

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 3-2-58

Location Inspected \_\_\_\_\_

OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

Bond released \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA

State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log 9-24-58

Electric Logs (No. ) 5

E  L  E-I  GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro

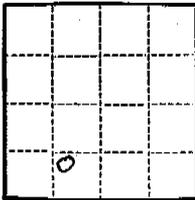
Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

*Subsequent Report  
of Abandonment*

*Section Gauge  
Radioactivity Log*

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake  
Lease No. U-05046  
Unit \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

NE 1/4

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

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

February 6, 1958

Federal Fehr  
Well No. 1 is located 2090 ft. from N line and 1870 ft. from E line of sec. 23  
NE 1/4 23 37S 21E S. L. M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ <sup>ground</sup> above sea level is 5155 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)  
Continental Oil Co. proposes to drill a well at the above location to an approximate depth of 5850' to test the oil and gas possibilities of the Pennsylvanian strata to the top of the Paradox salt.

Tentative plans are to set a long surface string of from 1200 to 1500' of 10 3/4" sup. depending on water or lost circulation problem encountered in the Jurassic sand section. If commercial shows are encountered a 5 1/2" production string will be set. Spud date is estimated as 3-15-58.

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

Company Continental Oil Co.

Address Box 1121

Durango

Colorado

By L. W. Harris  
Title Division Geologist

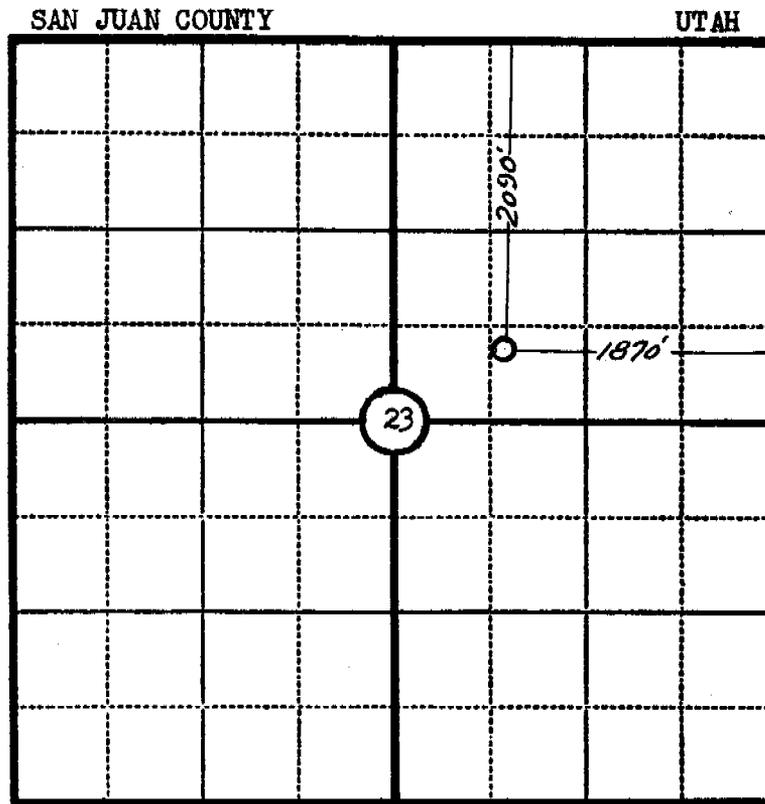
Company THE CONTINENTAL OIL COMPANY

Lease..... Well No.....

Sec. 23, T. 37 S., R. 21 E., S.L.M.

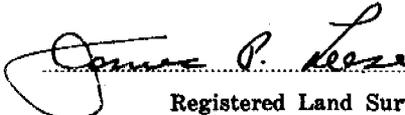
Location... 2090' FROM THE NORTH LINE AND 1870' FROM THE EAST LINE.

Elevation 5155.4 UNGRADED GROUND.  
TEM: 1 x 2 stake 360' West of Location. Elev: 5171.61



Scale—4 inches equal 1 mile.

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.

Seal: .....  
Registered Land Surveyor.  
James P. Leese  
Utah Reg. No. 1472

Surveyed ..... 31 January, 19..58

February 10, 1958

The Continental Oil Company  
P. O. Box 1121  
Durango, Colorado

Attention: L. W. Heiny, Division Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Federal Fehr 1, which is to be located 2090 feet from the north line and 1870 feet from the east line of Section 23, Township 37 South, Range 21 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

CLEON B. FRIGHT  
SECRETARY

GBF:en

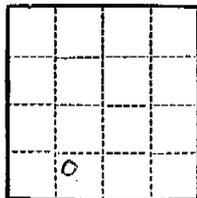
cc: Phil McCreath  
USGS, Farmington,  
New Mexico

(SUBMIT IN TRIPPLICATE)

Land Office Salt Lake

Lease No. U-05046

Unit \_\_\_\_\_



NE 1/4

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

2/14/58 10

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       | X |
| 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)

February 27, 1958

Federal Fehr

Well No. 1 is located 2090 ft. from N line and 1870 ft. from E line of sec. 23

NE 1/4 23 37S 21E S. L. M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the <sup>Ground</sup>~~drill~~ floor above sea level is 5155 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)

Casing was set on subject well as follows:

51 joints of 10 3/4" csg. range 2 & 3. 1835' of pipe set at 1848'. Csg. cemented with 250 sax regular mixed with 2% gel followed with 750 sax regular. Circulated. Plug down 2:00 A. M. 2-27-58.

