

FILE NOTATIONS

Entered in NID File ..... ✓  
Location Map Pinned ..... ✓  
Card Indexed ..... ✓

Checked by Chief ..... *AMB*  
Approval Letter ..... ✓ 1-23-69  
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 3-.....-69

Location Inspected .....

OW..... WW..... TA.....

Bond released

GW..... OS..... PA. ✓

State or Fee Land .....

LOGS FILED

Driller's Log 4-1-69

Electric Logs (No.) 2

E..... I..... Dual I Lat. ✓..... GR-N..... Micro.....

BHC Sonic GR. ✓..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.  
**035512**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-

7. UNIT AGREEMENT NAME  
-

8. FARM OR LEASE NAME  
**Mc Bluff Bench Federal**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat New Field**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Section 4-398-22E, SIM**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Sinclair Oil Corporation**

3. ADDRESS OF OPERATOR  
**501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colorado 80203**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
**SW NE - 1870' f/North & 1930' f/East lines Sec. 4.**  
 At proposed prod. zone  
**Same** *NE SW NE*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 -

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
**1870'**

16. NO. OF ACRES IN LEASE  
**2240**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**Wildcat - Not applicable**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
**1st well**

19. PROPOSED DEPTH  
**6200'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4818'** *Is may - Desert Creek Test*

22. APPROX. DATE WORK WILL START\*  
**When appl rec'd.**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" ✓	2 1/2	400' ✓	400 sx (Gnt bottom to top) ✓
7-7/8"	5-1/2" ✓	Var.	Total depth	250 sx ✓

It is proposed to drill well to depth sufficient to test the Esmay "I" Zone, approx 5775', and Desert Creek, approx 5875'. 8-5/8" OD casing to be set at approx 400' and cemented bottom to top; 7-7/8" hole drilled to T.D.; well logged; if productive, set 5-1/2" casing with sufficient cement to protect all zones; perforate productive zone(s); treat if necessary; and complete well. ✓

Certified Location Plat Attached.

cc: Utah O & G Cons. Comm. ✓

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *B. R. Roark* TITLE Area Production Supt. DATE Jan. 20, 1969  
**B. R. Roark**  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

