

- 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

FILED IN NIS

Entered in NID File
 Sheet
 Map Pinned
 and
 State or Fee Land

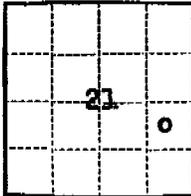
Checked by Chief
 Copy NID to Field Office
 Approval Letter
 Disapproval Letter

COMPLETION DATA:
 Date Well Completed 1-18-59
 OWE _____ WW _____ TA _____
 GWA _____ OS _____ PA

Location Inspected _____
 Bond released _____
 State of Fee Land _____

WICK - NS

LOGS FILED
 Driller's Log 1-26-59
 Electric Logs (No. 3)
 E 1-EV E-1 _____ GR _____ GR-N Micro
 Lat _____ Mi-L _____ Sonic _____ Others _____



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office SLC
Lease No. U-08196-A
Unit Dugout Creek

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)

September 5, 1958, 19.....

Dugout Creek Unit

Well No. 1 is located 2040 ft. from SW line and 585 ft. from E line of sec. 21

NE SE Section 21 24S 14E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Emery Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is ft. 4320' Estimated Ground

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 6400' for a Mississippian Test. Surface Casing: Approximately 700' of 10-3/4" OD 5mls casing cemented to the surface. Oil String: Required amount of 5 1/2" OD 5mls casing cemented with required amount of cement. Mud Program: Conventional gel mud will be used. 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 hydraulic fracturing or acidizing may be employed in completion.

Location off center due to a bad dry 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

COPY (ORIGINAL SIGNED) B. M. BRADLEY
By B M Bradley
Title District Superintendent