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

Company Continental Oil Co.

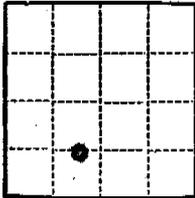
Address Box 1121

Durango

Colorado

By Charles V. Lee, Jr.

Title Geologist



NE 1/4

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-05046  
Unit \_\_\_\_\_

*W/H*  
*4-28*

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            | <b>X</b> |  |  |

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

Federal Pehr

April 8, 1958

Well No. 1 is located 2090 ft. from N line and 1870 ft. from E line of sec. 23  
NE 1/4 23 37S 21E SLEM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5165 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)

Continental Oil requests approval of the following plugging intentions:

- 5520-5650 w/50 sax
- 4610-4740 w/50 sax
- 2320-2450 w/50 sax
- 50 sax in & out of 10 3/4" csg at 1870'
- 45 sax at top
- Erect proper marker

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

Company Continental Oil Co.  
 Address Box 1121  
Durango,  
Colorado

By Charles O. Lee  
 Title Geologist

April 10, 1958

7/H  
4-27

Continental Oil Company  
P. O. Box 1121  
Durango, Colorado

Fed Land

Attention: Charles V. Lee, Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to abandon Well No. Federal Fehr 1, NE $\frac{1}{4}$  of Section 23, Township 37 South, Range 21 East, S1EM, San Juan County.

Please be advised that insofar as this office is concerned, approval to plug and abandon the well as indicated on your notice is hereby granted.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT  
SECRETARY

CBF:cn

# CONTINENTAL OIL COMPANY

Box 1121  
Durango, Colorado  
April 17, 1958

Utah State Oil and Gas Conservation Commission  
Room 105, State Capitol Building  
Salt Lake City, Utah

Dear Sirs:

Enclosed are logs on the Continental Oil Co.  
Federal Fehr #1, S23, 37S, 21E, San Juan County, Utah, as  
follows:

Electric Log  
Induction Electric Log  
Radioactivity Log  
Microlog  
Section Gauge Log



Charles V. Lee  
Geologist

CVL-HP  
Enclosures as above.

September 15, 1958

Continental Oil Company  
P. O. Box 1121  
Durango, Colorado

Re: Well No. Federal - Fehr 1,  
Sec. 23, T. 37 South, R. 21  
East, SEM, San Juan County

Gentlemen:

This letter is to advise you that the well log for the above mentioned well has not as yet been filed with this office as required by our rules and regulations.

Please complete the enclosed Forms OGCC-3, Log of Oil or Gas Well, in duplicate, and forward them to this office as soon as possible.

Yours very truly,

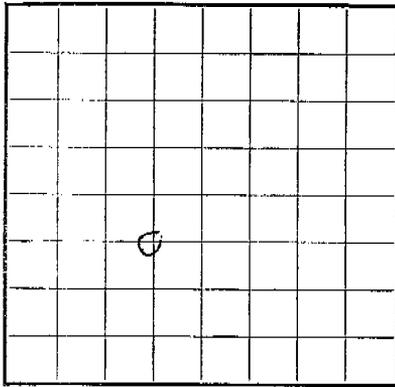
OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
SECRETARY

CBF:co

Encl. (Forms OGCC-3)

U. S. LAND OFFICE **Salt Lake City**  
**U-05046**  
SERIAL NUMBER \_\_\_\_\_  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

W/K  
9 25

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Co. Address Box 1121, Durango, Colorado  
Lessor or Tract Federal - Pehr Field Wildcat State Utah  
Well No. 1 Sec. 23 T. 37S R. 21E Meridian SLBM County San Juan  
Location 2090 ft. N of N Line and 1870 ft. E of E Line of Sec. 23 Elevation 5165 DF  
(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.

Date 9-22-58 Signed [Signature] Title Division Geologist

The summary on this page is for the condition of the well at above date.  
Commenced drilling Feb. 18, 1958 Finished drilling March 7, 1958

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 1162 to 1174 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      | 40.5#           |                  |      | 1848   | Halibur.     |                     |            |     | Surf. Csg. |
|             |                 |                  |      |        |              |                     |            |     |            |
|             |                 |                  |      |        |              |                     |            |     |            |
|             |                 |                  |      |        |              |                     |            |     |            |
|             |                 |                  |      |        |              |                     |            |     |            |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 10 3/4      | 1848      | 1000                   | Rky Mtn.    |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

FOLD MARK

FOLD MARK

|        |      |      |          |  |  |
|--------|------|------|----------|--|--|
| 10 3/4 | 1848 | 1000 | Rky Mtn. |  |  |
|        |      |      |          |  |  |
|        |      |      |          |  |  |

**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 \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_  
 The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_%  
 emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
 W. W. Lang \_\_\_\_\_ Joe Yowell \_\_\_\_\_  
 \_\_\_\_\_, Driller \_\_\_\_\_  
 E. J. King \_\_\_\_\_ Ray Sinkbeil, Supervisor \_\_\_\_\_  
 \_\_\_\_\_

**FORMATION RECORD**

| FROM—  | TO—  | TOTAL FEET | FORMATION          |
|--------|------|------------|--------------------|
| 768    | 1170 | 402        | Entrada            |
| 1170   | 1193 | 23         | Carmel             |
| 1193   | 1516 | 323        | Navajo             |
| 1516   | 1559 | 43         | Keyenta            |
| 1559   | 1830 | 271        | Wingate            |
| 1830 ✓ | 2455 | 625        | Chinle             |
| 2455 ✓ | 2714 | 259        | Shinarump-Moenkopi |
| 2714 ✓ | 4696 | 1982       | Cutler             |
| 4696 ✓ | 5563 | 867        | Hermosa            |
| 5563 ✓ | 5976 | 413        | Paradox            |
| 5976   | 5978 | 2          | Paradox Salt       |

[OVER]

16-43094-4

W,

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

### HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

2-18-58. Spudded.

2-18-58 to 3-31-58. Drilling T. D. 5640.

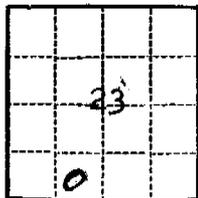
3-31-58 to 4-3-58. Coring TD 5975.

4-3-58. DST #1. 5703-5795. Open 2 hrs. Shut in 1 hr. Very weak blow air. Dead 5 min. Rec. 15' drig mud. IFP 0, FFP 0, PSI 0, HH 2950.

4-3-58 to 4-7-58. Coring T. D. 5975.

4-7-58. DST #2. 5901-75. Open 2 hr. Shut in 1 hr. Rec. 30' drilling mud. IFP 50. FFP 60. PSI 100. HH 3025.

4-8-58. Plugged and abandoned.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake

Lease No. U-05046-F

Unit \_\_\_\_\_

71-~~4~~  
10-1

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

September 24, 1958

Federal Fehr

Well No. 1 is located 2090 ft. from N line and 1870 ft. from E line of sec. 23

NE 1/4, Sec. 23 37S 21E SLBM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wild cat San Juan County Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5165 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)

Location cleaned and ready for inspection.

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

Company Continental Oil Co.

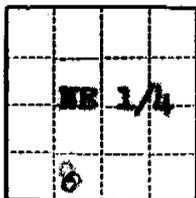
Address Box 1121

Durango, Colorado

By Charles V. Lee

Title Geologist

W



(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. D-05046-B  
Unit \_\_\_\_\_

71-11  
10-14

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

October 6, 1958

Well No. 1 is located 2090 ft. from N line and 1870 ft. from E line of sec. 23

NE 1/4 Sec. 23  
(1/4 Sec. and Sec. No.)

37S  
(Twp.)

21E  
(Range)

SLEM  
(Meridian)

Wildcat  
(Field)

San Juan County  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 5165 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 subject well was plugged as follows:

5510-5640 w/50 SAX  
4610-4740 w/50 SAX  
2308-2438 w/50 SAX  
1790-1880 w/50 SAX in and out of 10 3/4" casing.  
40 SAX at 90'.  
10 SAX in top to hold marker.  
Marker set and location ready for inspection.  
Well plugged and abandoned 4-8-58.

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

Company Continental Oil Company

Address Box 1121

Durango, Colorado

By Charles V. Lee

Title Geologist

**OPEN HOLE TEST**

43-037-10235

**JOHNSTON TESTERS, INC. TEXAS NATIONAL PET. CO. GEOLOGICAL DEPT.**

OFFICES: Houston, Texas - Los Angeles, California - Calgary, Canada

**GEOLOGICAL**

DATE 10-3-57

375-218-23

OPEN HOLE TEST NO. 2 WELL: Federal Febr #1  
 FIELD Wild Cat COUNTY San Juan STATE Utah

COMPANY Sinclair Oil & Gas Company  
 ADDRESS 601 Denver Club Building, Denver, Colorado  
 TEST APPROVED BY J.E. Taylor  
 JOHNSTON OPERATOR Martin Halman TICKET NO. 28449 N

GENERAL TEST DATA

|  |   |                          |  |
|--|---|--------------------------|--|
| TYPE TEST <u>Conventional</u>                    |   | TOTAL DEPTH <u>2624'</u> |  |
| 1. Test Interval: <u>Tight</u> To <u>Hole</u>    | 7. Fluid Cushion: Type <u>none</u> Amount                 |                          |  |
| 2. Tool Open _____ Hrs. <u>30</u> Min            | 8. Air Chamber Amount <u>30'</u> Size: <u>3 1/2" I.F.</u> |                          |  |
| 3. Initial Shut In _____ Hrs. <u>40</u> Min      | 9. Did Packer(s) Hold? <u>yes</u>                         |                          |  |
| 4. Final Shut In _____ Hrs. <u>30</u> Min        | 10. Did Tool Plug? <u>no</u> Where?                       |                          |  |
| 5. Choke: Top <u>1"</u> Bottom <u>3/4"</u>       | 11. Was Test Reversed Out? <u>no</u>                      |                          |  |
| 6. Fluid Recovery <u>15' ?</u> Total,            |   |                          |  |
| <u>15' Composition not shown on test ticket.</u> |   |                          |  |

REMARKS:  
Tight Hole.

SURFACE INFORMATION

1. Blow: No blow.

|                                     |                              |
|-------------------------------------|------------------------------|
| 2. Maximum Surface Pressure = _____ | Did Well Flow? <u>no</u>     |
| Description Or Rate of Flow _____   | Time _____                   |
| _____                               | Max. Pressure _____          |
| _____                               | Size Surface Choke <u>1"</u> |
| _____                               | _____                        |
| _____                               | _____                        |

MUD, HOLE, & TOOL DATA

MUD, HOLE & JOHNSTON TOOL DATA

MUD: Type \_\_\_\_\_, Weight 10.1 Viscosity 55

HOLE: Main Hole Size \_\_\_\_\_ Drill Pipe Size 3 1/8" I.F. 4 1/2" H-90

Rat Hole Size \_\_\_\_\_

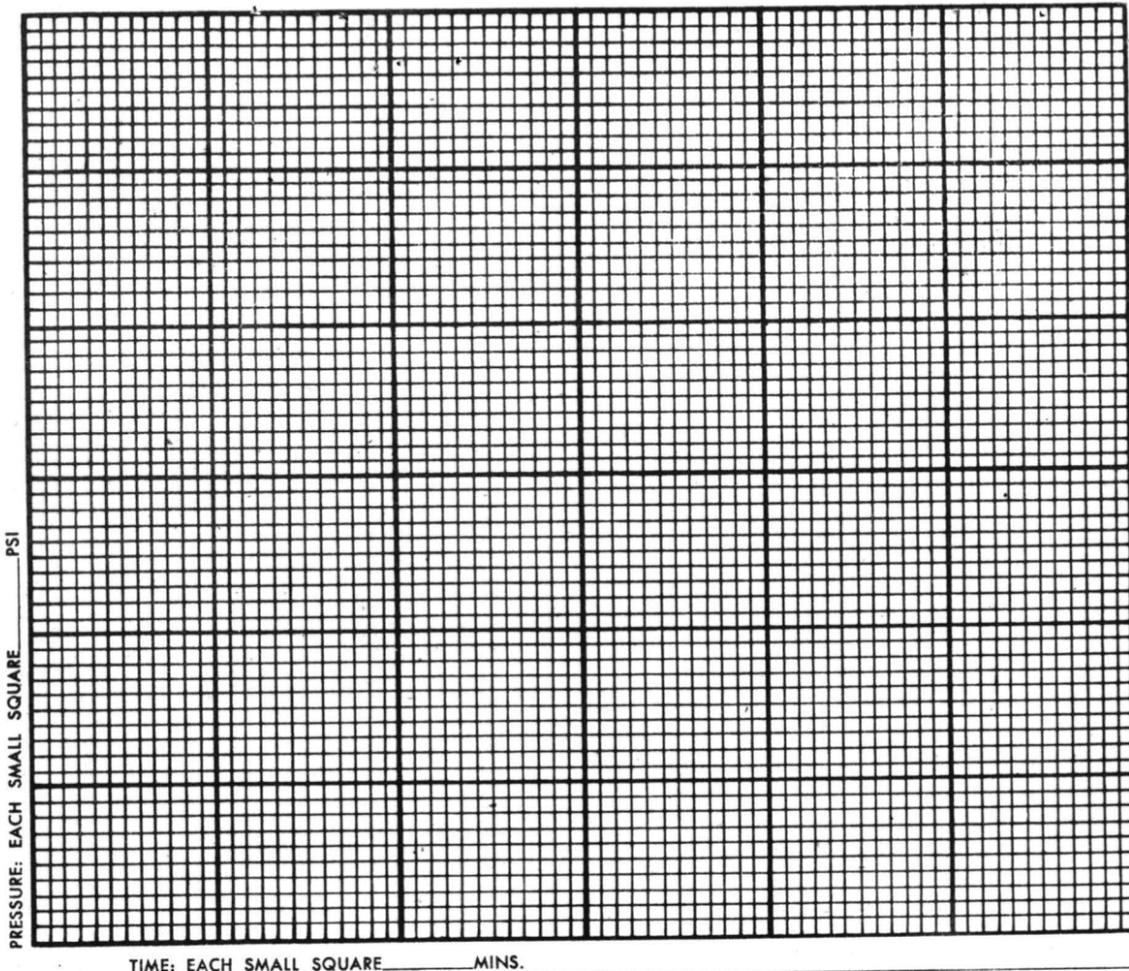
JOHNSTON TOOLS:

1. Packer(s): Type Bob Tail O.D. 7 1/4" Type \_\_\_\_\_ O.D. \_\_\_\_\_

Set At \_\_\_\_\_ Set At \_\_\_\_\_

2. Extra Equipment: Bowen jars, safety joint. Amerada clock.

Number of Copies Requested: 7



|                                |                          |                   |
|--------------------------------|--------------------------|-------------------|
| Test Ticket No. <u>28449 N</u> | Pressure Recorder: _____ | No. <u>T-203</u>  |
| Chart Number _____             |                          | Cap. <u>5000#</u> |
|                                |                          | Location _____    |

| PRESSURE DATA |                         | Point | Pressure    | Point | Pressure |
|---------------|-------------------------|-------|-------------|-------|----------|
| A             | Initial Hydrostatic Mud |       | <u>1405</u> |       |          |
| B             | Initial Flow            |       | <u>55</u>   |       |          |
| C             | Final Flow              |       | <u>55</u>   |       |          |
| D             | Final Shut-In           |       | <u>55</u>   |       |          |
| E             | Final Hydrostatic Mud   |       | <u>1400</u> |       |          |
| F             | "Initial Shut-In"       |       | <u>55</u>   |       |          |

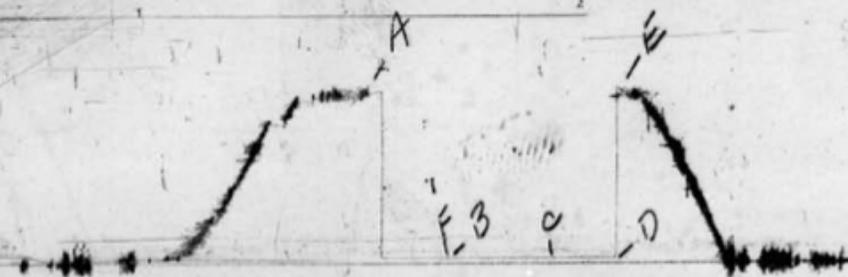
Remarks: well temperature 95° F.

JT # 28449 N

AMERADA 12389

5000 #

24



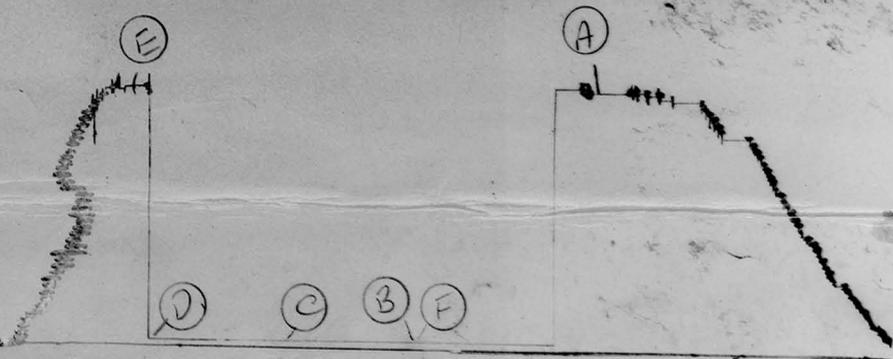


TT# 28449 N

T-152

5000#

74



1203 Sinclair Oil Co Federal Feb 11/10

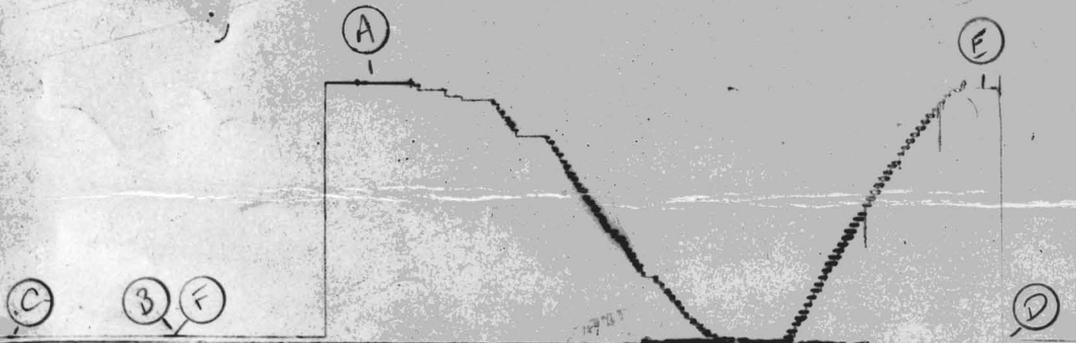


T# 28449 N

T-203

5000#

77



T203 Sinclair Oil Co Federal Reserve 10-3-57

**OPEN HOLE TEST**

43-037-10235

**JOHNSTON TESTERS, INC.** TEXAS PET. CO.  
GEOLOGICAL DEPT.

OFFICES: Houston, Texas - Los Angeles, California - Calgary, Canada

**GEOLOGICAL**

375-218-23

OPEN HOLE TEST NO. 1 WELL: Federal FEHR. #1 DATE 9-30-57  
FIELD Wild Cat COUNTY San Juan STATE Utah