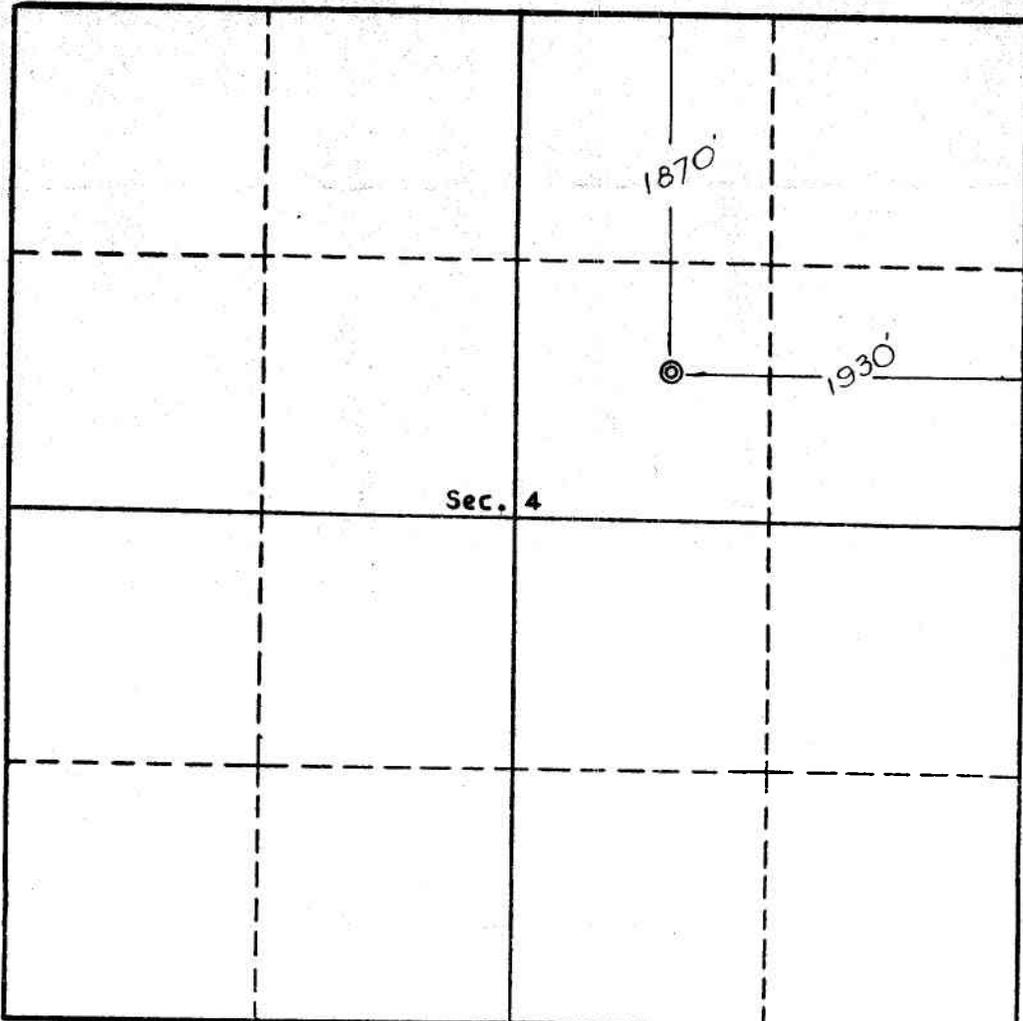
Company SINCLAIR OIL CORPORATION

Well Name & No. NW Bluff Bench Federal #1

Location 1870 feet from the North line and 1930 feet from the East line.

Sec. 4, T. 39 S., R. 22 E., S. L. M., County San Juan, Utah

Ground Elevation 4818, ungraded.



Scale, 1 inch = 1,000 feet

Surveyed December 26, 19 68

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  
Utah Registration No. 2611

SECRET  
January 22, 1969  
Page 1

The U.S. Bureau of Land Management has approved the proposed well as shown on the attached map and plan filed by the Bureau of Land Management.

Very truly yours,

Director of U.S. Geological Survey

January 22, 1969

U.S. Geological Survey  
Washington, D.C.

Sinclair Oil Corporation  
501 Lincoln Tower Bldg.  
1800 Lincoln Street  
Denver, Colorado 80203

Re: Well No. NW Bluff Bench Fed. 1  
Sec. 4, T. 39 S, R. 22 E,  
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer  
HOME - 277-2890, Salt Lake City, Utah  
OFFICE - 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

Sinclair Oil Corporation  
January 22, 1967  
Page 2

The API number assigned to this well is 43-037-30033 (See Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd

Enclosures: Forms

cc: U.S. Geological Survey  
Jerry Long, Dist. Engineer  
Box 1809  
Durango, Colorado

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER **Utah 035512**  
UNIT \_\_\_\_\_

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County San Juan Field Wildcat  
The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 19 69, NW Bluff Bench Federal, Well #1  
Agent's address 501 Lincoln Tower Bldg. Company SINCLAIR OIL CORPORATION  
1860 Lincoln St., Denver, Colo. 80203 Signed M. E. Brown  
Phone A/C 303 266-2460 Agent's title Chief Office 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)
<b>NW Bluff Bench Federal, Well #1</b>										
<b>SW NE</b>	<b>39S</b>	<b>22E</b>	<b>1</b>							<b>- Spudded 6 p.m. 2/21/69. Set 8-5/8" CD 2 1/2" casing @ 439', CM, w/400 sx Class "A" cnt. Plug down 7:15 a.m. 2/22/69. Tested casing &amp; BOP @ 1000', O.K., drld out 1:30 a.m. 2/23/69. Drilling ahead - 7-7/8" hole. No cores or DSTs taken. 2/28/69 Drlg @ 3715' 3/1/69 Drlg @ 3970'.</b>
<b>Orig &amp; cc:</b>	<b>U.S.G.S. - Roswell</b>									
<b>2 cc:</b>	<b>U.S.G.S. - Durango</b>									
<b>2 cc:</b>	<b>Utah O&amp;G Comm. Comm - Salt Lake</b>									

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRI  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah - 035542

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NW Bluff Bench Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 4-398-22E, SIM

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

14. PERMIT NO.

Mr. J.W. Long, 1/23/69

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5818 G.L.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Setting surface casing

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spudded 6 p.m. 2/21/69. Drld 12-1/4" hole to 440'. Set 8-5/8" 2 1/2" J-55 casing @ 439', grd meas., cemented with 100 sx Class "A" Cement, cement circulated, plug down 7:15 a.m. 2/22/69. WOC 18 hrs. Test casing and BOP @ 1000# f/ 30 min. O.K.. Drld out @ 1:30 a.m. 2/23/69. 7 a.m. 2/23/69 - Drlg ahead @ 646'.

18. I hereby certify that the foregoing is true and correct

SIGNED

M. E. Brown  
M. E. Brown

TITLE

Chief Office Clerk

DATE

2/21/69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

March 14, 1969

Sinclair Oil Corporation  
NW Bluff Bench  
Sec. 4, T. 39 S, R. 22 E,  
San Juan County, Utah

At 2:00 A.M., Mr. Brown contacted me for permission to proceed with plugging and abandonment of the above referred to well. A program was outlined for Mr. Brown and he stated that the operations would be commenced sometime this morning and completed before the day was over.



PAUL W. BURCHELL  
CHIEF PETROLEUM ENGINEER

PWB:sd



395 21E 35

U.

26

85

24E

Fea Reg Dist #1

Lease  
API

25

29S

23E

Feb 15-25

17

4S

19E

Parnett Br 15-17

11-17

17

4S

19E

(207) 577-1555 215

San Juan  
4 395 22E

Sanctaw  
NW Chief Fed #1

KB.

