE #143 4342'/4357' Rec. 15'</u>
4357	4372	15'	Shale, as above, a few vertical fractures. <u>CORE #144 4357'/4372' Rec. 15'</u>
4372	4376	4'	Siltstone, gray; shale, blue-gray to black. <u>CORE #145 4372'/4387' Rec. 15'</u>
4376	4387	11'	Limestone, shaley, black, light to dark brown, 6" seam of gilsonite, ostracods and oyster beds throughout, impressions of turritella type gastropods, a few vertical fractures.
4387	4390	3'	Limestone, as above. <u>CORE #146 4387'/4402' Rec. 15'</u>
4390	4396	6'	Shale, blue-gray, calcareous with ostracods.
4396	4402	6'	Sandstone, very fine grained, gray, wet, low permeability and porosity; shale blue-gray; sandstone medium grained, gray-brown, wet.
4402	4409	7'	Sandstone, fine grained, salt and pepper, fresh water, micaceous. <u>CORE #147 4402'/4417' Rec. 15'</u>
4409	4410	1'	Shale, gray, calcareous.
4410	4417	7'	Sandstone, very fine grained, micaceous, with interbedded shale, as above.
			(2' depth correction)
4415	4428 $\frac{1}{2}$	13 $\frac{1}{2}$ '	Interbedded shale, sandstone, as above and siltstone, gray. <u>CORE #148 4415'/4430' Rec. 15'</u>
4428 $\frac{1}{2}$	4430	1 $\frac{1}{2}$ '	Shale, dark gray.
4430	4439	9'	Shale, gray to black. <u>CORE #149 4430'/4439' Rec. 9'</u>
4439	4441	2'	Shale, as above. <u>CORE #150 4439'/4449' Rec. 10'</u>
4441	4444	3'	Limestone, shaley, gray to black, fossiliferous (oyster beds and ostracods).
4444	4447	3'	Limestone, shaley, gray to black as above.
4447	4449	2'	Dolomite, sugary, gray, sandy, vertical fractures, calcite filled.
4449	4464	15'	Shale, dark gray; siltstone, gray; sandstone, salt and pepper, calcareous, tight. <u>CORE #151 4449'/4464' Rec. 15'</u>

COMPANY GENERAL PETROLEUM CORP. LEASE BITTER CREEK UNIT

WELL NO. 63-2

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

~~COMPLETED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
4464	4476		<u>CORE #152 4464'/4476' Rec. 0</u> No recovery.
4476	4477	1'	<u>CORE #153 4476'/4480' Rec. 1'</u> Limestone, gray, sugary texture, fossiliferous, vertical fractures.
4477	4480		<u>Missed.</u>
4480	4481		<u>CORE #154 4480'/4481' Rec. 0</u> No recovery.
4481	4492	11'	<u>CORE #155 4481'/4496' Rec. 15'</u> Shale, gray to black, calcareous with interbedded limey shale, light gray.
4492	4494	2'	Limestone, dark gray, fossiliferous as above.
4494	4496	2'	Limestone, shaley, carbonaceous, black, fossiliferous.
4496	4511	15'	<u>CORE #156 4496'/4511' Rec. 15'</u> Shale, dark gray to black, light to dark brown, fossiliferous, pyritic, vertical fractures; limestone, light to dark gray, fossiliferous; siltstone, light gray.
4511	4519	8'	<u>CORE #157 4511'/4526' Rec. 15'</u> Shale, siltstone as above.
4519	4524	5'	Siltstone, light gray, calcareous.
4524	4526	2'	Sandstone, medium gray, salt and pepper, fair porosity and permeability.
4526	4530	4'	<u>CORE #158 4526'/4541' Rec. 15'</u> Sandstone, as above grading into siltstone and shale.
4530	4541	11'	Shale, siltstone and limestone as above.
4541	4543	2'	<u>CORE #159 4541'/4556' Rec. 2'</u> Shale, dark brown, very fossiliferous, trace gray siltstone, a few vertical fractures.
4543	4556		<u>Missed.</u>
4556	4556½	½'	<u>CORE #160 4556'/4557' Rec. 1/2'</u> (Plugged inner barrel.) Shale, dark brown, very fossiliferous (fish, gastropods, ostracods).
4556½	4557		<u>Missed.</u>
4557	4565		<u>CORE #161 4557'/4565' Rec. 0</u> No recovery. (Plugged inner barrel.)

COMPANY GENERAL PETROLEUM CORP.

LEASE BITTER CREEK UNIT

WELL NO. 63-2

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

~~SPUDED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
4565	4567	2'	<u>CORE #162 4565'/4567' Rec. 2'</u> Shale, dark gray and brown.
4567	4582	15'	<u>CORE #163 4567'/4582' Rec. 15'</u> Shale, dark gray and brown, interbedded with oil shale, dark brown, and sandstone, gray, very fine to fine, salt and pepper, wet, some vertical fractures, no bleeding.
4582	4586	4'	<u>CORE #164 4582'/4597' Rec. 15'</u> Shale and sandstone as above.
4586	4589 $\frac{1}{2}$	3 $\frac{1}{2}$ '	Sandstone, gray, very fine, salt and pepper, few shale partings, vertical fractures.
4589 $\frac{1}{2}$	4590	$\frac{1}{2}$ '	Shale, gray-green.
4590	4593	3'	Shale, dark brown (oil shale).
4593	4597	4'	Shale, dark gray and brown with sandstone as above, no bleeding.
4597	4601	4'	<u>CORE #165 4597'/4612' Rec. 15'</u> Shale, gray, calcareous.
4601	4604	3'	Limestone, gray, shaley; shale, light brown to gray, calcareous.
4604	4611	7'	Shale, gray, calcareous.
4611	4612	1'	Limestone, brown, fossiliferous (ostracods).
4612	4614		<u>CORE #166 4612'/4614' Rec. 0</u> No recovery.
4614	4625	11'	<u>CORE #167 4614'/4629' Rec. 15'</u> Shale, gray, light brown to black, very calcareous; limestone (ostracods), dark gray, few lenses of siltstone, gray, trace of oil shale throughout. Bleeding in sun, fluoresces blue-green.
4625	4629	4'	Limestone, brown, gray, sandy, ostracods, trace oil, fluorescence as above. Fair odor, bleeding gas. Bleeds oil in sun, yellow oil, high pour point.
4629	4631		<u>CORE #168 4629'/4631' Rec. 0</u> No recovery.
4631	4640		<u>CORE #169 4631'/4640' Rec. 0</u> No recovery.
4640	4643	3'	<u>CORE #170 4640'/4643' Rec. 3'</u> Shale, gray to black.

COMPANY GENERAL PETROLEUM CORP.

LEASE BITTER CREEK UNIT

WELL NO. 63-2

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDDED March 12, 1954

~~COMPLETED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
4643	4656	13'	<u>CORE #171 4643'/4658' Rec. 13'</u> Limestone, gray, shaley, ostracods; shale, light brown to gray; marlstone, light brown, trace dead oil.
4656	4658		<u>Missed.</u>
4658	4660		<u>CORE #172 4658'/4660' Rec. 0</u> No recovery.
4660	4661	1'	<u>CORE #173 4660'/4665' Rec. 1'</u> Limestone, light brown, gray, ostracods.
4661	4665		<u>Missed.</u>
4665	4667	2'	<u>CORE #174 4665'/4667' Rec. 2'</u> Limestone, as above; shale, black, carbonaceous, calcareous.
4667	4670	3'	<u>CORE #175 4667'/4678' Rec. 3'</u> Limestone as above, good odor, no bleeding.
4670	4678		<u>Missed.</u>
4678	4681	3'	<u>CORE #176 4678'/4690' Rec. 12'</u> Limestone, gray to black, fossiliferous; shale, gray, calcareous.
4681	4684	3'	Limestone, light brown, gray, sandy and shaley, hard and tight, heavy black oil, good gas show, few vertical fracturing.
4684	4690	6'	Shale, gray to dark gray, limey, fossiliferous.
4690	4697	7'	<u>CORE #177 4690'/4703' Rec. 13'</u> Shale, limey as above, abundant gastropods and ostracods.
4697	4698	1'	Limestone, sandy, ostracods, slight bleeding of oil and gas, oil yellow-brown, high pour point.
4698	4703	5'	Shale, gray, calcareous, fossiliferous.
4703	4717	14'	<u>CORE #178 4703'/4717' Rec. 14'</u> Shale, gray-green, calcareous, some ostracods, some limestone, trace oil shale at 4714, trace of oil in lower 1½'.
4717	4718	1'	<u>CORE #179 4717'/4732' Rec. 14'</u> Lime, shaley, ostracods, bleeding yellow waxy oil and gas.
4718	4723	5'	Shale, gray-green to dark gray, bleeding gas, with interbedded thin lenses lime as above, lime bleeding oil and gas.
4723	4725½	2½'	Limestone, sandy and shaley, light brown to gray, bleeding gas and oil.
4725½	4727½	2'	Limestone, gray, fossiliferous.
4727½	4731	3½'	Shale, dark gray to black, limey, fossiliferous, carbonaceous.
4731	4732		<u>Missed.</u>

COMPANY GENERAL PETROLEUM CORP.