COMPANY Sinclair Oil & Gas Company CHARTS TO: SEE REMARKS.  
ADDRESS Box 312, Farmington, New Mexico  
TEST APPROVED BY Don M. Allen  
JOHNSTON OPERATOR Gene T. Brauer TICKET NO. 36243 N

GENERAL TEST DATA

|   |   |                          |
|---|---|--------------------------|
| TYPE TEST <u>Conventional</u>                                   |   | TOTAL DEPTH <u>2416'</u> |
| 1. Test Interval: <u>2373'</u> To <u>2416'</u>                  | 7. Fluid Cushion: Type <u>none</u> Amount |                          |
| 2. Tool Open _____ Hrs. <u>48</u> Min                           | 8. Air Chamber Amount <u>none</u> Size:   |                          |
| 3. Initial Shut In _____ Hrs. _____ Min                         | 9. Did Packer(s) Hold? <u>yes</u>         |                          |
| 4. Final Shut In _____ Hrs. <u>45</u> Min                       | 10. Did Tool Plug? <u>no</u> Where?       |                          |
| 5. Choke: Top <u>1"</u> Bottom <u>3/4"</u>                      | 11. Was Test Reversed Out? <u>no</u>      |                          |
| 6. Fluid Recovery <u>30'</u> Total,<br><u>30' drilling mud.</u> |   |                          |

REMARKS: CHARTS TO:  
601 Denver Club Building,  
Denver, Colorado.

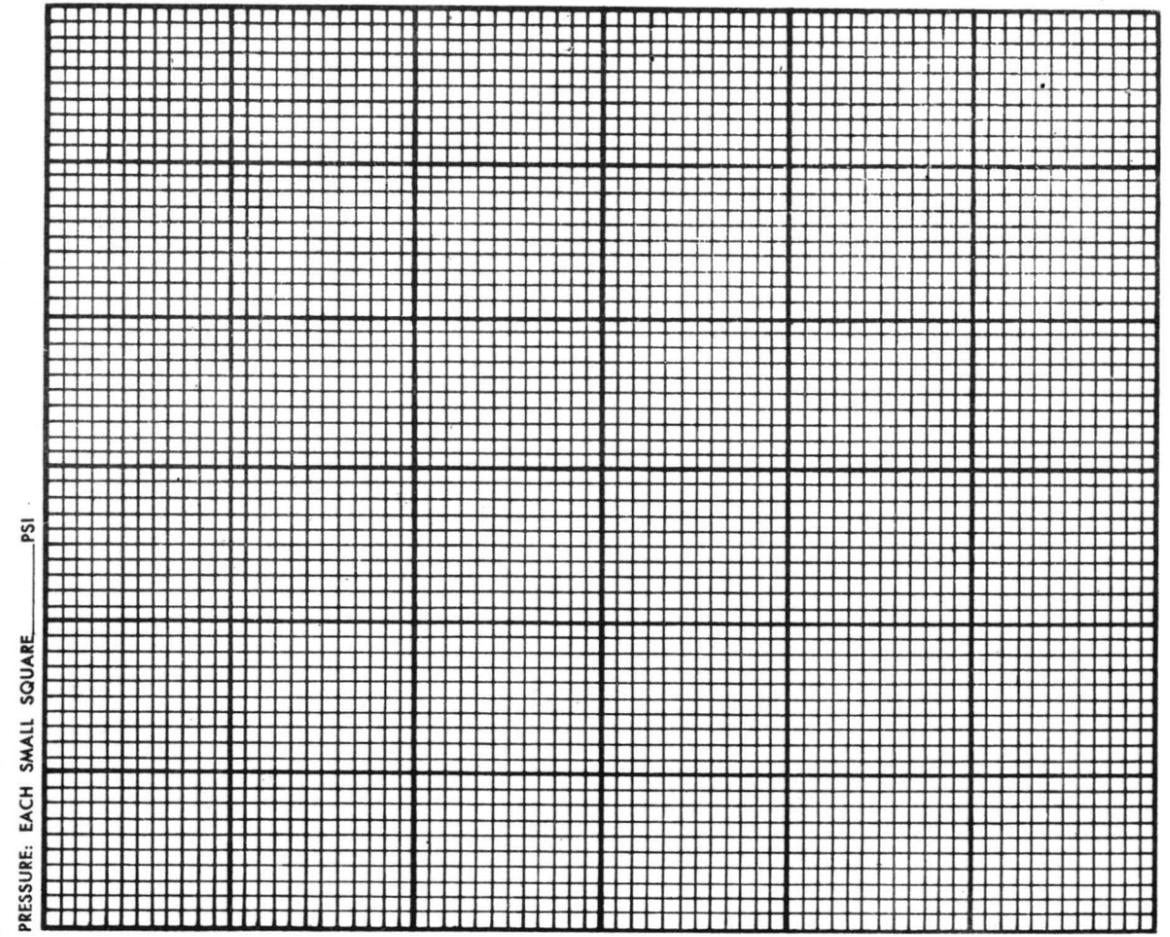
SURFACE INFORMATION

|   |
|---|
| 1. Blow: <u>Very weak blow, dead in 1 minute.</u>   |
| 2. Maximum Surface Pressure _____ Did Well Flow? <u>no</u>                                    |
| Description Or Rate of Flow _____ Time _____ Max. Pressure _____ Size Surface Choke <u>1"</u> |
| _____   |
| _____   |
| _____   |