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

LESSOR _____

TOTAL ACCUMULATED INTEREST _____

STATE UTAH COUNTY EMERY SEC 21 T 24S R 14E ACRES

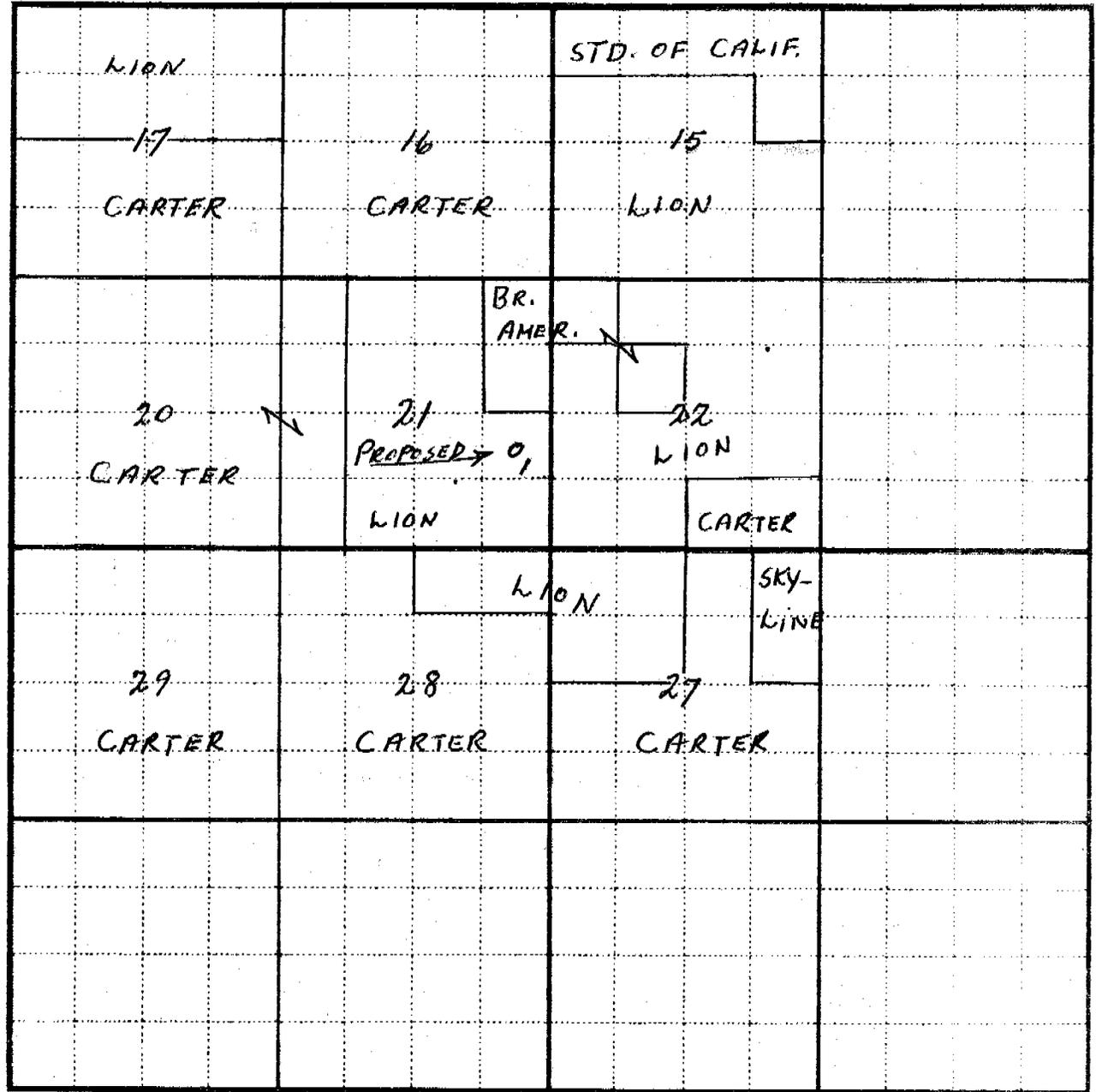
DESCRIPTION AND INTEREST: _____

PROPOSED LOCATION

THE CARTER OIL CO.

DUGOUT CREEK #1

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 _____

September 8, 1958

Carter Oil Company
Production Department
P. O. Box 3882
Durango, Colorado

Attention: E. M. Bradley, District Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Dugout Creek Unit 1, which is to be located 2040 feet from the south line and 585 feet from the east line of Section 21, Township 24 South, Range 14 East, S15N, Emery County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted under Rule C-3(a), General Rules and Regulations and Rules of Practice and Procedure, Oil & Gas Conservation Commission, State of Utah.

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

CBF:co

cc: Don Russell
USGS, Federal Bldg.
Salt Lake City, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE **SIC**
LEASE NUMBER **8-08196-A**
UNIT **Dugout Creek**

LESSEE'S MONTHLY REPORT OF OPERATIONS

71-4
10-14

State Utah County Emery Field Wildcat

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

Agent's address P. O. Box 3682 Company The Carter Oil Company
Durango, Colorado

Phone Cherry 7-0210 Signed **COPY (ORIGINAL) CHAS. C. JOHNSON**
Dist. 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)
Sec. 21 NE SE		Dugout Creek Unit 2 1/2 S 1 1/2 E	1							Spudded 9-23-58 Drilling @ 2460'.

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 **NIC 06196**
LEASE NUMBER **Dugout Creek**
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Wildcat

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

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

Phone Cherry 7-0810 Agent's title District 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)
Sec. 21 NE SE	Dugout	Creek Unit	1	-						Spudded 9-23-58 Drilling @ 3010'

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

LAND OFFICE **SIC 05196**
LEASE NUMBER **Dugout Creek**
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Wildcat
The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1958,
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. 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)
DUGOUT CREEK UNIT										
Sec. 21										
NE SE	24S	14E	1	0	0	-	-	-	-	Spudded 9-23-58 drilling @ 5622'.

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 314
LEASE NUMBER 08196
UNIT Dugout Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

4-H
1-19

State Utah County Emery Field Wildcat

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

Agent's address Box 3082 Company The Carter Oil Company
Durango, Colorado Signed **COPY (ORIGINAL) CHAS. C. JOHNSON**
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)
DUGOUT CREEK UNIT										
Sec. 21										
NE SE	24S	14E	1	0	0	-	-	-	-	Spudded 9-23-58, TD 7655', logging.

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 **810**
LEASE NUMBER **08196**
UNIT **Dugout Creek**

LESSEE'S MONTHLY REPORT OF OPERATIONS

71-H
3-10

State Utah County Emery Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 19 59.

Agent's address Box 3082 Company The Carter Oil Company
Durango, Colorado Signed **COPY (ORIGINAL SIGNED)** H. L. FARRIS
Phone Cherry 7-0210 Agent's title Dist. Foreman

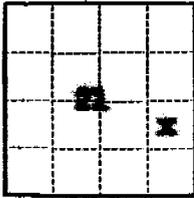
SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
DUGOUT CREEK UNIT										
Sec. 21										
NE SE	24S	14E	1	0	0	-	-	-	-	Spudded 9-23-58, TD 7655', D&A 1-8-59.

43-015-10499

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 SLE
Lease No. U-05196-1
Unit Dugout Creek

*W-K
1-A*

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>Setting of Casing</u>	<input checked="" type="checkbox"/>

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

January 12, 1959

Dugout Creek
Well No. 1 is located 3040 ft. from SW line and 585 ft. from E line of sec. 21
NE SE Section 21 24S 71E S1M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Duery Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4371 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 1-joint of 16" OD 53.1# Armo Weld Slip joint casing @ 43' with 75 cc. cement.

