

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

~~5-15-59~~

P&A 9-15-59 - NON-COMMERCIAL
Below economic limit.

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: 10-9-59

Date Well Completed 5-15-59

OW 5-15-59 WW _____ TA _____

GW _____ OS _____ PA

Location Inspected _____

Bond released _____

State of Fee Land _____

LOGS FILED

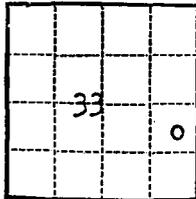
Driller's Log 6-1-59

Electric Logs (No.) 5

E _____ L _____ E-I GR _____ GR-N _____ Micro _____

Lat. Mi-L _____ Sonic Others: Dipmeter

Subsequent Report Abandon Radioactivity Log



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. U-04824 _____
Unit _____

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)

February 18, 1959, 19

Government-Fehr-Lyon

Well No. 1 is located 2055 ft. from NS line and 530 ft. from E line of sec. 33
NE SE Section 33 40S 21E S1M
(¼ 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 _____ ft. 4327' ungraded.

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)

Rotary drilling equipment will be used to drill to approximately 6600' to the Mississippian Formation. Surface casing: approximately 1200' of 8-5/8" OD casing cemented to the surface. Production string: required amount of 5 1/2" OD or 4 1/2" OD smls casing cemented with required amount of cement. Mud Program: Conventional gel mud. Drill stem tests: All Oil and gas shows will be tested Electric logs etc will be run before setting casing or abandonment. Stimulation treatments such as acidizing or hydraulic fracturing may be employed in completion.

True location bell in wash.

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

Company The Carter Oil Company
Production Department
 Address Box 3082
Durango, Colorado
 By B M Bradley
B M Bradley
 Title District Superintendent