MUD, HOLE, & TOOL DATA

| MUD, HOLE & JOHNSTON TOOL DATA   |  |  |  |
|--|--|--|--|
| MUD: Type _____, Weight <u>10</u> Viscosity <u>40</u>                            |  |  |  |
| HOLE: Main Hole Size <u>8 3/4"</u> Drill Pipe Size <u>3 1/2" I.P. 4 1/2" XH.</u> |  |  |  |
| Rat Hole Size _____  |  |  |  |
| JOHNSTON TOOLS:  |  |  |  |
| 1. Packer(s): Type <u>Bob Tail</u> O.D. <u>7 1/2"</u> Type _____ O.D. _____      |  |  |  |
| Set At <u>2373'</u> Set At _____   |  |  |  |
| 2. Extra Equipment: <u>Bowen jars. safety joint.</u>                             |  |  |  |

Number of Copies Requested: 5



Test Ticket No. 36243 N Pressure Recorder: No. T-408  
Chart Number \_\_\_\_\_ Cap. 5000#  
Location 2415'

| PRESSURE DATA                           |                         | Point | Pressure    | Point | Pressure |
|---|-------------------------|-------|-------------|-------|----------|
| A                                       | Initial Hydrostatic Mud |       | <u>1320</u> |       |          |
| B                                       | Initial Flow            |       | <u>65</u>   |       |          |
| C                                       | Final Flow              |       | <u>65</u>   |       |          |
| D                                       | Final Shut-In           |       | <u>145</u>  |       |          |
| E                                       | Final Hydrostatic Mud   |       | <u>1320</u> |       |          |
| F                                       | "Initial Shut-In"       |       |             |       |          |
| Remarks: <u>Well Temperature 93° F.</u> |                         |       |             |       |          |

TEXAS NATIONAL PET. CO.  
GEOLOGICAL DEPT.

TT # 36243

AMERADA

RECORDER

# 12389

6500 # 51



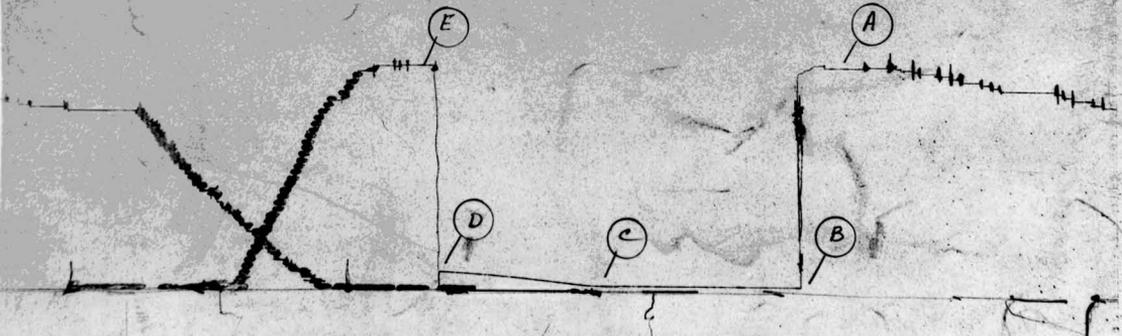


# 36243 N

T-204

5000 #

5t

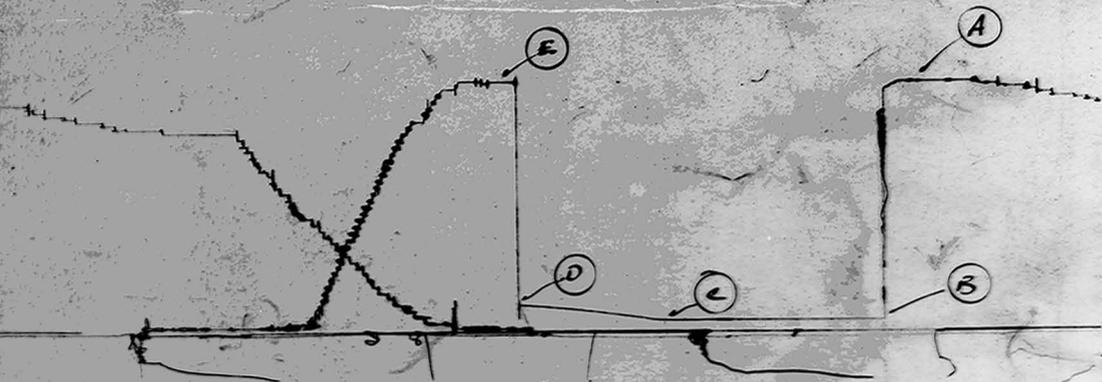




TT # 36243 X

T-408

5000\*



T408

Continental 100%  
Continental No. 1 Federal Fehr  
SW 1/4 of Section 23, T22S, R21E

43-037-10235

375  
Plugged and abandoned on April 8, 1958.

Wah

Log Tops:

|             |      |
|-------------|------|
| Navejo      | 1193 |
| Wingate     | 1559 |
| Chinle      | 1830 |
| Shinarump   | 2455 |
| Cutler      | 2714 |
| Oregon Rock | 2970 |
| Cedar Mesa  | 3478 |
| Hermosa     | 4696 |
| Paradox     | 5563 |
| Aneth Pay   | 5803 |
| Salt        | 5973 |

Core No. 3 5750-95. Cut 45', Recovered 42'.