LEASE BITTER CREEK UNIT

WELL NO. 53-2

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDDED March 12, 1954

~~COMPLETED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
4732	4746	14'	<u>CORE #180 4732'/4746'</u> Rec. 14' Mudstone, light gray to gray-green, very friable.
4746	4751	5'	<u>CORE #181 4746'/4758'</u> Rec. 12' Mudstone, as above.
4751	4754	3'	Sandstone, fine grained, salt and pepper, calcareous.
4754	4757	3'	Shale, gray.
4757	4758	1'	Shale, as above, mottled red shale.
4758	4760	2'	<u>CORE #182 4758'/4773'</u> Rec. 15' Sandstone, very fine grained, salt and pepper.
4760	4764	4'	Shale, gray, micaceous, few vertical fractures, spotty red beds.
4764	4765	1'	Shale, maroon.
4765	4766	1'	Shale, gray.
4766	4768	2'	Shale, maroon and gray.
4768	4773	5'	Sandstone, fine to medium grained, calcareous, with interbedded shale.
4773	4774	1'	<u>CORE #183 4773'/4774'</u> Rec. 1' Shale, gray, calcareous, vertical fracturing, calcite filled.
4774	4775	1'	<u>CORE #184 4774'/4782'</u> Rec. 1' Mudstone, gray, very friable.
4775	4782		<u>Missed.</u>
4782	4783		<u>CORE #185 4782'/4783'</u> Rec. 0 No recovery.
4783	4788		<u>CORE #186 4783'/4788'</u> Rec. 0 No recovery.
4788	4792	4'	<u>CORE #187 4788'/4803'</u> Rec. 15' Shale, gray, mottled brown, calcareous.
4792	4803	11'	Shale, red, mottled with gray and yellow.
4803	4809	6'	<u>CORE #188 4803'/4818'</u> Rec. 15' Shale, gray, mottled with brown and yellow shale.
4809	4813	4'	Shale, limey, gray to dark brown.
4813	4816	3'	Limestone, gray, shaley.
4816	4818	2'	Shale, gray, mottled with brown and yellow shale, calcareous.

ELEVATION 5205.6' K.B. LOCATION: 1650' S. and 1564.2' W. of NE corner of Sec. 2.

SPUDED March 12, 1954

~~COMPLETED~~ Abandoned July 6, 1954

TOP	BOTTOM	REC'Y	FORMATION
			<u>CORE #189 4818'/4833' Rec. 15'</u>
4818	4822	4'	Shale, gray to black, pyritic.
4822	4824 $\frac{1}{2}$	2 $\frac{1}{2}$ '	Sandstone, salt and pepper, fine grained, calcite, few vertical fractures.
4824 $\frac{1}{2}$	4826 $\frac{1}{2}$	2'	Shale, as above; sandstone as above.
4826 $\frac{1}{2}$	4830	3 $\frac{1}{2}$ '	Mudstone, gray-green, pyritic.
4830	4833	3'	Red shale, mottled brown and yellow, pyritic.
			<u>CORE #190 4833'/4848' Rec. 15'</u>
4833	4847	14'	Shale, sandy, maroon, calcareous.
4847	4848	1'	Siltstone, gray, calcareous.
			<u>CORE #191 4848'/4863' Rec. 15'</u>
4848	4849	1'	Shale, gray as above.
4849	4856	7'	Shale, red as above.
4856	4861	5'	Shale, gray-green, fine grained; sandstone, pyrite.
4861	4863	2'	Shale, red.
			<u>CORE #192 4863'/4877' Rec. 14'</u>
4863	4867	4'	Shale, red as above.
4867	4872	5'	Shale, gray, fossiliferous.
4872	4877	5'	Shale, sandy, mottled red and yellow.
			<u>CORE #193 4877'/4892' Rec. 15'</u>
4877	4878	1'	Shale, gray as above.
4878	4892	14'	Shale, red, mottled brown, yellow, blue-green.
			<u>CORE #194 4892'/4907' Rec. 2'</u>
4892	4905		<u>Missed.</u>
4905	4907	2'	Red beds; shale, sandy; sandstone, very fine to medium grained, hard and tight; siltstone and mudstone.
			<u>CORE #195 4907'/4909' Rec. 2'</u>
4907	4909	2'	Red beds as above.
			<u>CORE #196 4909'/4910' Rec. 1'</u>
4909	4910	1'	Red beds as above.
			<u>CORE #197 4910'/4919' Rec. 9'</u>
4910	4919	9'	Red beds as above.
			<u>CORE #198 4919'/4921' Rec. 2'</u>
4919	4921	2'	Red beds as above. When the drill pipe was pulled, there were 16' of cores recovered and it is assumed that these cores represent the section from 4905' to 4921'.
			TOTAL DEPTH: 4921'



GENERAL PETROLEUM CORPORATION

A SOCONY-VACUUM COMPANY

612 South Flower Street, Los Angeles 54, Calif.

53 East 14th South Street
Salt Lake City, Utah
September 9, 1954

SEP 9 - 1954

Mr. H. C. Scoville
District Engineer
U. S. Geological Survey
Federal Building
Salt Lake City, Utah

(Pot)

Re: Bitter Creek Unit #63-2, Sec. 2, T.10S,
R. 21 E., Salt Lake B & M Uintah County,
Utah.

Dear Sir:

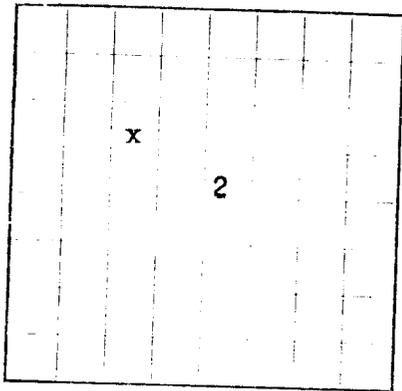
Enclosed for your information and files are the following records of the above captioned well.

1. Two copies of the log and history.
2. Two drafted thin line of electric log - scale 1" = 50'.
3. Two drafted thin line of electric log - scale 1" = 100'.
4. Two thin copies of the microlog.

Very truly yours

N. W. Schultz
N. W. Schultz

NWS:eaf



LOCATE WELL CORRECTLY

U.S. LAND OFFICE Salt Lake
SERIAL NUMBER State M-L 3352
LEASE OR PERMIT TO PROSPECT
Bitter Creek Unit
UNITED STATES 14-08-001-1088
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

LOG OF OIL OR GAS WELL

Company General Petroleum Corporation Address 53 East 4th South St. Salt Lake City, Utah
Lessor or Tract _____ Field Exploratory State Utah
Well No. 63-2 Sec. 2 T. 10s R. 21E Meridian Salt Lake M&M County Utah
Location 1650 ft. XX of N Line and 1564.2 ft. XX of E Line of Sec. 2 Elevation 5205.6 KB
(Elevation figure relates 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.

Signed A. L. Hair Title Division Superintendent

Date Sept. 9, 1954

The summary on this page is for the condition of the well at above date.

Commenced drilling March 12, 19 54 Finished drilling July 1, 19 54

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		
<u>7"</u>	<u>23#</u>	<u>8</u>		<u>322</u>	<u>W 7034</u> <u>Float</u>				<u>Surface pipe</u> <u>Protection</u> <u>string</u>
<u>5 1/2"</u>	<u>17#</u>	<u>8</u>		<u>2460</u>	<u>Float</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____

FOLD MARK

SAN JUAN COUNTY CONT'D

WORLD OIL CO. - #1 NAVAJO 10-43S-21E NE SW SW SLM CHINLE WASH AREA
 Noland Drlg Co, contr. 6700' Cambrian test. (Location 760' N/S - 760' E/W.) Spudded 5-5-54. Set 10 3/4" csg at 895' w/390 sx. Sample tops: Navajo-surface, Kayenta 230', Wingate 310', Chinle 755', Shinarump 1893', Rico 3170', Hermosa 4105', Paradox 4848'. Cored 1855-68', rec 12 1/2' siltstone & sand. DST 1893-96', op 1 hr, SI 1/4 hr, gd air blo 45 mins, dim to wk at end of test, rec 1520' frsh wtr. IFP 170#, SIP 690#, FFP 670#, HP 860#. Cored: 4870'-4895', Rec. 25', limestone lite to dark grey, fossiliferous, Cored 4895'-4920', Rec 25', limestone & shale bleeding brown oil in fractures. Cored 4920'-4969', rec 49', limestone, bleeding oil. DST 4889'-5013', op 1 hr, SI 15 mins, wk air blo incr to fair at end of test. Rec. SANPETE COUNTY 15' sli. 0 cut drlg fluid. Coring at 5059'.
PASO NATURAL GAS CO. - EPHRIAM CREEK UNIT #1 23-16S-4E SE SE NE SLM EPHRIAM CREEK UNIT AREA
 Great Western Drlg Co, contr. Dakota formation test to 8500'. (Exact location 251' W/E -2112' S/N.) Spudded 6/23/54. Elev. 7679' GR. Drlg. at 1285' in sand & shale.

WORLD OIL CO. - MARION #1 8-19S-1E NW NW NE SLM GUNNISON ANTICLINE AREA
 Casner & Bentz Drlg. Co, contr. 4500' Tertiary test. Farmout by Gunnison Oil Co., SLC, Utah. Spudded 5-13-54. Set 10 3/4" csg at 150', cemented. P.T.D. 1922'. Temporarily abandoned.

STATES NATURAL GAS CO. - COLLEEN K. STEINER #1 18-15S-6E NE NW SE SLM JOES VALLEY UNIT AREA
 Spudded 7-5-53 by B. F. Allison, contr. (3080' S/N - 3915' E/W.) Set 133/8" csg. Set 9 5/8" csg at 2592'. Electric log top Star Point 2540'. Old T.D. 3,450'. Resumed operations 5-19-54. P.T.D. 3805'. P.B.T.D. 1810'. Log top Blackhawk 815'. T.D. 3805'. Dry, P&A 6/21/54. Final Report.

UINTAH COUNTY

WORLD OIL CO. - #1 BELL, ET AL - #1 FEE 23-2N-1W NE SW USM WHITE ROCKS AREA
 Mesa Verde test. Spudded 5-29-54. P.T.D. 120'. Waiting on rotary rig.

WORLD OIL CO. - #1 UTE FEDERAL 12-4S-22E C SW SE SLM BRUSH CREEK AREA
 Loffland Bros Drlg Co, contr. (Location N/S - W/E.) 9,500' Mississippian test. Elev 5141' Gr. Spudded 6/29/54. Sample tops Mowry 90', Dakota 220', Morrison 305', Curtis 1155', Entrada 1305'. Set 13 3/8" surf csg. at 607 w/600 st. Electric log tops: Mowry 92', Dakota 219', Morrison 305'. Drlg at 1772'.

WORLD OIL CO. - #1 GOVERNMENT 3-7S-25E C NW NE SLM POWDER SPRINGS AREA
 9500' Weber test. Location.

WORLD OIL CO. - BITTER CREEK UNIT #63-2 2-10S-21E NE SW NE SLM BITTER CREEK UNIT AREA
 Clark Drlg Co, contr. 5000' test of basal Green River formation. Spudded 3-11-54. Set 7" csg at 322' w/70 sx. Cored 2468'-80', rec 12' including 5' oil shale, lt to dk brown color, bleeding 0; 5 1/2' shale dk bro w/few sandstone lenses, bleeding oil; 1 1/2' siltstone, lt bro to gray w/some shale streaks & some bleeding 0. Cored 2480-94', rec 14', incl 3' shale, lt gray to bro, sli bleeding 0; 5' siltstone in interbedded shale, lt gray to bro. some vertical fractures, no porosity or permeability, sli bleeding 0 from horizontal bedding planes; 6' oil shale, dk bro to lt bro, lower 4' moderately bleeding. Set 5 1/2" csg at 2460' w/50 sx. DST 2460-532', op 4 hrs 10 mins, lt stdy blo thruout, G to surf in 10 mins, est rate 20-25 MCRG/D. Ran swab to 2,250', rec est 2000' sli muddy salt wtr. Pulled tool, rec additional 970' salt wtr. FP 1200#, BHFP 0-900#. DST 3016-3038', op 2 hrs, wk blo 1 hr 40 mins, dim at end of test, vy wk intermittent blo for last 20 mins, SI 20 mins, rec 270' sli muddy wtr, grading to frsh w/scum of 0, no G. FP 0#, SIP 110#, HP 1375#. DST 4055-4132', op 1 hr, gd blo 20 mins, wk blo 40 mins, rec 375' G cut mud & 5 gals 0 (high pourpoint). IFP 365#, FFP 1200#, SIP 1540#, HP 2000#. T.D. 4921'. Dry, P&A 7/5/54. Electric Log tops: Uintah at surface, Greenriver 1665', Wasatch transition zone 4757', Wasatch 4830'. Elev. 5205' K.B. Final Report.

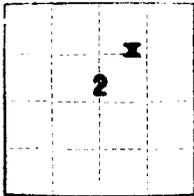
WORLD OIL CO. - McCOOK RIDGE UNIT #1 25-13S-23E NW NW NW SLM McCOOK RIDGE UNIT AREA
 6,500' Mesa Verde test. Farmout by Sun Oil Co. Location.

UTAH COUNTY

WORLD OIL CO. - F. KIRK JOHNSON - #1 POND TOWN CREEK UNIT 35-11S-6E SW NW SLM NORTH CLEAR CREEK
 Kerr-McGee Drlg Co, contr. 7700' Ferron & Dakota test. Elev 9289' Gr. (2970' N/S - 3330' E/W.) Spudded 8-21-53. Set 13 3/8" surf csg at 437.90' w/450 sx. DST 3839-939', cp 20 mins, rec 2700' mud. SIP 1340#, HP 1600#, DST 3601-3939', op 4 hrs, swabbed 30 bbls mud & 40 bbls wtr, no shows. Set cement plug #11 at 4890'-900'. Cement top at 4839'. Drlg thru to 4902' losing half returns. Regained full returns at 4942'. Set 7" liner at 3324'-5124' w/221 sx. T.D. 6,270'. Set whipstock at approx 5870'. Drlg whipstock hole. Drlg shale 5923'-31'. Tentative sample top Ferron 6,865', Ran electric logs to 7033'. Set 5 1/2" csg. at 7033' w/? sx. Cored 7074-92', Rec. 12' sand & shale. Cored 7092'-7104', rec, sand & shale-good fluorescence & oil stain w/dead oil cut. DST 7028-74, open 1 1/2 hrs. rec 180' mud & 160' of water. Drlg at 7402' in shale & sand.

WASHINGTON COUNTY

WORLD OIL CO. - #1 CORNELIUS 14-41S-12W NE NE NE SLM VIRGINE DOME AREA
 Scheduled Kaibab test to 950' w/company tools. Spudded 11-25-53. Temporarily shut down at P.T.D. 668'.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake**
Lease No. **State M. L. 3352**
Unit **Bitter Creek**
11-08-001-1088

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	

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

August 24, 1955

Bitter Creek Unit
Well No. **63-2** is located **1650** ft. from **N** line and **1564.2** ft. from **E** line of sec. **2**

N/E/4 Sec. 2
(1/4 Sec. and Sec. No.)

108
(Twp.)

21E
(Range)

Salt Lake
(Meridian)

(Field)

Uintah
(County or Subdivision)

Utah
(State or Territory)

hally bashing
The elevation of the ~~surface~~ above sea level is **5205.6** 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)

Present Condition of well: 7" casing cemented @ 322' w/70 sax; 5-1/2" F.J. casing cemented at 2460' w/h0 sax; total depth 4921'; plugged depths 4140'/3894' not located, 2750'/2540'. Well was left in this condition as source of water for future drilling.

The State Land Board of Utah finds the water from this well unsuited for livestock watering or irrigation purposes, and it is now proposed to abandon this well in the following manner:

- (1) Plug with cement from 2540' to 2440'. Top of cement to be at 2440' or above.
- (2) Place 10' bridge of cement in 5-1/2" casing at surface, weld plate over 5 1/2" casing, erect regulation U.S.G.S. marker and abandon the well.

Cement must come back up hole to at least 2440'.

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

Company **General Petroleum Corporation**

Address **53 East 4th South Street**

Salt Lake City, Utah

By **A. L. Hair**

Approved **AUG 29 1955**

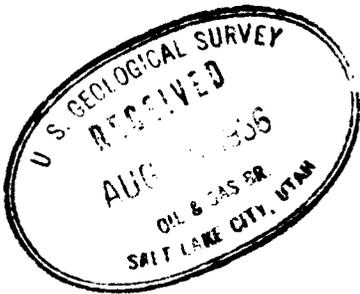
Title **Division Superintendent**

D. P. Russell
District Engineer

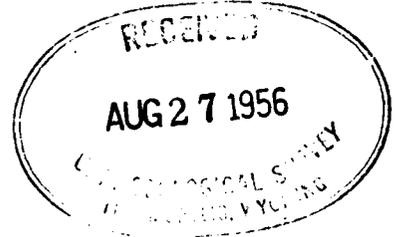
COPY

SLC-14

GENERAL PETROLEUM CORPORATION



August 21, 1956



Havenstrite Oil Company
811 West Seventh Street
Los Angeles 17, California

Attention: Mr. John Gillham

Re: Our File 010293
Assignment of Water Well
Utah Mineral Lease No. 3352
Uintah County, Utah

Gentlemen:

In connection with the subject Assignment of Water Well, Mr. J. R. Schwabrow of the United States Geological Survey in Casper, Wyoming has requested that we furnish you with a copy of our notice to abandon Bitter Creek Unit Well #63-2, said notice being approved by the Survey's District Engineer, Mr. D. F. Russell, on August 30, 1955.

on State land 2-105-21E

This notice is attached hereto and the Survey has requested that Havenstrite follow the procedure set forth on said notice at the time they prepare to abandon Well #63-2.