LEASE PLAT & PIPE LINE DATA

DIV. NO. _____ BLOCK NAME _____ LEASE NO. _____

LESSOR _____

TOTAL ACCUMULATED INTEREST _____

STATE Utah COUNTY San Juan SEC. 33 T. 40S R. 21E ACRES _____

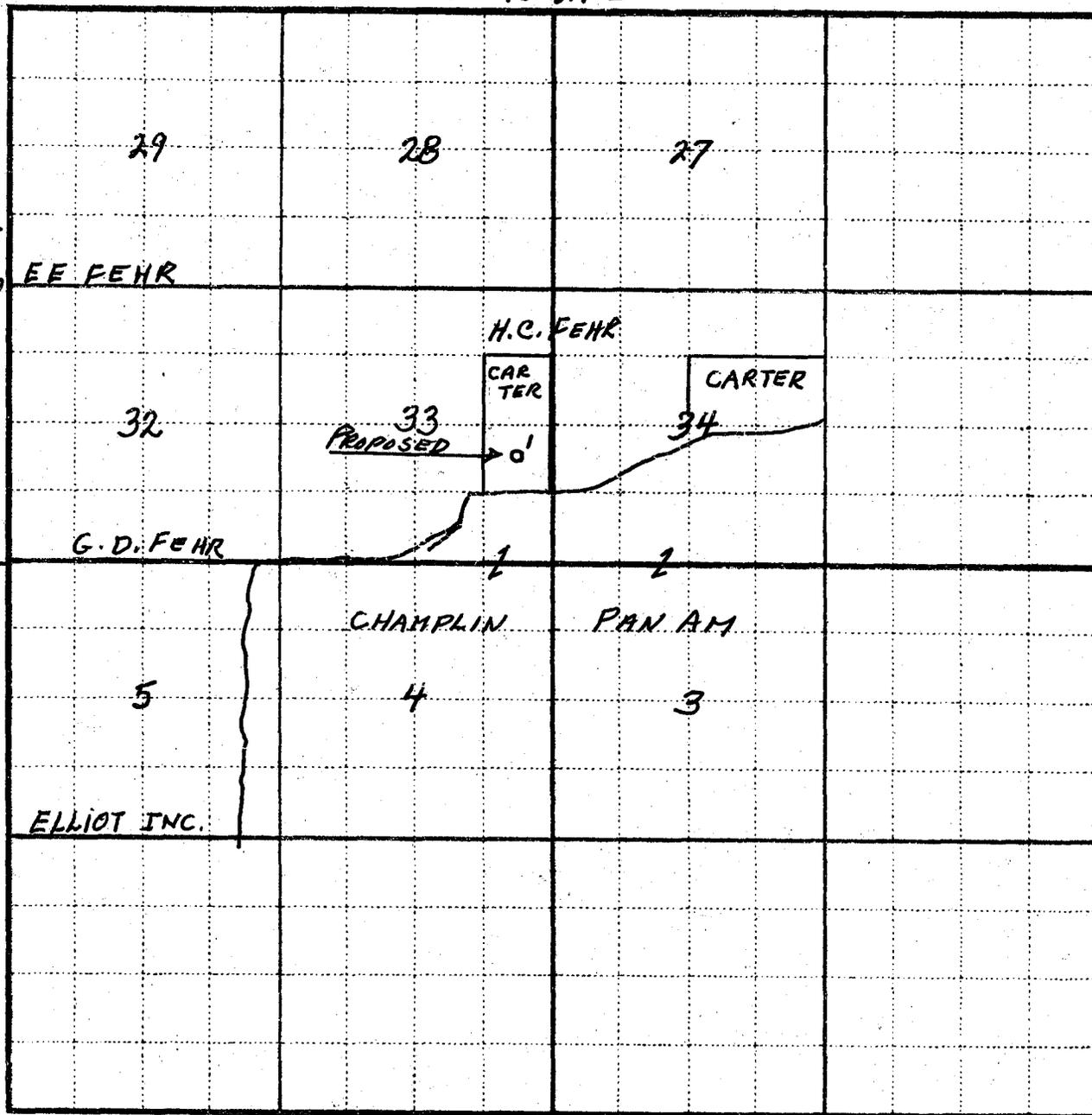
DESCRIPTION AND INTEREST: _____

The Carter Oil Company - Proposed Location

Government-Fehr-Lyon #1

R-21-E

IF USED FOR PIPE LINE DIAGRAM — PLEASE SUPPLY THE FOLLOWING INFORMATION
Total Length and Size of Pipe Laid _____ Pipe Transferred From _____
Total Length and Size of Pipe Taken Up _____ Pipe Transferred to _____
Depth Buried _____ Painted _____ Screw, Welded or Coupled _____ List Fittings (on back of this sheet if necessary)
Date _____ District _____ Farm or Plant _____
Signed _____
(Mail to Engineering Department - Tulsa)



When used as 1/4" Section Scale, 1" = 400'
When used as Section Scale, 1" = 800'
When used as 4 Sections Scale, 1" = 1600'
Place check mark after scale used.

Plat made by _____ Date _____
1/2" Base Map _____ Date _____
Plat Book (Pend.) _____ Date _____ (Comp.) _____ Date _____
Block Map (Pend.) _____ Date _____ (Comp.) _____ Date _____
Block Map Tr. (Pend.) _____ Date _____ (Comp.) _____ Date _____

COMPANY THE CARTER OIL COMPANY

Well Name & No. GOVERNMENT-FEHR-LYON, Well # 1

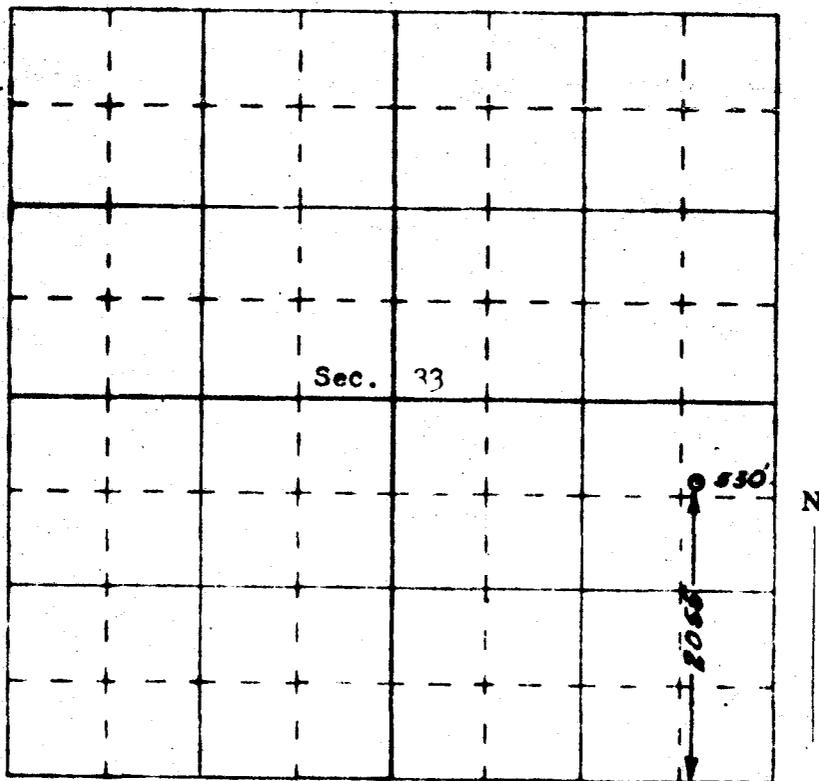
Lease No.