5750-51 1/2 Ls. dk gry, microxln, dense, w/anhy incl.  
5751 1/2-57 Ls, light gray, fnly xln, dense, argil, faint odor, no vis. show.  
5757-66 Ls, dk gry, fnly xln, dense, no show.  
5766-74 1/2 Ls, gry to gry brn, fnly xln to sln, arg, foss, dense, slightly dolo w/calcite incl, faint odor, no vis. show.  
5774 1/2-75 Ls, as above w/pp bleeding of oil.  
5775-76 1/2 Ls, as above, no show.  
5776 1/2-77 1/2 Argillite, gry, blk.  
5777 1/2-92 Sh, blk, carbonaceous, poker chip.

DST No. 1 5707'-5795'.

Open 2 hrs. ISI 30 min. VWB dead in 5 mins. Coming out w/teel. Leak in drill collar first test. Datum on top of est. Aneth -639. Expect to complete Tuesday April 8, 1958. Rec 15' M, No Shows.

Core No. 4 5805-57. Cut 52', Recovered 52'.

5805-07 Sh, blk, carb, calc.  
5807-12 Dolo, gry brn, microxln, hard, tight, slightly calc, good odor, scattered pp bleeding green oil in upper 2'. NVP.  
5812-17 1/2 Ls, gry to dk gry, microxln, very dense, slightly argil, becoming shaly at bottom.  
5817 1/2-22 1/2 Dolo, gry brn to gry blk, microxln to earthy, hard, tight, faint odor w/very slight pp bldg oil 5818-19.  
5822 1/2-55 Anhy, grn brn, massive.

Core No. 5 5857-5909. Cut 52', Recovered 52'.

5857-58 Dolo, gry brn, as above.  
5858-62 Ls, dk gry, microxln, dense, argil, foss, no show.  
5862-63 Ls, gry brn, fnly xln, hard, dense, no show.  
5863-66 1/2 Ls, dk gry, microxln, dense, very argil, slightly pyritic, no show.  
5866 1/2-67 Dolo, gry brn, earthy, hard, silty, foss. interxln por, appears salt water wet.  
5867-5868 1/2 Ls, gry brn, fnly xln to xln, hard, dense, no show.  
5868 1/2-70 Ls, gry to dark gry, xln, dense, no show.  
5870-73 1/2 Ls, light gry, microxln, hard, dense, w/anhy partings and inclusions.

(Continued)

Core No. 5 Cont:

5873 $\frac{1}{2}$ -5884 Ls, light gry, fnly xln, hard, dense, become anhydritic at bottom  
 5884-92 $\frac{1}{2}$  Anhy, gry brn, massive  
 5892 $\frac{1}{2}$ -5900 Ls, dk gry, fn to microxln, argil, dense, w/pyrite incl.  
 5900-09 Ls, light gry to gry brn, fnly xln, to earthy, dolomitic, argil in part, very foss, no show.

Core No. 6 5903-43. Cut 34', Recovered 34'.

5909-13 Ls, light gry to gry, fine to microxln, foss, dense, silty in part w/blk sh partings, faint odor, bleeding salt water  
 5913-42 Sh, blk, carbonaceous, calc, poker chip, soft and brittle in lower part, fetid odor.  
 5942-43 Ls, gry, microxln to earthy dolo, fair odor, pp bleeding of salt water.

Core No. 7 5943-75. Cut 32', recovered 30.8'.

5943-44 Dolo, gry blk, microxln, very argil, hard, dense  
 5944-44 $\frac{1}{2}$  Argillite, blk, calc, hard  
 5944 $\frac{1}{2}$ -47 Ls, gry, microxln, dolomitic, hard, dense, fair odor, bleeding oily salt water  
 5947-50 $\frac{1}{2}$  Argillite, as above  
 5950 $\frac{1}{2}$ -55 Dolo, gry brn, microxln, argil, hard, good odor and stain, scattered bleeding of oily salt water  
 5955-56 Anhy, gry xln, hard  
 5956-5957 Argillite, as above  
 5957-63 Dolo, gry to gry brn, microxln, argil, hard, fair odor in upper 3 feet, scat. bldg of oily salt water  
 5963-73.8 Anhy, gry w/brn cast, fn to cse xln, sh partings  
 5973.8-75 No rec, possibly salt from drlg time analysis. Chlorides up.

DST No. 2 5901-75 (4-8-58)  
 Open 2 hours, SI 1 hr. Temp 128°. Rec. 30' drlg. mud.  
 IH 3025  
 ISI 50  
 IF 50  
 FF 60  
 PSI 100  
 FH 3025