Yours very truly,

W. P. Carver
Manager, Land Department

By /s/ V. H. Pynn
V. H. Pynn

VHP:jcg
attach.
cc: Mr. J. R. Schwabrow

STATE OF CALIFORNIA }
County of Los Angeles }

On this 9th day of June, 1956, before me, Jessie M. Humphrey, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared R. E. HAVENSTRITE, known to me to be the General Partner of the Partnership that executed the within instrument, and acknowledged to me that such partnership executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Jessie M. Humphrey
Notary Public in and for said County
of Los Angeles, State of California.

My Commission Expires July 25, 1957.

FORM 5518

STATE OF CALIFORNIA, }
County of Los Angeles }

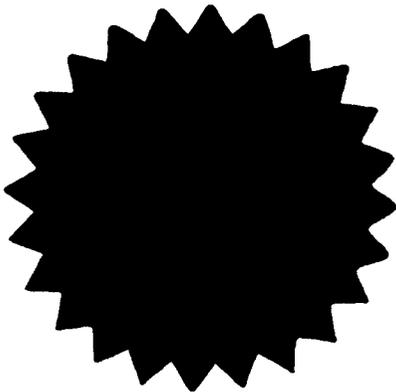
ss.

ON THIS 26th day of June, 1956, before me, appeared T. P. SIMPSON and M. D. GEPHART, to me personally known, who being by me duly sworn, did say that they are the Vice President and Assistant Secretary respectively of the GENERAL PETROLEUM CORPORATION and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors and said T. P. SIMPSON and M. D. GEPHART acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and official seal.

My Commission Expires Dec. 27, 1959.

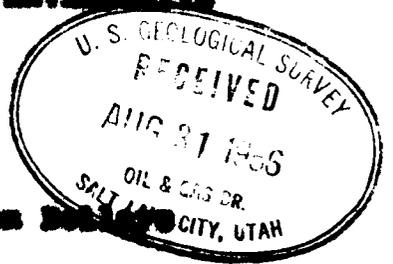
Walter R. [Signature]
Notary Public in and for said County and State.



ASSIGNMENT OF WATER WELL

AUG 31 1956

THIS ASSIGNMENT, made and entered into this 9th day of June, 1956, by and between **GENERAL FUEL OIL CORPORATION**, a Delaware corporation, Assignor, and **HAVERHURST OIL COMPANY**, a limited partnership, Assignee,



W I T N E S S E T H

For and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration to the Assignor paid by the Assignee, the receipt and sufficiency of which is hereby acknowledged, the Assignor does hereby assign, transfer, and set over unto Assignee and to its successors and assigns all its right, title and interest in and to that certain Water Well formerly designated as Bitter Creek Unit Well No. 63-2 (said unit having been terminated January 1, 1955) located 1690' South and 1544.2' West from the northeast corner of Section 2, Township 10 South, Range 21 East, 21N, Uintah County, Utah, which well is located on lands covered by Utah Mineral Lease No. 1122 dated January 2, 1953.

State Land

Assignee hereby acknowledges the fact that water from the above well is unfit for human use, livestock watering and irrigation purposes, and agrees to use the said water for drilling purposes only; and further agrees to indemnify and save said Assignor harmless from all claims, demands, actions and damages whatsoever kind and nature resulting from Assignee's use of said water well.

Assignee also agrees that in the event it should discontinue the use of water from the above well for drilling purposes, said well will be properly plugged and abandoned within ninety (90) days at the sole expense of Assignee.

Assignor and Assignee hereby agree that this assignment shall be of no force or effect until the State Land Board of the

State of Utah, Lessor in the above Mineral Lease No. 1352, has consented to this assignment.

IN WITNESS WHEREOF, the Assignor and Assignee have caused this instrument to be executed as of the day and year first above written.

NAVENSTEITE OIL COMPANY
A Limited Partnership

By *[Signature]*
N. H. NAVENSTEITE
General Partner
"Assignee"

GENERAL PETROLEUM CORPORATION

By *[Signature]*
"Assignor"
By *[Signature]*
"Assignor"

The State of Utah, acting by and through the State Land Board, hereby consents to the above assignment.

STATE OF UTAH
State Land Board

[Signature]

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah, 84111

March 17, 1967

Havenstrite Oil Company
811 West Seventh Street
Los Angeles, California

Gentlemen:

Our records indicate that you took over well #63-2, SW¹/₄NE¹/₄ sec. 2, T. 10 S., R. 21 E., by assignment from General Petroleum Corporation on June 9, 1956. This well was drilled by General Petroleum Corporation in 1955 as Bitter Creek unit well 63-2 and was located on land covered by Utah State Mineral Lease No. 3352 dated January 2, 1955.

Water from this well was to be used by you for drilling purposes and upon discontinuance of the use of the water for this purpose, the well was to be properly plugged and abandoned since the quality of the water was reportedly unsuitable for domestic, livestock watering, or irrigation purposes.

We do not have any evidence in our files that the well has been plugged and abandoned. Will you please check your records and furnish us with the abandonment information; or, if the well has not been abandoned, you should look into the matter of getting the abandonment work completed as soon as possible. If you have any questions on this matter, please contact me.

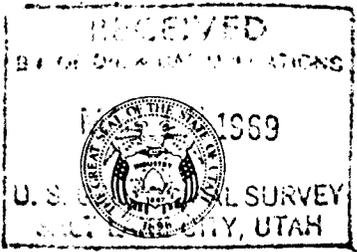
Sincerely yours,

(ORIG. SCD) R. A. SMITH

Rodney A. Smith,
District Engineer

cc: State O&G Com.

PMB
PF



THE STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF STATE LANDS
SALT LAKE CITY, UTAH 84114

BOARD MEMBERS

- C.S. Thompson, Chairman
- T. H. Bell
- Phillip V. Christensen
- J. Whitney Floyd
- M. V. Hatch
- J. Harold Reese
- Don Showalter

CHARLES R. HANSEN
Director

March 10, 1969

Mr. Rodney Smith
U. S. Geological Survey
Oil and Gas Branch
125 South State
Salt Lake City, Utah

Dear Rod:

Enclosed please find a Release of Water Well covering the General Petroleum Corporation well # 63-2 in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 2, Township 10 South, Range 21 East, SIM.

SW NE

I have finally got this document prepared and executed, and I hope this will be sufficient for your needs.

Yours very truly,

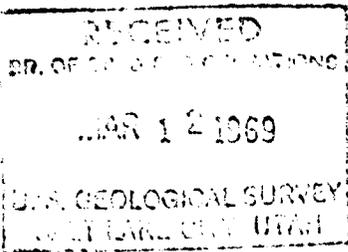
DONALD G. PRINCE
ECONOMIC GEOGRAPHER

DGP

1b

Enclosure

[Faint handwritten notes or scribbles]



✓ RELEASE OF WATER WELL

WHEREAS, that certain Oil and Gas Lease was made and entered into on January 2, 1953, by and between the State of Utah, Lessor, and General Petroleum Corporation, Lessee, bearing serial number ML 3352; and

WHEREAS, De Kalb Agricultural Association, et al, whose address is De Kalb, Illinois, was the last Lessee of record; and has now relinquished said lease; and

WHEREAS, said Lease provides that there is reserved by the Lessor all rights to the leased lands after termination of said lease and the Lessor desires to acquire casing and to operate valuable water well located on said Lease and lands; and

WHEREAS, General Petroleum Corporation, as operator, has drilled an oil or gas test well located 1650 feet from the North line and 1564.2 feet from the East line of Section 2, in Township 10 South, Range 21 East, SIM, and said well being located in Lot 2 of the said Section 2, a portion of the above lease, which well appears to contain water of such quality and quantity to be valuable and useable at a reasonable cost for agriculture, domestic, or other purposes; and

WHEREAS, the De Kalb Agricultural Association, as Lessee, and the General Petroleum Corporation, as operator, have relinquished and quitclaimed all rights, title, and interest in and to said lease and well to the State of Utah in lieu of plugging same to surface; and

WHEREAS, the State of Utah, acting by and through the Division of State Lands, desires to take over said well with the express understanding and agreement that the taking over of such well will not restrict operations of said lease.

NOW, THEREFORE, for and in consideration of the premises, the undersigned has released, and does hereby release the United States of America, acting by and through the Secretary of the Interior, for all responsibility for said above described well, reserving the right to operate said well for the production of water therefrom, for other operations.

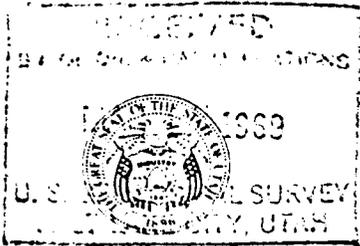
IN WITNESS WHEREOF, the undersigned has executed this Release on this 7th day of March, 1969.

cc: State O&G Com. ✓



DIRECTOR
DIVISION OF STATE LANDS

242
PE



THE STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF STATE LANDS
SALT LAKE CITY, UTAH 84114

BOARD MEMBERS

- C.S. Thompson, Chairman
- T. H. Bell
- Phillip V. Christensen
- J. Whitney Floyd
- M. V. Hatch
- J. Harold Reese
- Don Showalter

CHARLES R. HANSEN
Director

March 10, 1969

Mr. Rodney Smith
U. S. Geological Survey
Oil and Gas Branch
125 South State
Salt Lake City, Utah

Dear Rod:

Enclosed please find a Release of Water Well covering the General Petroleum Corporation well # 63-2 in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 2, Township 10 South, Range 21 East, SIM.

SW NE

I have finally got this document prepared and executed, and I hope this will be sufficient for your needs.

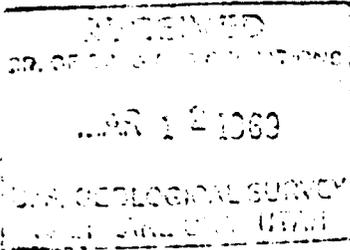
Yours very truly,

DONALD G. PRINCE
ECONOMIC GEOGRAPHER

DGP

/
1b

Enclosure



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WHEREAS, De Kalb Agricultural Association, et al, whose address is De Kalb, Illinois, was the last Lessee of record; and has now relinquished said lease; and

WHEREAS, said Lease provides that there is reserved by the Lessor all rights to the leased lands after termination of said lease and the Lessor desires to acquire casing and to operate valuable water well located on said Lease and lands; and

WHEREAS, General Petroleum Corporation, as operator, has drilled an oil or gas test well located 1650 feet from the North line and 1564.2 feet from the East line of Section 2, in Township 10 South, Range 21 East, SIM, and said well being located in Lot 2 of the said Section 2, a portion of the above lease, which well appears to contain water of such quality and quantity to be valuable and useable at a reasonable cost for agriculture, domestic, or other purposes; and

WHEREAS, the De Kalb Agricultural Association, as Lessee, and the General Petroleum Corporation, as operator, have relinquished and quitclaimed all rights, title, and interest in and to said lease and well to the State of Utah in lieu of plugging same to surface; and

WHEREAS, the State of Utah, acting by and through the Division of State Lands, desires to take over said well with the express understanding and agreement that the taking over of such well will not restrict operations of said lease.

NOW, THEREFORE, for and in consideration of the premises, the undersigned has released, and does hereby release the United States of America, acting by and through the Secretary of the Interior, for all responsibility for said above described well, reserving the right to operate said well for the production of water therefrom, for other operations.

IN WITNESS WHEREOF, the undersigned has executed this Release on this 7th day of March, 1969.

cc: State O&G Com. ✓

DIRECTOR
DIVISION OF STATE LANDS



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

CLEON B. FEIGHT
Director

August 24, 1978

Mobil Oil Corporation
Box 5444
Denver, Colorado 80217

Re: Well No. Bitter Creek Unit 63-2
Sec. 2, T. 10S, R. 21E,
Uintah County, Utah

Gentlemen:

In the process of updating this Division's Water Well files, it was noted that we have not received any recent status notification on the above mentioned well(s).

In order to keep our records accurate and up-to-date, please complete the enclosed form OGC-1b, and forward them to this office as soon as possible.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY AVILA
RECORDS CLERK



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangarter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

September 23, 1988

TO: Ron Firth John Baza
 Gil Hunt Steve Schneider
 Arlene Sollis Jim Thompson

FROM: Don Staley

RE: The New Well Review Committee

Congratulations. You have just been selected to be a member of the newest of the Division's many committees: The Well Review Committee. The mission of this committee will be to join our collective talents to resolve various problems associated with old wells. Approximately once a month we will attempt to assemble ourselves to review approximately 5 problem wells. Our first meeting is scheduled for Wednesday, October 5, at 1:30 p.m. Below is a rough outline of the procedures we will be following.

1. The Administrative Supervisor will select approximately 5 wells for review.
2. The Well History and Activity Group Supervisor will review the following for each well:
 - The well file for historical data
 - The bonding status of fee and state lease wells
 - The computer, cardex, etc. files for consistency of data
3. The Well History and Activity Group Supervisor will then prepare a summary history of each well from data in the well file and present it to the Administrative Supervisor for review.
4. After the Administrative Supervisor reviews the well histories and determines that the wells are still legitimate problem wells, an announcement of the next Well Review Committee meeting will be made and a copy of the well histories will be sent to the Committee members.
5. After the well histories have been distributed, the following should take place:
 - The Lead Inspector should assure that inspections of the subject wells have recently been done or will be done prior to the next Well Review Committee meeting if at all possible.

- The Technical Group will determine if well bore diagrams, maps, or other technical aids or data would be useful in the review process.
6. The Well Review Committee will then meet and discuss each well using the following agenda:
- Review - A review will be made of wells discussed at the previous committee meeting to determine what progress has been made and what further action must be taken.
 - New Wells - The Well History and Activity Group Supervisor will present a history of each of the new wells being reviewed.
 - The Lead Inspector will present any data found in the inspection of the wells.
 - The Committee will discuss the wells and determine what options are available to the Division.
 - A decision will be made as to what action is to be taken.
 - If record keeping only is required, the Well History and Activity Group will handle the problem.
 - If problems other than record keeping are involved, the Associate Director will determine who will handle the problem, what course of action will be taken, and a deadline for the planned action.

All well files, bond information, maps, etc., should be brought to the meeting for review if needed.

Presently, I have a very long list of old problem wells that should eventually be reviewed. Most of these are wells that were spudded but never completed. If any of you run across additional problem wells, feel free to let me know and I will add them to the list. You will find the histories of the wells to be reviewed at our first meeting attached to this memo.

I hope that this committee will provide us with the mechanism to clean up some of the old headaches that have been haunting the Division for years. Thanks for your help.

Attachments

cc: DRN

0464T-30-31

CKM RESOURCES - (ACTIVE OPERATOR) STATE 16-6 - SE SW Sec. 16, T.9S,
R.17E, DUCHESNE CO. 1817' FNL, 1981' FWL - STATE LEASE - \$5,000
BOND IN PLACE - API #43-013-31145

1. Well permitted December 13, 1985.
2. Spudded December 9, 1985 - dry hole digger - set 8 5/8" casing at 300'
3. Waiting on rig and weather 2/3/86 to 6/4/86
4. Letter requesting extension of drilling permit. Letter was answered by JRB explaining the well had been drilled that no approval was needed to suspend operations.
5. Inspection report from Glen Goodwin on March 30, 1988, stated that the location was built, pit dug. Pit was dry, no fence. Surface set w/bucket over top.

COMBINED OIL & GAS, INC. - (not active operator) GERALD YOUNG RANCH
#1 - SE SW Sec. 30, T.1S, R.6E - SUMMIT CO. - 1078' FSL,
1686' FWL - FEE LEASE - BLANKET BOND OF \$50,000 (not valid) -
API #43-043-30049

1. Well permitted April 19, 1977.
2. Spudded August 3, 1977, drilled approx. 66'. Water & boulders encountered at all drilling levels.
3. Drilling progresses slowly. Loss of drill stem and tools down hole on Sept. 9, 1977, not recovered. Water encountered at all levels and drilling only to 88'. Tools recovered. Surface casing set and cemented at 232'. A memo to file dated June 13, 1979, stated that a small trailer-mounted rig moved on location. Stuck in hole at 1800'. Inspection was made June 25, 1979, and found crew had left water running into the well bore over the weekend. Water was rushing from the annulus under the drilling table, and over the top of the mud tanks. Reserve pond was filled and washed out into the nearby fields spreading much of its wastes and chemicals outside the location. Water was shut off by driller. Letter was written regarding this incident and was reported that the location was cleaned up within 24 hours of spill. Memo to file on August 29, 1979, rig had been moved off and well had been capped but not plugged. Letter written January 9, 1980, by attorney Paul N. Cotro-Manes, that the well should be properly plugged and abandoned and the lease was terminated as of that date. Well drilled to TD of 1956' May 10, 1980, well to be TA status. Change of operator to Sid Tomlinson was made November 10, 1982. (Change of operator not entered in computer or card file.) Letter was sent to Sid Tomlinson by John Baza requesting that well be properly plugged and abandoned. Plugging orders from John Baza were signed June 10, 1987.