Location 2055' FROM THE SOUTH LINE & 530' FROM THE EAST LINE

Being in NE NE SE

Sec. 33 T 40 S, R 21 E, S.L.M., SAN JUAN COUNTY, UTAH

Ground Elevation 4327.3 ungraded ground



Scale -- 4 inches equals 1 mile

Surveyed 13 February

19 59

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.

Note: Loc. in con. NW & SE fell in wash.

James P. Leese

Registered Land Surveyor

James P. Leese

Utah Reg. No. 1472



SAN JUAN ENGINEERING CO., FARMINGTON, NEW MEXICO

February 19, 1959

The Carter Oil Company
Production Department
P. O. Box 3082
Durango, Colorado

Attention: B. M. Bradley, Dist. Supt.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Gov't-Fehr-Lyon 1, which is to be located 2055 feet from the south line and 530 feet from the east line of Section 33, Township 40 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. FEIGHT
EXECUTIVE SECRETARY

CBF:co

cc: Phil McGrath, Dist. Eng.
U.S.G.S. Farmington,
New Mexico

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE U-04824
LEASE NUMBER _____
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

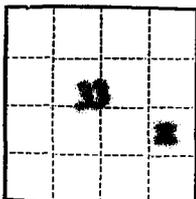
State Utah County San Juan Field Wildcat
The following is a correct report of operations and production (including drilling and production) for the month of February, 1959
Agent's address Box 3082 Company The Carter Oil Company
Durango, Colorado Signed COPY (ORIGINAL SIGNED) CHAS. C. JOHNSON
Phone Cherry 7-0210 Agent's title Dist. Acct'g. Supr.

| 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, date and result of test for gas content of gas) |
|---|------|-------|----------|---------------|----------------|---------|-------------------------------|-------------------------------|--------------------------------------|--|
| GOVERNMENT-PEHR-LYON NE SE Sec. 33 | 40S | 21E | 1 | 0 | 0 | - | - | - | - | Spudded 2-28-59 Reaming @ 160' |

NOTE.—There were 0 runs or sales of oil; 0 M cu. ft. of gas

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 duplicated 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 _____
Lease No. 0-11111-1
Unit _____

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)

Government-Foreign _____ March 2, 19 60

Well No. 1 is located 805 ft. from S line and 530 ft. from E line of sec. 33

NE SE Section 33 10N 21E 61M

($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Rolling Mesa San Juan Utah

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

The elevation of the derrick floor above sea level is 1094 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 as follows: Bridge plug at 1090'. Spotted 12 sacks cement on perforations 1007-15', formation took cement. Set bridge plug at 1050' and dumped 10 sacks cement on top of plug, 1050 to 1770'. 72 sacks cement 1050-1150'; 62 sacks cement 1100-1200'; 62 sacks cement 130-150' and 15 sacks cement from 30' to surface.

5-1/2" production casing was out off at 1095' and pulled, 8-5/8" casing (695') & 13-3/8" casing (160') was left in hole.

1-1/2" x 10' dry hole marker was cemented in the top of the casing, location cleaned up and ready for inspection.

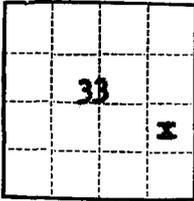
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company - Carter Division

Address P. O. Box 3732
Durango, Colorado

By B. M. Bradley
Title Dist. Engr.

