

Scout Report sent out

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Date Completed, P. & A. or
operations suspended

Pin changed on location map

Affidavit and Record of A. & P.

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed

FILE NOTATIONS

Entered in NID File ✓
Entered On S R Sheet ✓
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 6-2-58
OW _____ WW _____ TA _____
GW _____ OS _____ PA ✓

Location Inspected _____
Bond released _____
State of Fee Land _____

LOGS FILED

Driller's Log 7-25-61
Electric Logs (No.) 6

E _____ I _____ E-I ✓ GR _____ GRN _____
Lat _____ Mi-L ✓ Seals ✓ Other Radiation Log

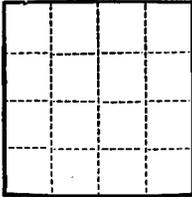
*Neutron-Sensitivity
Gamma-Ray-Sensitivity*

(SUBMIT IN TRIPLICATE)

Land Office Farmington, N. M.

Lease No. UTAH 03473

Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING 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)

FEDERAL FRIEDMAN

April 1, _____, 19 58

Well No. 1 is located 1900 ft. from N line and 660 ft. from E line of sec. 4

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

35-S
(Twp.)

24-E
(Range)

Salt Lake
(Meridian)

(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~6723~~ ^{surface} above sea level is 6723 ft. (~~approximate~~)

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 above location has been selected to test the PARADOX sand, the top of which will be found at approximately 5900 ft.

We will run and cement approximately 300 ft. 10-3/4" OD casing as surface pipe and cement with 250 sacks. We will run and cement 7" OD casing as the producing string, if necessary.

We will drill this well with rotary tools.

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

Company SINCLAIR OIL & GAS COMPANY

Address 601 Denver Club Bldg
Denver 2, Colorado

By R. W. Newport

Title Division Chief Clerk - Prod. Dept.

COMPANY Sinclair Oil & Gas Company

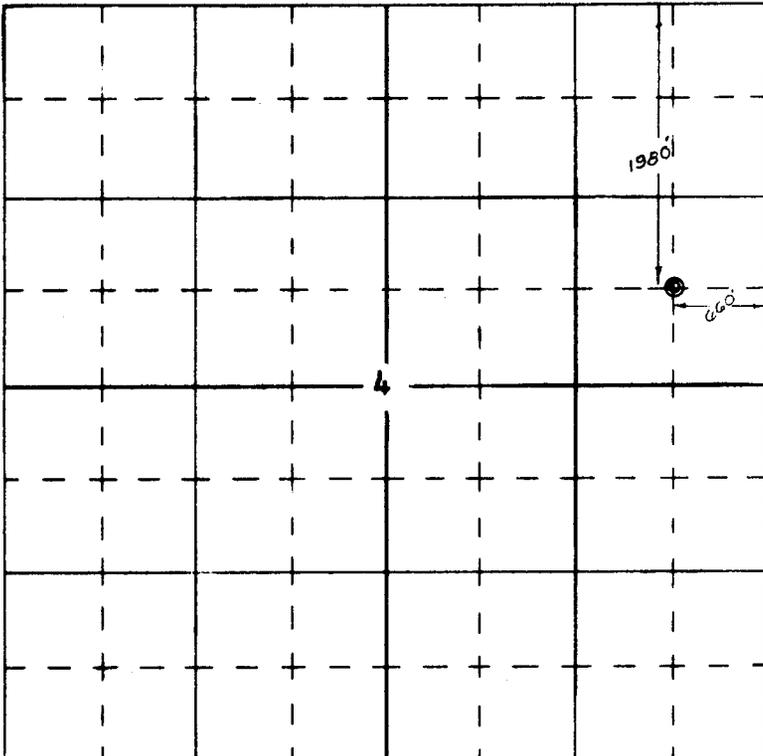
Well Name & No. Federal-Friedman No. 1 Lease No. 1

Location 1980' from the North line and 660' from the East line

Being in SE 1/4

Sec. 4, T 35 S., R 24 E., Salt Lake Meridian, San Juan County, Utah.

Ground Elevation 6723



RECEIVED
APR 11 1958
U. S. G. S.
FARMINGTON, N. M.