NEEDLES EXPLORATION COMPANY - (NOT ACTIVE OPERATOR) - NEEDLES ANTICLINE STATE 1-B - SE NW Sec. 16, T. 24S, R. 19W - MILLARD CO. - 2030' FWL, 1980' FEL - STATE LEASE - API #43-027-30011 - (CASHIER'S CHECK UNDER THE NAME OF NEEDLES EXPL. FOR \$5,000 ACCEPTED 6-10-74; TREASURY NOTE FOR SAME LEASE UNDER THE NAME OF ENSIGN GAS & OIL COMPANY FOR \$5,000 FROM 8-1-80 to 12-31-80 - NO BOND ISSUED FOR COMMADORE RESOURCES)

1. Well approved January 13, 1976.
2. Casing set January 30, 1976.
3. Safety hazards observed & reported to the Industrial Commission.
4. Operations suspended in February, 1976, waiting on rig.
5. As of June 22, 1982, Larry Newman, President, Needles Exploration Company, informed this office that Commadore Resources assumed interest in the Needle Anticline well.
6. On August 21, 1985, a proposed P & A procedure was signed by JRB.
7. Follow-up letter dated November 17, 1986, was sent by JRB to Commadore Resources that the well remains unplugged and unmarked and the site unreclaimed.

DEKALB AGRICULTURE - (NOT ACTIVE OPERATOR) BITTER CREEK UNIT 63-2 - NE NE Sec. 2, T. 10S, R. 21E - 1650' FNL, 1564' FEL - UINTAH COUNTY - STATE LEASE - API #43-047-11477 - STATEWIDE BOND RELEASED 10-9-67, LEASE CANCELLED JANUARY, 1965)

1. Approved March 10, 1954, in the name of General Petroleum Corporation
2. Well spudded March 12, 1954
3. Drilled to TD 4921' - Abandoned July 8, 1954
4. Plugging orders given August 25, 1955
5. Changed operator to Havenstrite Oil Company
6. Letter from State Lands dated March 10, 1969, regarding lease being operated by De Kalb of Illinois and General Petroleum Corporation as operator of the well, have relinquished and quit claimed all rights, title and interest in and to said lease and well to the State of Utah in lieu of plugging same to surface; and the State of Utah, acting by and through the Division of State Lands, desires to take over said well with the express understanding and agreement that the taking over of such well will not restrict operations of said lease.
7. Inspection was made by Carol Kubly on May 1, 1987. She stated that the well was producing water and gas. No valves, no gauges. Gas and water bubbling out of top of well head running down draw to stock pond roughly 200-250' away.

THOMAS D. HARRISON - HARRISON FEDERAL 31-1 - Sec. 31, T. 20S, R. 24E
360' FNL, 300' FEL - GRAND COUNTY - FEDERAL LEASE
API #43-019-30339

- PA'ed
1. Well permitted February 23, 1977 for oil production only.
 2. Well spudded November 19, 1979 and completed December 14, 1979 as a shut-in oil well. Open hole completion. Well had a good show of oil in the Brushy Basin at 615' five feet below the cemented casing. Oil soon turned to water. Suspect the water is coming from a bad (if any) cement job on the old Pumpelly Stava 31-81 well 30 feet away. Have suspended operations until appropriate action can be taken to open up the old 31-81 well, drill it out & re-cement to hopefully shut off the water.
 3. Contacted BLM in Moab and their records show this well to be P & A'd as of September 22, 1985. The Resource Area has reviewed the site on September 8, 1988 and rehabilitation of the area is in order.



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

October 21, 1988

Mr. Ed Bonner
Division of State Lands and Forestry
355 West North Temple
3 Triad Center, Suite 400
Salt Lake City, Utah 84180-1250

Dear Mr. Bonner:

Re: Old Wells: State 16-6 (API 43-013-31145); Needle Anticline 1-B
(API 43-027-30011); Bitter Creek Unit 63-2 (API 43-047-11477)

The Oil and Gas Section of this Division recently organized a well review committee to review and resolve various problems associated with old wells. In a recent meeting, three wells were discussed that are located on state leases. It was determined by the committee that the Division of Oil, Gas and Mining has exhausted all of its options in attempts to resolve the problems associated with these wells.

This is to advise that responsibility now rests with the Division of State Lands and Forestry, as lessor, to determine what actions should be taken with these wells. Brief histories of the three referenced wells are attached. The DOGM stands prepared to offer any assistance possible. We would appreciate hearing your conclusions as soon as possible. Your attention to this matter is appreciated.

Sincerely,

Don T. Staley
Administrative Supervisor

tc

Attachments

cc: D. R. Nielson

R. J. Firth

J. R. Baza

S. L. Schneider

G. L. Hunt

A. W. Sollis

J. L. Thompson

WELL: Bitter Creek Unit 63-2
API: 43-047-11477
LOCATION: NENE 2, T10S, R21E (1650 FNL 1564 FEL)
OPERATOR: State of Utah (?)

Permitted March 10, 1954 to General Petroleum Corporation. Spudded March 12, 1954. Drilled to 4921'. Abandoned (temporarily) July 8, 1954. Sundry dated 8-24-55 shows intent to plug and abandon well. Assignment of Water Well dated 6-9-56, shows assignment from General Petroleum to Havenstrite Oil Company and states that the water is to be used only for drilling purposes and the well is to be plugged within 90 days after ceasing to use it for drilling water. Release of Water Well dated 3-7-69 and signed by the director of the Division of State Lands states that the State of Utah, acting by and through the Division of State Lands, desires to take over the well. DOGM letter dated 8-24-78 to Mobil Oil Corp requests Mobil to submit a form OGC-1b to update our files. No further correspondence in file. Inspection performed 5-1-87 shows no valves; no gauges; gas and water bubbling out of top of well head, running down draw to stock pond roughly 200-250' away.

Well Name	First Discussed	
State 16-6 43-013-31145	10-5-88	Sent letter to Ed Bonner 10-21-88. Talked to Ed 11-16-88. Said he's working w/CKM Resources to resolve. No further info.
Gerald Young Ranch 1 43-043-30049	10-5-88	Letter signed by DRN was sent - returned to sender in Dec. Naylor has agreed to sign check when we give him written release of obligation.
Needles Anti-cline State 1-B 43-027-30011	10-5-88	Sent letter to Ed Bonner 10-21-88. Talked to Ed 11-16-88. Said he's checking w/St. Lds. attorney to see if CD can be used to reclaim location. No further info.
Bitter Creek 63-2 43-047-11477	10-5-88	Sent letter to Ed Bonner 10-21-88. Talked to Ed 11-16-88. Said he hasn't looked into this well yet but didn't think they could do anything with it. No further info.
Harrison Fed 31-1 43-019-30339	10-5-88	Well was reported plugged. No committee action required.
Anschutz Ranch East 6-30U 43-043-30177	11-22-88	At meeting, AWS said we might be getting a WCR. JLT was planning to send inspector to check it. RJF said if Anschutz doesn't have any wells we ought to call them and release bond if desired. AWS to handle
Stephen Szot 1 43-005-30009	11-22-88	JLT handling. Well tied up in court. We can do little until resolved. JLT to send copy of his correspondence covering situation to well file.
Stephen Szot 2 43-005-30010	11-22-88	JLT handling. Well tied up in court. We can do little until resolved. JLT to send copy of his correspondence covering situation to well file.
Nordeen 1-A 43-037-30128	11-22-88	Committee decided on 11-22-88 that well's computer status should be changed from OPS to SOW so well would show up on San Juan Mineral's TAD. Done 11-25-88.
Natural Buttes 82N4 43-047-31236	11-22-88	According to report sent in, well may be PxA'd. JRB will check it out and report back at next meeting.



Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

March 17, 1992

Mr. Gary Bagley
Northern Regional Office
Division of State Lands & Forestry
3 Triad Suite
Salt Lake City, Utah 84180

In Re: Plugging and Abandonment of the Bitter Creek Unit #63-2
Section 2, T10S, R21E, Uintah County, Utah.
API # 43-047-11477