COPY (ORIGINAL SIGNED) B. M. BRADLEY



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. U-01824-A
Unit _____

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..... | XX |
| 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)

Government-Fehr-Lyon _____ March 2, _____, 19 60

Well No. 1 is located 2055 ft. from S line and 530 ft. from E line of sec. 33

NE SE Section 33 40S 21E S1M
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Rolling Mesa San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4384 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 as follows: Bridge plug at 4930'. Spotted 12 sacks cement on perforations 4907-15', formation took cement. Set Bridge plug at 4850' and dumped 10 sacks cement on top of plug, 4850 to 4770'; 22 sacks cement 3550-3450'; 62 sacks cement 2100-1900; 62 sacks cement 850-650' and 15 sacks cement from 30' to surface.

5-1/2" production casing was cut off at 3495' and pulled, 8-5/8" casing (695') & 13-3/8" casing (160') was left in hole.

4-1/2" x 10' dry hole marker was cemented in the top of the casing, location cleaned up 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 Humble Oil & Refining Company - Carter Division

Address P. O. Box 3082

Durango, Colorado

By **COPY (ORIGINAL SIGNED) B. M. BRADLEY**
B. M. Bradley
Title Dist. Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE _____
LEASE NUMBER U-04824
UNIT _____

71/K
4-14

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 March, 1959,

Agent's address Box 3082 Company The Carter Oil Company
Durango, Colorado Signed **COPY (ORIGINAL SIGNED) CHAS. E. JOHNSON**

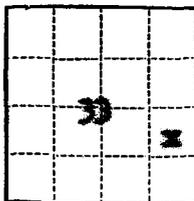
Phone Cherry 7-0210 Agent's title Dist. Acct'g. Supr.

| 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) |
|-----------------------------|------|-------|----------|---------------|----------------|---------|-------------------------------|-------------------------------|--------------------------------------|--|
| GOVERNMENT-FERR-LION | | | | | | | | | | |
| NE SE | | | | | | | | | | |
| Sec. 33 | 40S | 21E | 1 | 0 | 0 | - | - | - | - | Spudded 2-28-59, TD 5136', DST. |

NOTE.—There were 0 runs or sales of oil; 0 M cu. ft. of gas sold;

0 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 _____
Lease No. U-04824
Unit _____

7/14
5/5

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 | | <u>Casing Report</u> | <u>X</u> |

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

_____ April 30, _____, 19 59

Government-Fair & Igan
Well No. 1 is located 2055 ft. from N line and 530 ft. from E line of sec. 33

NE SE Section 33 10S 21E 51M
(¼ 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 4384 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)

- Set 13-3/8" casing @ 160', cemented w/225 sz. cement.
- Set 8-5/8" casing @ 695', cemented w/525 sz. cement.
- Set 5-1/2" casing @ 5180', cemented w/236 sz. cement.

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

Company The Carter Oil Company

Address Box 3082

Durango, Colorado

By COPY (ORIGINAL SIGNED) B. M. BRADLEY

Title Dist. Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE _____
LEASE NUMBER U-04824
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 April, 1959,

Agent's address Box 3082 Company The Carter Oil Company

Durango, Colorado Signed COPY (ORIGINAL SIGNED) CHAS. C. JOHNSON

Phone Cherry 7-0210 Agent's title Dist. Acct'g. Supr.

| 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) |
|---------------------------------|------|-------|----------|---------------|----------------|---------|-------------------------------|-------------------------------|--------------------------------------|--|
| GOVERNMENT-FEHR-LYON | | | | | | | | | | |
| Sec. 33 NE SE | 40S | 21E | 1 | 0 | 0 | - | - | - | - | Spudded 2-28-59, TD 6283', PBTD 5137', Testing. |

NOTE.—There were 0 runs or sales of oil; 0 M cu. ft. of gas sold;

0 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

LAND OFFICE _____
LEASE NUMBER U-04824
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 April, 1959,

Agent's address Box 3082 Company The Carter Oil Company

Durango, Colorado Signed **COPY (ORIGINAL SIGNED) CHAS. C. JOHNSON**

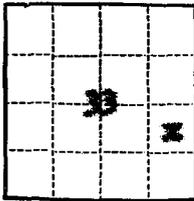
Phone Cherry 7-0210 Agent's title Dist. Acct'g. Supr.

| 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) |
|--|------------|------------|----------|---------------|----------------|----------|-------------------------------|-------------------------------|--------------------------------------|--|
| <u>GOVERNMENT-FEHR-LYON</u> <u>Sec. 33</u> <u>NE SE</u> | <u>40S</u> | <u>21E</u> | <u>1</u> | <u>0</u> | <u>0</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>Spudded 2-28-59, TD 6283', PBTD 5137', Testing.</u> |

NOTE.—There were 0 runs or sales of oil; 0 M cu. ft. of gas sold;

0 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 _____
Case No. U-01021-A
Date _____

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 _____ X |
| 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)

May 28, 1959

Government-Pahr & Lyon

Well No. 1 is located 2955 ft. from (N) line and 530 ft. from (E) line of sec. 33

NE SE Section 33
(¼ Sec. and Sec. No.)