Scale -- 4 inches equals 1 mile

Surveyed March 15, 19 58

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Ernest V. Echohawk

Ernest V. Echohawk
Registered Land Surveyor
N. M. Reg. #1545



April 16, 1958

Sinclair Oil & Gas Company
601 Denver Club Building
Denver 2, Colorado

Attention: R. W. Newport, Division Chief Clerk,
Production Department

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Federal- Friedman 1, which is to be located 1980 feet from the north line and 660 feet from the east line of Section 4, Township 35 South, Range 24 East, S1EM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

GLEON B. FRIGHT
SECRETARY

CBF:en

cc: Phil McGrath
USGS, Farmington,
New Mexico

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE **Farmington, N. M.**
LEASE NUMBER **U-02473**
UNIT _____

71-H
5-7

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 19 58, Federal Friedman

Agent's address 601 Denver Club Building Company Sinclair Oil and Gas
Denver 2, Colorado Signed R. W. Newport

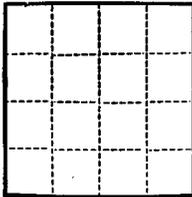
Phone Alherst 6-2461 Agent's title Division Chief Clerk

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)
SE/4 NE/4 Sec 4	35S	24E	1							Drilling ahead at 1458 RECEIVED

NOTE.—There were NONE runs or sales of oil; NONE M cu. ft. of gas sold;

NONE 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)

Land Office Farmington, N. M.

Lease No. U-03473

Unit _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.....	
NOTICE OF CEMENTING 10-3/4" CSG <input checked="" type="checkbox"/>	

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

FEDERAL FRIEDMAN _____ **MAY 5,** _____, 19 **58**

Well No. 1 is located 1980 ft. from N line and 660 ft. from E line of sec. 4

G 2E/4 NE/4 300 4 35-S 24-E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

_____ San Juan _____ Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{surface} above sea level is 6723 ft. **ALL MEASUREMENTS ARE SURFACE MEASUREMENTS**

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)

- 5-1-58** Spudded 3:00 PM 4-28-58
- 5-3-58** Cmtd 10-3/4" at 457 with 320 wt at 9:45 PM
- 5-5-58** Tested 10-3/4" csg at 800' for 30". Tested OK. Drlg ahead at 1458.

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

Company SUNCLARK OIL & GAS COMPANY
601 Denver Club Building

Address c/o G. L. Weger
Denver 2, Colorado

By R. W. Newport

Title Division Chief Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Fort Collins, N. M.
LEASE NUMBER 8-02473
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1958, Federal Friedman

Agent's address 601 Denver Club Building Company Sinclair Oil & Gas Company
Denver 2, Colorado Signed R. W. Neupert

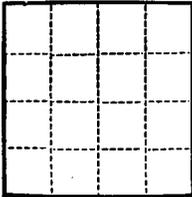
Phone Alberst 6-2461 Agent's title Division Chief Clerk

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)
SE/4 NE/4 Sec 4	35S	24E	1							5997 Total Depth Standing to plug and abandon
FINAL REPORT										

1028

NOTE.—There were NONE runs or sales of oil; NONE 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

Land Office Farlington, N.M.
Lease No. U-03473
Unit _____

21-H

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	XII	SUPPLEMENTARY WELL HISTORY.....	IX
NOTICE OF INTENTION TO ABANDON WELL.....			

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

FEDERAL FRIEDMAN

June 2, 1958

Well No. 2 is located 1900 ft. from [N] line and 660 ft. from [E] line of sec. 4
C SE/4 NE/4 Sec 4 35-S 24-E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the surface ~~1111/1111~~ above sea level is 6723 ft. **ALL MEASUREMENTS ARE SURFACE MEASUREMENTS**

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)

Having drilled to 5937 TD and having cored and run electric logs and having found no oil or gas in commercial quantities in any zone, we now propose to plug and abandon this well as follows:

- Spot 45 sacks - 410-510
- Spot 24 sacks - 1190-1210
- Spot 24 sacks - 1590-1670
- Spot 24 sacks - 2720-2780
- Spot 40 sacks - 4500-4600
- Spot 20 sacks - 5390-5500

Fill all intervening spaces with heavy mud and after standing for two weeks we will plug top and install regulation marker.

SEE COPIES ON ATTACHED SHEET.

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

Company SIMCLAIR OIL AND GAS COMPANY
601 Denver Club Building
 Address c/o G. L. Meyer
Denver 2, Colorado

By B. W. Newport
 Title Division Chief Clerk

W

C O R E S

5-28-58 Cored Basal Upper Hermosa 5622-37; rec. 15' limestone, light grey to dark brown, fine crystalline, hard, slightly fossiliferous with many chert nodules and vertical fractures.

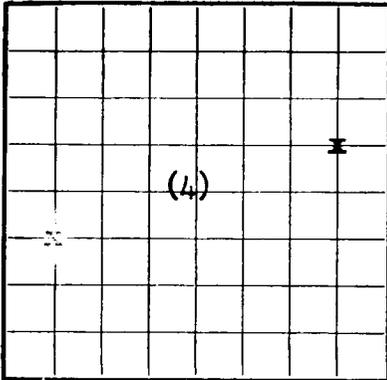
Cored Basal Upper Hermosa 5637-52; rec. 15' limestone, light grey fine to medium crystalline, hard, stiolitic with few chert nodules and vertical fractures.

6-1-58 Cored 5851-5901; "J" zone Paradox, rec 50'; 3' dolomite, very fine crystalline, shaley, hard, bleeding salt water in frac; 7' dolomite very fine crystalline, hard; 6' anhydritic, fine crystalline, hard, pure; 12' dolomite, dark, dark grey, very fine crystalline, very silty, argillaceous, hard, tight, show salt water; 6' limestone, brownish grey, medium crystalline, very hard; 15' shale, black, carbonaceous, silty, calcareous; 1' limestone, dark grey, very fine crystalline, hard, dense, tight. Fault zone 5995-97.

18

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City, Utah



LOCATE WELL CORRECTLY

To be kept Confidential until No
 (Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company Sinclair Oil & Gas Company Address 601 Denver Club Building, Denver 2, Colo.
 Lease or Tract. Federal Friedman Field Wildcat State Utah
 Well No. 1 Sec. 4 T. 35S R. 24E Meridian Salt Lake County San Juan
 Location 1980 ft. SW of N Line and 660 ft. EW of E Line of Section 4 Elevation 6723-GL
(Derrick floor relative to sea level)

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

Signed [Signature]

Date June 17, 1958 Title Division Chief Clerk

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

Commenced drilling April 28, 1958 Finished drilling June 2, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from DRY HOLE 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 NONE to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
10-3/4"	32.75	8R	H-40	455					Surface

MUDDING AND CEMENTING RECORD

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

OLD MARK

PLUGS AND ADAPTERS

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from Surface feet to 5937-TD feet, and from feet to feet

Cable tools were used from 0 feet to feet, and from feet to feet

DATES

Date P & A June 2, , 19 58. Put to producing , 19.....

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

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

U. S. Gipson , Driller J. W. Floyd , Driller

G. C. Patterson , Driller Exploration Drilling Company , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
GEOLOGICAL TOPS (SCHLUMBERGER)	Surface		At the end of complete Driller's Log add Geologic Tops. State whether from Electric Logs or samples.
Dakota	100	+6623	
Brushy Basin	440	+6283	
Salt Washes	740	+5983	
Summerville	980	+5743	
Entrada	1140	+5583	
Carmel	1192	+5531	
Navajo	1610	+5113	
Kayenta	1638	+5085	
Wingate	2055	+4668	
Chinle	2647	+4076	
Shinarump	2735	+3988	
Moenkopi	2795	+3928	
Cutler	4568	+2155	
Hermosa	5583	+1140	
Hermosa "BUH"	5784	+ 939	
Paradox "J"	5905	+ 818	
Paradox "K"	5933	+ 790	
Paradox Salt			

(OVER)

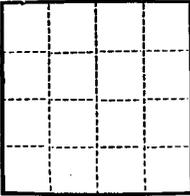
[Handwritten stamp]

(SUBMIT IN TRIPLICATE)

Land Office Farmington, N. M.

Lease No. U-3473

Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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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)

FEDERAL FELISMAN

August 20, 19 58

Well No. 1 is located 1900 ft. from N line and 660 ft. from E line of sec. 4

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

35-8
(Twp.)

24-E
(Range)

Salt Lake
(Meridian)

(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the surface ~~bottom~~ above sea level is 6723 ft.

DETAILS OF WORK

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

Well has been plugged and abandoned in accordance with plugging procedure per Form 9-331a dated June 2, 1958. After standing for two weeks, well has been capped with cement and a regulation marker installed.

RECEIVED

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

Company SINCLAIR OIL & GAS COMPANY
c/o G. L. Weger
Address 601 Denver Club Building
Denver 2, Colorado

By B. W. Newport

Title Division Chief Clerk - Prod. Dept.