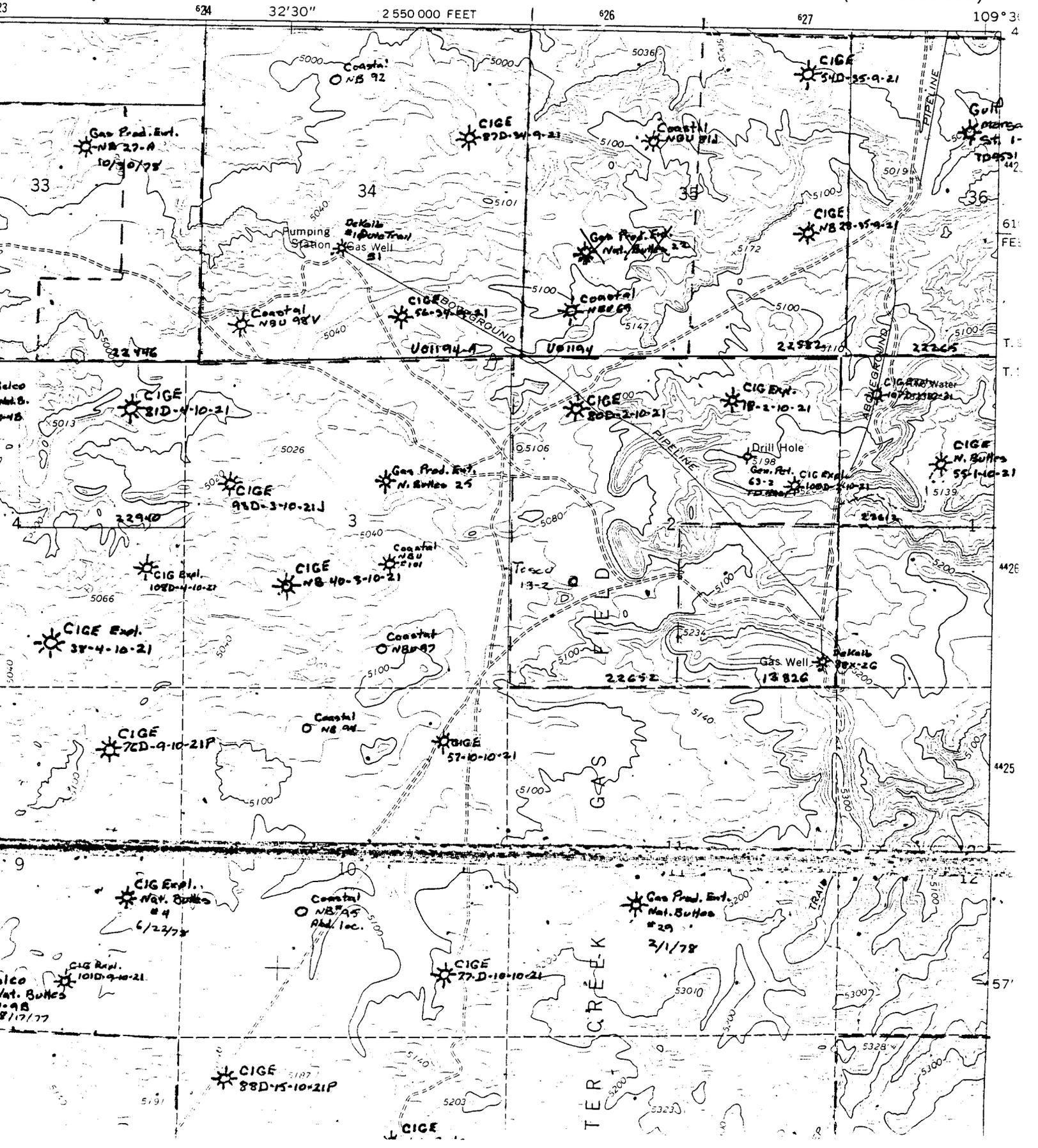
Dear Sir:

The Division Of Oil Gas & Mining is proposing the plugging of the referenced well sometime in July of this year. We have talked to Mr. Ed Bonner, who told us to contact you. We need a letter from you stating your concurrence and approval of the plugging. If you have any problems with this plugging, please contact either Frank Matthews or Jim Thompson at 538-5340.

Yours truly,

A handwritten signature in cursive script that reads "F. R. Matthews".
F. R. Matthews

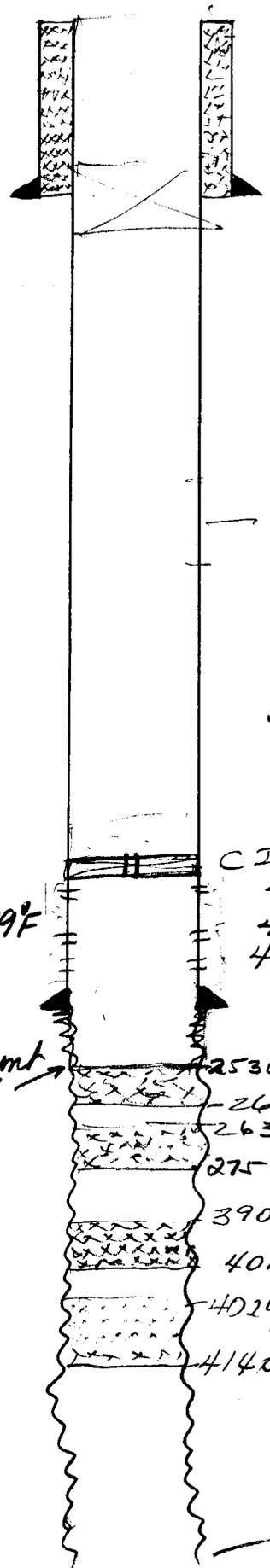
BIG PACK MTN. NE QUADRANGLE
UTAH-UINTAH CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



WELL: Bitter Creek Unit 63-2
API: 43-047-11477
LOCATION: NENE 2, T10S, R21E (1650 FNL 1564 FEL)
OPERATOR: State of Utah (?)

Permitted March 10, 1954 to General Petroleum Corporation. Spudded March 12, 1954. Drilled to 4921'. Abandoned (temporarily) July 8, 1954. Sundry dated 8-24-55 shows intent to plug and abandon well. Assignment of Water Well dated 6-9-56, shows assignment from General Petroleum to Havenstrite Oil Company and states that the water is to be used only for drilling purposes and the well is to be plugged within 90 days after ceasing to use it for drilling water. Release of Water Well dated 3-7-69 and signed by the director of the Division of State Lands states that the State of Utah, acting by and through the Division of State Lands, desires to take over the well. DOGM letter dated 8-24-78 to Mobil Oil Corp requests Mobil to submit a form OGC-1b to update our files. No further correspondence in file. Inspection performed 5-1-87 shows no valves; no gauges; gas and water bubbling out of top of well head, running down draw to stock pond roughly 200-250' away.

Bitter Creek - 63-4



7" 23# J-55 @ 322' cont w/ 70 sk. circ.

Fluid level @ 700'.

Need 9# mud.

Test case.

1665' GREV

BHT-129°F

Top of sand cont @ 2530'

CIB P

4-1/2" holes @ 2446 shut off w/ squeeze
 4-1/2" holes @ 2448 squeezed w/ 200 sk.
 4-1/2" holes @ 2450 squeezed w/ 50 sk
 5 1/2" @ 2460' w/ 40 sk cont.

Swab test 2460-2540 448 bbls water

2620 Plug 12sk @ 2620' 107' plug

2750 Plug 13sk @ 2750' 116' plug calculated

4010 Plug w/12sk @ 4010 107' plug calculated

4140 Plug w/13sk @ 4140 116' plug calculated

4 3/4" hole to 4921'

Individual Well Summary

Well Name: Bitter Creek Unit 63-2
API No: 43-047-11477
Location: 1650 FNL, 1564 FEL, Sec. 2 T. 10S, R. 21E,
Uintah County, Utah
Last Known Operator: DeKalb Agriculture-address unknown
Lease: State-ML-3352
Well Status: Water Supply Well-leaking gas and water.

Inspection History:

1-5-87 Inspection by Carol Kubly. Leaking gas and water.
10-12-88 Inspection by Carol Kubly. Leaking gas and water.
1-30-89 Inspection by Carol Kubly. Well venting gas and water.
1-9-90 Inspection by Carol Kubly. Gas and water leaking from wellhead.
12-6-90 Inspection by Carol Kubly. Water and gas bubbling out of open well bore and running down drainage.

Correspondence History:

(NOTE: A water rights file exists for the water from this well to be used for oil and gas exploration. The file number is 49-3(31115). It was issued to DeKalb Agricultural Association Inc. in 1959. The well was originally drilled and permitted by DOGM as an oil and gas exploration well. The oil and gas bond has been released and the well is the responsibility of the State of Utah.

3-8-54 Report of operations, intent to drill.
3-10-54 Conditions of approval.
3-00-54 Report of operations, spudded well 3-12-54.
3-17-54 Report of operations, supplementary well history.

vidual Well Summary (continued)

- 4-00-54 Report of operations, coring well @ 2843', cemented 5 1/2' casing @ 2460'.
- 4-16-54 Sundry Notice of intent to change plans due to circulation difficulties.
- 4-16-54 Report of operations, supplementary well history, drilling report and preparing to run 5 1/2' casing.
- 4-26-54 Preliminary Core Description.
- 5-00-54 Report of operations, coring well @ 4153'.
- 5-24-54 Sundry Notice, supplementary well history, D. S. T. # 3 @ 4055'-4132'.
- 5-10-54 Sundry Notice, supplementary well history, D. S. T. # 2 @ 3016'-3038'. Cored 2576'-3038' and 3038'-3410'.
- 6-00-54 Report of operations, coring well @ 4911'.
- 6-28-54 Sundry Notice, supplementary well history, D. S. T. # 4 @ 4617'-4774'.
- 7-00-54 Monthly Report of Operations, well abandon 7-8-54.
- 7-7-54 Sundry Notice, notice of intent to temporarily abandon well.
- 7-7-54 Sundry Notice, supplementary well history, coring well @ 4774-4921' and ran E. log.
- 7-19-54 Sundry Notice, subsequent report to temporarily abandon well.
- 9-9-54 Letter from General Petroleum to USGS with enclosed well logs, log of oil or gas well and well completion report.
- 8-30-55 Sundry notice of intent to plug and abandon well approved by USGS.
- 6-9-56 Notarized assignment of water well between General Petroleum Corp. and Havenstrite Oil Co.
- 8-21-56 Letter to Havenstrite Oil Co. from General Petroleum stating that they follow the procedure set forth by the USGS for plugging said well.