LOC
(Twp.)

R1E
(Range)

S1N
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4306 ft.

DETAILS OF WORK

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

TD 6263', PRTD 5137'. Perf. 5105-26' w/2 shots/ft., spotted 200 gal. MCA, swab back. Treated w/600 gal. intensified 20% acid plus 2000 gal. reg. 15% HCl acid. Swab back, 2-hr. test, rec. 20 b.s.w. thru 1" choke. Squashed perf. w/350 oz. neat cement. Perf. 5105-26' w/2shots/ft. Treated w/600 gal. intensified acid, followed w/2000 gal. reg. 15% acid. Swab back acid water w/rainbow of oil. Swab 2 1/2 hrs., rec. 19 b.s.w. and acid water, skin of oil, show of gas, making less than 1/2 bbl. fluid per hour at end of test. Set bridge plug @ 5030', perf. 5011-18' & 4967-97'. Treated w/350 gal. MCA, swabbed back. Treated w/6000 gal. reg. 15% acid. Flow & swab 7 1/2 hrs., rec. 29 bbls. load oil, 92 bbls. acid water and 1 bbls. new oil. Re-perf. 5011-18' & 4967-97' w/2 shots/ft. Pumped in 1000 gal. crude oil w/5 gal. Penetrate surface reducer, then 10,000 gal. reg. 15% non-emulsifying acid, then 1000 gal. crude oil plus 5 gal. surface reducer. Swab test 17 hrs., rec. 181 bbls. fluid; 57 oil & 12 1/2 water. Recovered acid water and load oil. Completed 5-15-59 as oil well, swab thru open choke @ rate of 33 b.o. and 20 b.w. per day on 2 1/2 hr. test.

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

Company The Carter Oil Company

Address Box 3062

Durango, Colorado

By **COPY (ORIGINAL SIGNED) B. M. BRADLEY**

Title Dist. Supt.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

State Capitol Building
Salt Lake City 14, Utah

| | | | | | |
|--|--|----|---|--|--|
| | | | | | |
| | | 33 | | | |
| | | | x | | |
| | | | | | |
| | | | | | |

LOCATE WELL CORRECTLY

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company The Carter Oil Company Address Box 3082, Durango, Colorado
 Lease or Tract: Government-Fehr & Lyon Field W. Bluff Bench WC State Utah
 Well No. 1 Sec. 33 T. 40S R. 21E Meridian SIM County San Juan
 Location 2055 ft. N. of S. Line and 530 ft. E. of E. Line of Sec. 33 Elevation 4384'
(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 *Bob Bradley*
Title Dist. Supt.

Date May 28, 1959

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

Commenced drilling February 28, 19 59 Finished drilling April 14, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4908 to 4915 No. 4, from 5011 to 5018
 No. 2, from 4967 to 4974 No. 5, from _____ to _____
 No. 3, from 4977 to 4997 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- | |
| 13-3/8" | 48# | 8-R | - | 112' | - | - | 4967 | 4997 | Production |
| 8-5/8" | 24# | 8-R | - | 682' | Baker | - | 5011 | 5018 | " |
| 5-1/2" | 14# | 8-R | - | 4602' | | - | | | |
| 5-1/2" | 15.5# | 8-R | - | 567' | | | | | |
| | | | | 5169' | Howco | | | | |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 13-3/8" | 160' | 225 | Halliburton | - | - |
| 8-5/8" | 695' | 525 | " | - | - |
| 5-1/2" | 5180' | 236 | " | - | - |

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

FOLD MARK

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

TOOLS USED

Rotary tools were used from Surface feet to 6283 feet, and from - feet to - feet
 Cable tools were used from - feet to - feet, and from - feet to - feet

DATES

May 28, _____, 1959 Put to producing May 15, _____, 1959
 The production for the first 24 hours was 53 barrels of fluid of which 62 % was oil; - %
 emulsion; 38 % water; and - % sediment. Gravity, °Bé. 38° @ 60°
 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
 _____, Driller _____, Driller

FORMATION RECORD

| FROM- | TO- | TOTAL FEET | FORMATION |
|-------|------|------------|---|
| 1920 | 3930 | 2010 | Cutler |
| 3930 | 4949 | 1019 | Hermosa |
| 4949 | 5532 | 583 | Paradox |
| 5532 | 5740 | 208 | Lower Hermosa |
| 5740 | 5980 | 240 | Molas |
| 2980 | TD | - | Mississippian |
| | | | <u>Electric Log Tops</u> |
| | | | At the end of complete Driller's Log, add Geologic Tops. State whether from Electric Logs or samples. |

JUN 1 1959

[OVER]

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 hailing.

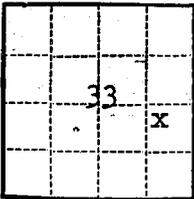
GOVERNMENT FEHR & LYON #1

TD 6283', PBTD 5137'. Perforated 5105-5126' with 2 holes per foot, spotted 200 gal. MCA, swabbed back. Treated with 600 gal. intensified 20% acid plus 2000 gal. reg. 15% NE acid. Swab back. Two hour test, recovered 20 bbls. salt water through 1" choke. Squeezed perforations 5105-26' with 350 sx. neat cement. Re-perforate 5105-26' with 2 shots per foot. Treated with 600 gal. intensified acid, followed with 2000 gal. reg. 15% acid. Swab back acid water with rainbow of oil. Swab 24 hours, recovered 19 bbls. salt water and acid water, skim of oil, show of gas. Making less than 1/2 bbl. fluid per hour at end of test. Set bridge plug @ 5030', perforated 5011-18' and 4967-97'. Treated with 350 gal. MCA, swabbed back. Treated with 6800 gal. reg. 15% acid. Flow and swab 7 1/2 hours, recovered 29 bbls. load oil, 92 bbls. acid water and 1 bbl. new oil. Re-perforate 5011-18' and 4967-97' with 2 shots per foot. Pumped in 1000 gal. crude oil with 5 gal. Penatrete surface reducer, then 10,000 gal. reg. 15% non-emulsifying acid, then 1000 gal. crude oil plug 5 gal. surface reducer. Swab test for 17 hours, recovered 181 bbls. fluid; 57 bbls. oil and 124 bbls. acid water. Recovered acid water and load oil. Completed 5-15-59 as oil well, swab through open choke at rate of 33 bbls. oil and 20 bbls. water per day on 24 hour test.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office U-04824-A
Lease No.
Unit



SUNDRY NOTICES AND REPORTS ON WELLS

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

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

September 15, 1959, 19

Government-Fehr & Lyon
Well No. 1 is located 2055 ft. from $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$ line and 530 ft. from $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$ line of sec. 33
NESE Section 33 40S 21E SLM
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Rolling Mesa San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4384 ft.

DETAILS OF WORK

plug 4930-4850 in perfor.

(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 intended to plug and abandon well as follows: cut 5½" casing at 3500' and pull, place cement plugs 3550-3450' (50' above & below cut casing), 2100-1900 across DeChelly water zone; 850-650' (surface casing set at 695'), and 30-0'. The intervals between plugs will be filled with drilling mud. Permanent type bridge plugs have already been set at 4930' below the Hermosa A₂ zone and at 5030' in the Paradox B zone. A 4" dry hole marker extending 4' above the ground will be erected and all pits filled and location cleaned.

The reason for abandonment as follows: The well/tested in the Paradox "P" zone after perforating & acidizing the intervals 4967-97' and 5011-18'. Accumulated oil production from these Paradox "B" zone intervals was 209 bbls oil to June 24, 1959, at which time the production rate had declined to 2 bbls/day. A bridge plug was set at 4930' & the Hermosa A₂ zone tested after perforating and acidizing in the interval 4907-15'. To Sept 15, 1959, the Hermosa A₂ zone has accumulated 374 bbls oil and the rate has declined to 3 bbls of oil per day. The well is now presently below its economic limit

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

"over"

Company The Carter Oil Co.
Production Department
Address Box 3082
Durango, Colorado

By *B.M. Bradley*
B M Bradley
Title Dist. Superintendent.