Set 46-jts. 10-3/4" OD casing @ 145# with 950 cc. regular cement with 1/4# Floccs per sack and 100 cc. regular cement with 1/4# Floccs and 2% cc per sack.
(6-jts. 10.5# 8-2 Thd 2-55 casing and 40-jts. 32.75# 8-40 8-2 Sals Casing)

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 P. O. Box 3012

Durango, Colorado

By COPY (ORIGINAL SIGNED) B. M. BRADLEY

Title Dist. Supt.

Carter Oil Company
#1 Dugout Creek
21-24S-14E

Utah

Core #5 2164-2214: Rec. 50'

- 33' Dolomite, oolitic to finely sucrosic, stained, strong hydrogen sulfide odor.
- 17' Shale, grey, very dolomitic, hard.

Core #6 2214-64: Rec. 50'

- 10' Shale, green with dolomite streaks - dolomite stained.
- 34' Dolomite, finely sucrosic, stained, no visible porosity.
- 6' Shale, green, spotty fluorescence.

Core #7 2264-89: Rec 25'

- 8' Shale, green, with dolomite stringers
- 10' Dolomite, finely sucrosic, stained, fractured lower 4', tarry residue in fractures.
- 3' Silt, grey, with dolomite stringers - fractured, tarry residue in fractures.
- 4' Dolomite with silt stringers, tarry residue in fractures.

Core #8 2289-2340: Rec 51'

- 4 $\frac{1}{2}$ ' Shale, green, dolomitic, spotty stain, no visible porosity.
- 2' Dolomite, finely sucrosic, stained, fractured
- 2 $\frac{1}{2}$ ' Shale, green, dolomitic.
- 20' Dolomite, finely sucrosic, dark brown to black stain, no visible porosity
- 5' Sandstone, very coarse, porous, bleeding water, stained.
- 17' Shale, green, dolomitic.

DST₂ 2114-2340: op 1 $\frac{1}{2}$ hrs, Rec. 1550' fluid, 180' mud, 630' mud cut water,
740' slightly brackish water (salt 1500 ppm) ISIP 1065/1 hr,
IFP 330, FFP 735, FSIP 975/1 hr, HH 1115.

Core #9 2340-81: Rec 41'

- 22 $\frac{1}{2}$ ' Shale, green, dolomitic.
- 2 $\frac{1}{2}$ ' Dolomite, finely sucrosic, stained.
- 6' Shale, green, dolomitic.
- 7' Shale, green, floating quartz grains and chert frags.
- 3' Sandstone, very coarse, stained, appears wet.

Emery Co

Carter Oil Company
#1 Dugout Creek
21-24S-14E
43-015-10499

- DST #7 7200-7350: open 4 hours, weak initial blow, increase to good blow in 5 min., Rec. 105' WCM, 1600' muddy water, 5190' water (not salty), ISIP 3185, IFP 1090, FFP 3025, FSIP 3185, HP 3820.
- DST #8 4710-4850: Mis-run, packer failed.
- DST #9 4710-4850: Mis-run.
- DST #10 4720-4868: open 2 hours, weak initial blow, increasing to good blow in 7 min., then died in 1 hour and 20 min., Rec. 3542' drlg mud, ISIP 1895/1 hr, IFP 510, FFP 1895, FSIP 2090/1 hr.
- DST #11 2160-2175: open 4 hours, open w/weak initial blow, increasing to good blow in 1 min., then gradually decreasing to weak blow at end of test. Rec 176' MCW, 1356' black sulphur water, ISIP 940, IFP 70, FFP 705, FSIP 885, HP 1085.

TD 7655', Prep to D & A .

Leaving 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 7655 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 20, _____, 1959 Put to producing DRY HOLE, 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. _____ WELL PLUGGED AND ABANDONED ON JANUARY 8, 1959

EMPLOYEES

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1325'	1688'	363'	Chinle
1688	2375	687	Moenkopi
2375	4175	1800	Coconino
4175	5161	986	Hermosa
5161	5691	530	A-1
5691	6784	1093	Paradox
6784	7144	360	Molas
7144	7655	511	Mississippian

[OVER]

At the end of complete Driller's Log, add Correlative Tops. State whether from Electronic Logs or samples.

W

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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.

DUGOUT CREEK UNIT C-870#1

Drilling began on September 23, 1958, reached total depth of 7655' on December 31, 1958. Dry hole, plugged and abandoned January 8, 1959.

JAN 26 1959