Individual Well Summary (continued)

- 3-17-67 Letter to Havenstrite Oil Co. from USGS stating that they do not have any evidence in their files that the well has been plugged and abandon and to complete plugging as soon as possible.
- 3-10-69 Letter to Mr. Rodney Smith with USGS from Division of State Lands, with a release of water well covering the General Petroleum Corp. well # 63-2. Release was executed 3-7-69 by the Director of State Lands.
- 8-24-78 Letter to Mobil Oil Corp, requesting a status update of the above mentioned well.
- 10-21-88 Memo from DOGM to State Lands, advising that they have responsibility to determine what action should be taken with this well. Attached well history states that the assignment of water well in 1956, shows assignment from General Petroleum to Havenstrite Oil Co. and states that water is to be used for drilling purposes and the well was to be plugged within 90 days after ceasing to use water for drilling.

Problem Summary:

Well was not plugged in 1954. Present status, well is leaking water gas through wellhead. State Lands released General Petroleum and took over the ownership of the well. Water from well is reportedly unsuitable for domestic, livestock watering, or irrigation purposes.

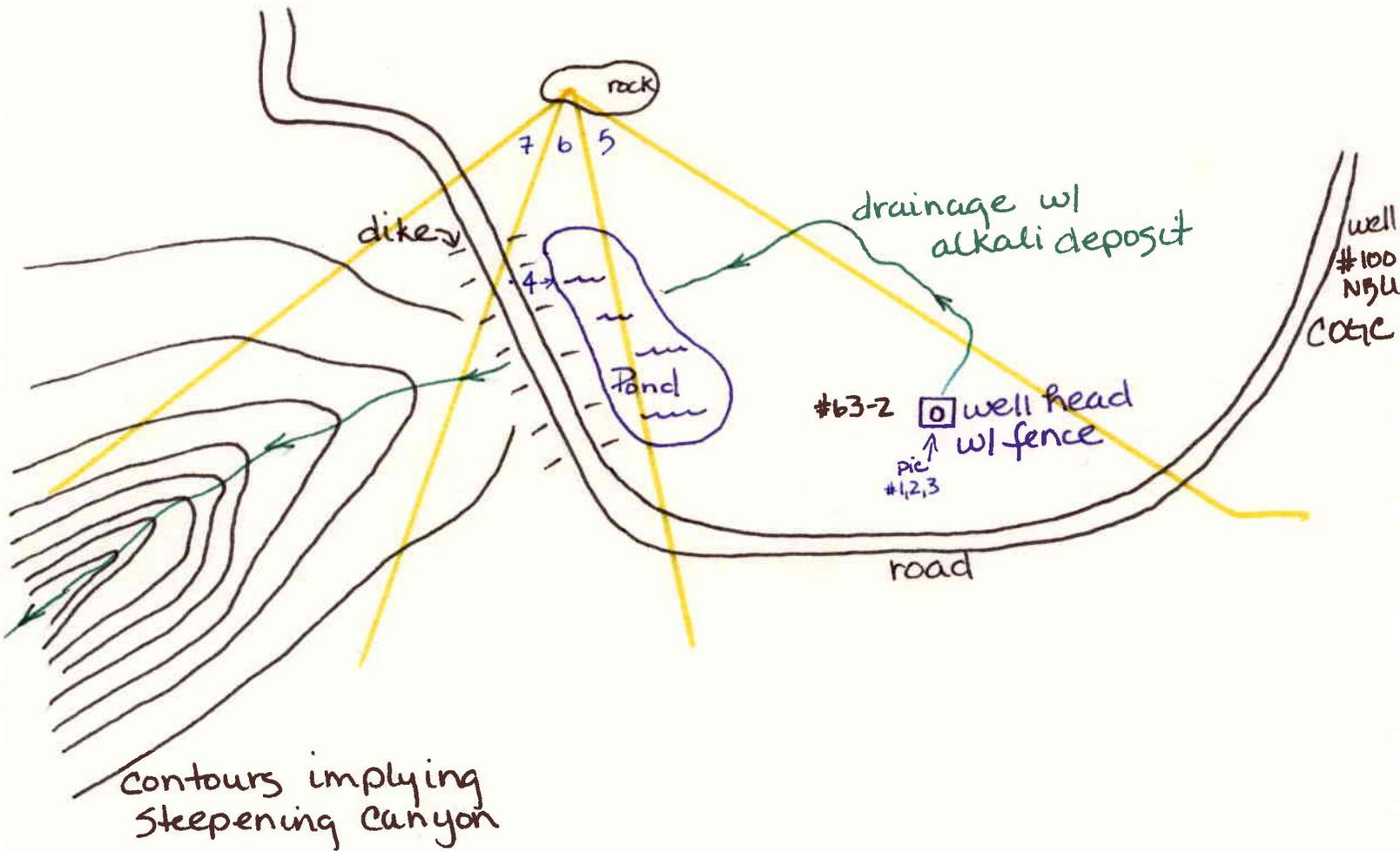
Recommended action:

Well should be properly plugged and abandon.



COGC
well #18
NBU

DeKalb Agriculture
Bittercreek 63-2
NENE Sec 2, T10S, R21E
Uintah County, UT
by Carol Kubly





State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF STATE LANDS AND FORESTRY

Norman H. Bangarter
Governor
Dee C. Hansen
Executive Director
Richard J. Mitchell
Division Director

Northern Region
355 West North Temple
3 Triad Center, Suite 320
Salt Lake City, Utah 84180-1203
801-538-5387

March 31, 1992

F. R. Matthews
Division of Oil Gas & Mining
3 Triad Center, Suite 350
Building Mail

Re: **Plugging and Abandonment of the Bitter Creek Unit #63-2**
Section 2, T10S, R21E, Uintah County, Utah.
API # 43-047-11477

Dear Frank:

The Division of State Lands and Forestry has reviewed the above-reference plan for reclamation on State lands. We do concur with the recommendation of DOGM. Please go ahead with the reclamation proposal as your schedule allows.

Thank you for your concern and assistance in these type of reclamation projects.

Sincerely,


Gary D. Bagley
Land Specialist

GDB/dw

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ABANDONMENT OPERATIONS

COMPANY NAME: DEKALB AGRICULTURE

WELL NAME: BITTER CREEK 63-2

QTR/QTR: _____ SECTION: 2 TOWNSHIP: 10 S RANGE: 21 W

COUNTY: UINTAH API NO: 43-047-11477

CEMENTING COMPANY: ROCKY MOUNTAIN CONSULTING WELL SIGN: N

INSPECTOR: BERRIER TIME: VARIOUS DATE: VARIOUS

CEMENTING OPERATIONS: PLUGBACK: _____ SQUEEZE: _____ P&A WELL: X

SURFACE PLUG: Y INTERMEDIATE PLUG: _____

BOTTOM PLUG SET @: 2,425 WIRELINE: Y MECHANICAL: _____

PERFORATIONS: NONE SQUEEZE PRESSURE: NONE

CASING SIZE: SURFACE: 7 PRODUCTION: 5.5

GRADE: SURFACE: _____ PRODUCTION: 15.5

PRODUCTION CASING TESTED TO: _____ PSI TIME: _____ MIN:

SLURRY INFORMATION: (INCLUDE NO. OF SACKS CLASS AND ADDITIVES)

1. SURFACE PLUG: 8 1/2 YARDS OF 7 SX MORTAR MIX

2. INTERMEDIATE PLUGS: _____

3. BOTTOM PLUG: CIBP @ 2,425'

4. CEMENT ON TOP OF PLUG: 8 1/2 YARDS MORTAR MIX

5. ANNULUS CEMENTED: _____

6. FLUID IN WELL BORE: _____

ABANDONMENT MARKER SET:

PLATE: _____ PIPE: Y CORRECT INFORMATION: Y

REHABILITATION COMPLETED: _____

COMMENTS: CIBP SET AT 2,425 11/5/92 CEMENTING COMPLETED 11/10/92
INSTALLED SURFACE MARKER AND WELDED TO 2" PLATE ON TOP OF
SURFACE CASING.

**WELL PLUGGING AND ABANDONMENT PROCEDURE
BITTER CREEK UNIT #63-2 WELL**

1. Rig up WL and run gauge ring and junk basket in 5.5" 15.5# casing with drift diameter of 4.825" to \pm 2425'. Do not go below 2445'.
2. PU and run CIBP and set @ \pm 2425'.
3. Fill casing to surface using approximately twelve (12) yards of seven sack mortar mix (no gravel).
4. Cut off casing head and erect dry hole marker with well information per R649-3-24.7.