~~4878~~ CR  
4818

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE \*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other Dry hole

2. NAME OF OPERATOR  
Sinclair Oil Corporation

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
501 Lincoln Tower Bldg., 1660 Lincoln St., Denver, Colo. 80203

At surface 31' N - 1870' E/North & 1930' E/East lines Sec. 4

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. DATE ISSUED  
Mr. J. W. Long 1/23/69

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Utah - 035942

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Bluff Bench Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 4-390-22E, SIM

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPLE. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS  
3/27/69 3/13/69 Dry hole 4634' 0.1' 0-6,010'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE  
None - Dry hole No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED  
Dual ind. - laterolog, HIC Sonic-CE No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>8-5/8"</u>	<u>21.4</u>	<u>439', OL</u>	<u>12-1/4"</u>	<u>400 ex Class #A#, circ'd.</u>	<u>None</u>

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
			<u>None</u>				<u>None</u>

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>None</u>	

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
	<u>None - Dry hole</u>	

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
2 Each of #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED M.C. Brown TITLE Chief Office Clerk DATE 3-29-69

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom (s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**3/14/69 - Spotted 30 sack cement plugs across Hermosa 4200-4300', DeChelly 2800-2900, Wingate 1450-1550, Navajo 700-800, bottom of surface casing 400-450', and 15 sacks in surface. all spaces between plugs filled w/ heavy mud.**  
**3/21-22/69 - Set regulation dry hole marker, cleaned and leveled location.**

**37. SUMMARY OF POROUS ZONES:**  
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				MEAS. DEPTH	TRUE VERT. DEPTH
Morrison tigr	0'	720	No samples. This section is generally vari-	720	720
Carmel		1304	colored shales & sandstones.	1304	1304
Navajo	720'	1508	Sandstone, pink to white, well sorted, por.	1508	1508
Kayenta	1304'		Sandstone with thin streaks of siltstone,	1770	1770
			pink to white.	2582	2582
Wingate	1506'	1770	Sandstone, red to orange, well sorted, por.	2620	2620
Chinle	1770'	2582	Siltstone & shale, red, brown, few streaks	2834	2834
			of limestone.	2973	2973
Shinarump	2582	2620	Sandstones, shales & siltstones, interbedded	4725	4725
			red to brn, some chert in the sands.	5638	5638
Moenkopi	2620	2834	Siltstones & shales, red-brn to orange	5832	5832
DeChelly	2834	2973	SS, white-red, med grain, well sorted, por.	5974	5974
Organ Rock	2973	4725	2973-4150, shale, siltstone, some thin	6010	6010
			sands, red to brn; 4150-4725, siltstone w/		
			thin lb-grn limestones present.		
Hermosa	4725	5638	LS w/int'rb'd sh & siltstones, LS are tan,		
			to buff generally fine & dense.		
Isam Isamy	5638	5832	LS, tan, brn to buff, some fossil debris,		
			streaks of porosity, little show of oil.		
Desert Creek	5832	5974	LS, black shales and interb'd siltstones,		
			LS chi to gray, fossiliferous w/striks only.		
Alkah	5974	6010	LS as above w/dark gray to black shales.		

54111

943 PF

FORM OGC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number NW Bluff M Bench Federal, Well #1  
Operator Sinclair Oil Corporation Address 501 Lincoln Tower Bldg. Denver, Colo. 80203 Phone 266-2460  
Contractor Arapahoe Drilling Company Address 915 Midland Savings Bldg. Denver, Colo. 80202 Phone 534-0836  
Location SW 1/4 NE 1/4 Sec. 4 T. 39S N R. 22E E San Juan County, Utah  
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. <u>No water bearing formations were encountered.</u>			
2. _____			
3. _____			
4. _____			
5. _____			

(Continue on reverse side if necessary)

Formation Tops:

Remarks:

- NOTE:
- (a) Upon diminishing supply forms, please inform this office.
  - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of form).
  - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TR DATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah - 0355h2

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NW Bluff Bench Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 4-39-22E, 544

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1.

OIL WELL  GAS WELL  OTHER  Dry hole

2. NAME OF OPERATOR

Sinclair Oil Corporation

3. ADDRESS OF OPERATOR

501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

SW NE - 1870' f/North & 1930' f/East lines Sec. 4

14. PERMIT NO.

Mr. J.W. Long, 1/23/69

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,818' Ord. level.

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

3/14/69 - TD 6,010'. Spotted 30 sack cement plugs across Hermosa 4200-4300', DeChelly 2800-2900, Wingate 1450-1550', Navajo 700-800', bottom of surface casing 400-450', and 15 sacks in surface, all spaces between plugs filled w/ heavy mud.

3/21-22-23/69 - Set regulation dry hole marker, cleaned and leveled location.

18. I hereby certify that the foregoing is true and correct

SIGNED

*M. E. Brown*  
M. E. Brown

TITLE

Chief Office Clerk

DATE

March 29, 1969

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: