

FILE NOTATIONS

Entered in N I D File ✓
 Entered On S R Sheet
 Location Map Pinned ✓
 Card Indexed ✓
 I W R for State or Fee Land

Checked by Chief RBS
 Copy N I D to Field Office ✓
 Approval Letter ✓
 Disapproval Letter

COMPLETION DATA:

Date Well Completed 3-12-61
 OW WW TA
 GW ✓ OS PA

Location Inspected
 Bond released
 State of Fee Land

LOGS FILED

Driller's Log 6-20-61

Electric Logs (No.) 1

E I E-I ✓ GR GR-N Micro

Lat Mi-L Sonic Others

Land Office Salt Lake
Lease No. Utah 013696
Unit _____

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

X			

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	X	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)

December 7, 19 60

Well No. 1-A is located 774' North from Quarter Line 80' East from the West line
~~from the Quarter Line~~ and ~~80'~~ ft. ~~from the West line~~ of sec. 8

NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ 17S 24 East S1M
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Westwater Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6129 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)

It is intended to drill thru the Castlegate as Plus 100' into Mancos at approximately 900'. Run 8 5/8 casing and cement to surface. Air drill to Entrada if possible then mud up and complete, if productive. Estimated tops Bucktongue 520', Castlegate 780', KDS 4250', KD 4340; KOM 4442, Morrison 4470, Entrada 5,100.

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

Company Willard Pease Drilling Co.

Address Box 1532

Grand Junction, Colorado

By W H Pease

Title President

BOOK CLIFFS OIL AND GAS COMPANY
412 STATLER CENTER BUILDING
LOS ANGELES 17, CALIFORNIA
December 9, 1960

Mr. Cleon B. Feight, Executive Secretary
State of Utah Oil & Gas Conservation Commission
310 Newhouse Bldg.
10 Exchange Place
Salt Lake City 11, Utah

Re: LEASE UTAH 013696
Well No. 1-A

Dear Mr. Feight:

Enclosed please find application of
"DESIGNATION OF OPERATOR" and "NOTICE OF INTENTION
TO DRILL." Also enclosed is plat of 1-A location.

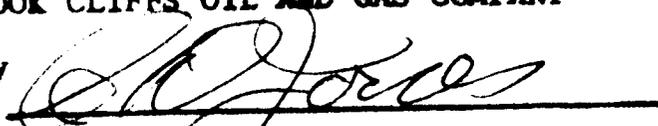
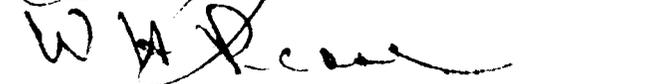
This is an unorthodox location requested
due to precipitous nature of topography and/or
untenability of access to center of legal subdivision.

Thank you for your cooperation.

Sincerely,

BOOK CLIFFS OIL AND GAS COMPANY

By

ks
enc.

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: **SALT LAKE CITY, UTAH**
SERIAL NO.: **UTAH 013696**

and hereby designates

NAME: **BOOK CLIFFS OIL AND GAS COMPANY**
ADDRESS: **412 Statler Center, 900 Wilshire Blvd.
Los Angeles 17, California**

as his operator and agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 17 South, Range 24 West, S. L. Mer., Utah
Sec. 7 E½NW½

Sec. 8 NW½

240 acres, more or less, Grand County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

BOOK CLIFFS OIL AND GAS COMPANY

By

H.W. Dougherty
H.W. Dougherty (nature of lessee) President

412 Statler Center, 900 Wilshire Blvd.
Los Angeles 17, California
(Address)

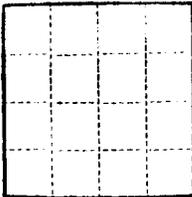
Dec. 7, 1960
(Date)

W. R. ...

SALT LAKE

(SUBMIT IN TRIPLICATE)

Land Office Utah 013696
Lease No. _____
Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

December 7, 1960

Well No. 1-A is located 774' North from Quarter Line and 80' East from the West Line
(NW 1/4 NW 1/4)
Section 8 17 South 24 East SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5129' 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)

Will be intended to drill thru the Castlegate as plus 1200 into
a sand at approximately 900 feet. Run 8 5/8 casing and cement
to surface. Air drill to Estrada if possible then Mud Up and
Complete, if productive. Estimated tops Buckhorn 520;
Castlegate 700; MS 4250; Ed 4350; NW 4440; Morrison 4470; Estrada
5100.

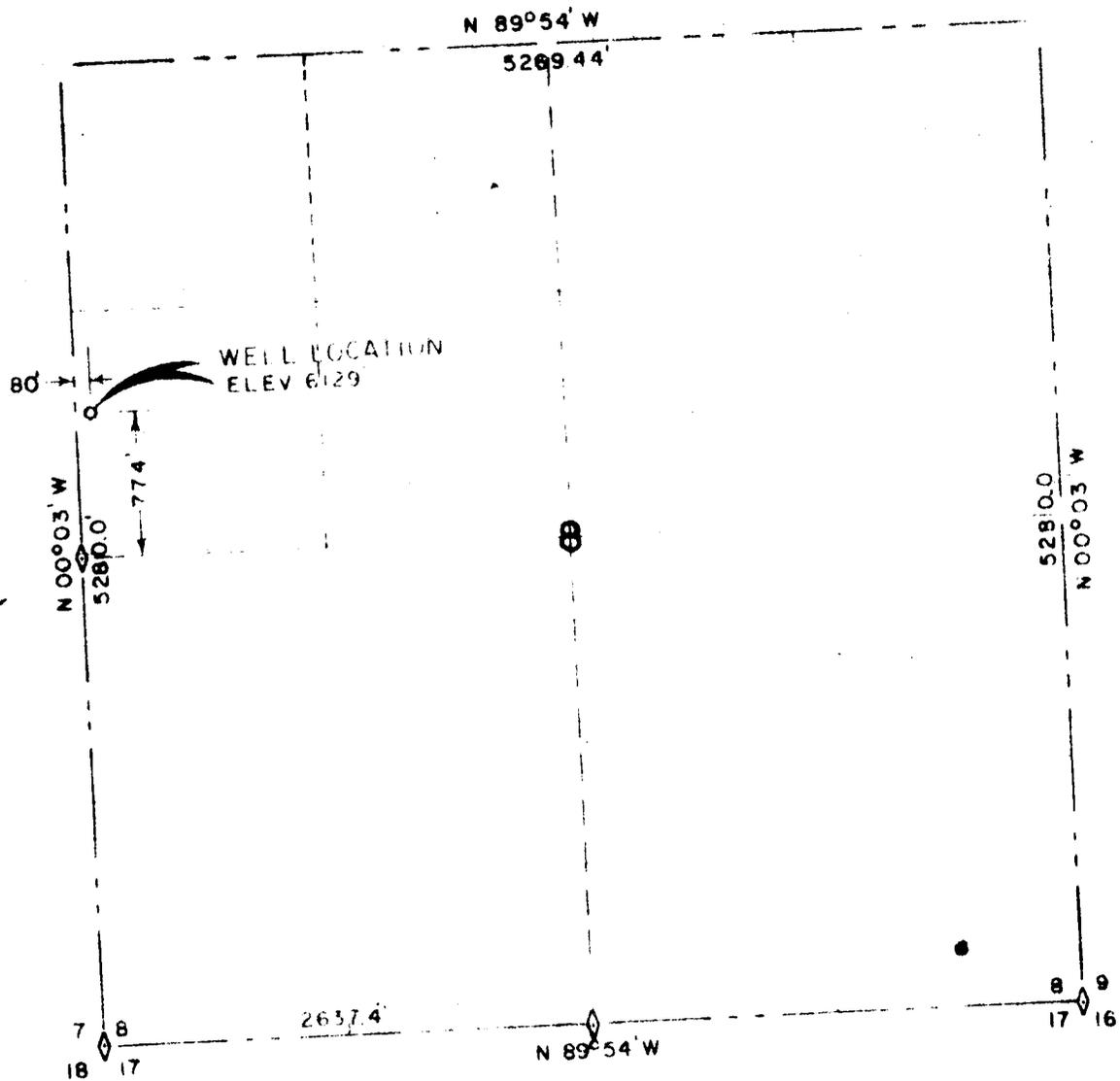
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company WILLARD PEASE DRILLING COMPANY
Box 1513
Address Grand Junction, Colorado

By [Signature]
Title President

WELL LOCATION

SW 1/4 NW 1/4 SECTION 8
T 17 S R 24 E SLB & M



Elevations referred to USGS datum.

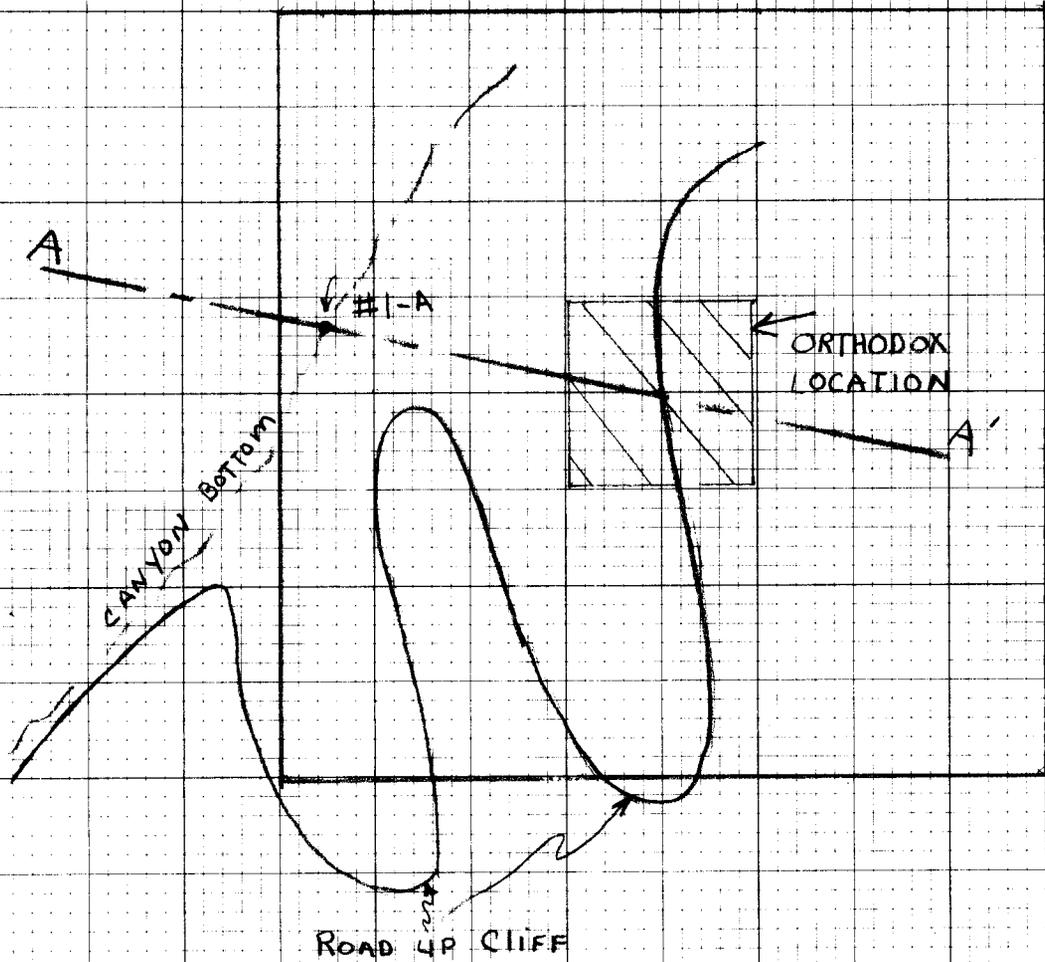
Richard J. Mandeville do hereby certify that the data was derived from notes of a field survey made under my supervision on Dec 1, 1960

Richard J. Mandeville
Registered Engineer & Land Surveyor

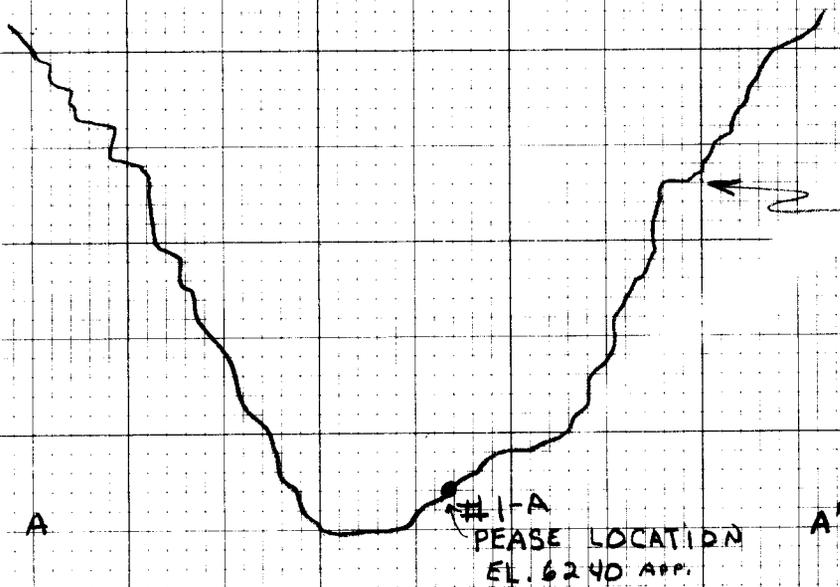
WESTERN ENGINEERS	
WELL LOCATION	
BOOKCLIFFS OIL AND GAS CO.	
BOOKCLIFF NO. 1-A	
GRAND COUNTY, UTAH	
SURVEYED	W.F.O.
DRAWN	F.B.F.
Grand Junction, Colo 12/1/60	

SW 1/4 NW 1/4 Sec 8 17S 24E

MAP VIEW



APPROXIMATE CROSS-SECTION A-A'



OIL INCS. PROPOSED
LOCATION ON
SIDE OF CLIFF
EL. APPROX 6568'



December 22, 1960

Willard Peace Drilling Co.
Box 1532
Grand Junction, Colorado

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Gov't. 1-A, which is to be located 77 $\frac{1}{2}$ feet north from the quarter line and 80 feet from the west line of Section 8, Township 17 South, Range 2 $\frac{1}{2}$ East, SLM, Grand County, Utah.

Please be advised that this location cannot be approved without a Hearing before the Commission.

This Hearing will be held in the Commission's Office on January 17, 1961, at 10:00 A.M. (Notice to follow).

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,
EXECUTIVE SECRETARY

CBF:ang

cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey

Mr. Claire Senior,
Attorney at Law

Mr. C. D. Jones,
Book Cliffs Oil & Gas Co.

H. L. Coonts - OGGC, Moab

BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF)	
BOOK CLIFFS OIL AND GAS COMPANY TO)	
DRILL A WELL IN THE NW¼SW¼ OF)	
SECTION 8, TOWNSHIP 17 SOUTH, RANGE)	<u>FINDINGS AND ORDER</u>
24 EAST, SLBM, AS AN EXCEPTION TO THE)	
REQUIREMENTS OF RULE C-3, GENERAL)	CAUSE NO. 47
RULES AND REGULATIONS AND RULES OF)	
PRACTICE AND PROCEDURE)	

The above cause came on regularly for hearing by the Commission on Tuesday, February 7, 1961. Clair M. Senior appeared for the Applicant, Book Cliffs Oil and Gas Company. Sheridan L. McGarry appeared for Oil, Incorporated (hereinafter referred to as "Protestant") in opposition to the granting of the Application. Evidence was presented on behalf of Applicant and on behalf of the Protestant.

FINDINGS

1. This is an Application of Book Cliffs Oil and Gas Company for permission to drill into the Entrada formation a well at a location in the SW¼NW¼, Section 8, T. 17S., R. 24E., SLM 774 feet north of the south line and 80 feet east of the west line of said quarter-quarter section subdivision, such location being hereinafter referred to as the "requested location."

2. The Commission has jurisdiction over the subject matter herein and notice of hearing has been given in all respects as required by law and the rules of the Commission.

3. Applicant's United States Oil and Gas Lease

Utah 013696 covers the E $\frac{1}{2}$ NE $\frac{1}{4}$, Section 7 and NW $\frac{1}{4}$, Section 8, T. 17S., R. 24E., SLM, Grand County, Utah. Said lands are within the exterior boundaries of the Westwater Unit Area (Unit No. 14-08-001-4737) but are not committed to the Unit Agreement. The remainder of said Section 7 is included within and is committed to said Unit. The E $\frac{1}{2}$ and the E $\frac{1}{2}$ SW $\frac{1}{4}$ of said Section 8 are in and are committed to the Bryson Canyon Unit Area (Unit No. 14-08-0001-7308). The W $\frac{1}{2}$ SW $\frac{1}{4}$ of said Section 8 is within said Bryson Canyon Unit Area but is not committed to said Unit Agreement.

4. Drilling units have not been established for the lands covered by Applicant's said lease or for any lands in that general area.

5. Applicant requests an exception from the Commission's General Rule C-3(b) upon the basis of topographical conditions. The requested location is more than 660 feet from any boundary of Applicant's lease.

6. Protestant urged that the location for the proposed well be not less than 500 feet from the south line and not less than 500 feet from the west line of said SW $\frac{1}{4}$ NW $\frac{1}{4}$ of said Section 8, such location being hereinafter referred to as the "alternative location."

7. The terrain and topography of the lands covered by Applicant's lease are rough and rugged and render it difficult to select a drilling location which can be utilized without unreasonable cost and expense. Because of differences in

surface elevations, drilling at the alternative location would require 342 to 378 feet additional drilling over that which would be required at the requested location in order to reach the top of the Entrada formation. In view of the additional drilling required and nature of the road which would have to be traversed to reach the alternative location, the costs of drilling and casing a well at the alternative location would substantially exceed those costs at the requested location. The costs of an access road to and the preparation of a drill site at the requested location would be approximately the same as the costs which would be entailed in necessary improvement of the existing road which passes near the alternative location and the preparation of the drill site at the alternative location. The road to the alternative location has steep grades and numerous sharp cut-backs and its use in unfavorable weather could be both hazardous and expensive.

8. Because of topographic conditions, the location of the well at the requested location is reasonably necessary. An escarpment in close proximity to the requested location may necessitate the moving of the well location as much as 50 feet from the requested location as specified in the Notice of Intention to Drill.

9. The Application should be granted and Applicant should be permitted to drill a well at the requested location or at a location within 50 feet thereof.

ORDER

IT IS, THEREFORE, ORDERED by the Oil and Gas Conservation Commission of the State of Utah that Book Cliffs Oil and Gas Company be and it is hereby permitted and authorized to drill a well at a location 774 feet north of the south line and 80 feet east of the west line of the SW¹/₄NW¹/₄, Section 8, T. 17S., R. 24E., SLM, or within 50 feet thereof.

IT IS FURTHER ORDERED that, if because of the proximity of the escarpment it proves necessary to move the location from the specific location referred to in the preceding paragraph, Applicant shall, in order that the Commission records may accurately show the location, file with the Commission an amended Notice of Intention to Drill, setting out specifically the location at which such well is to be drilled, it being understood that such location shall be not more than 50 feet from the said specific location set out in the preceding paragraph.

DATED:

THE OIL AND GAS CONSERVATION
COMMISSION OF THE STATE OF UTAH

Walter G. Mann,
Commissioner Presiding

C. R. Henderson, Chairman

C. S. Thomson, Commissioner

M. V. Hatch, Commissioner

February 14, 1961

Willard Pease Drilling Co.
Box 1532
Grand Junction, Colorado

Attn: Mr. W. H. Pease, President

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Gov't. 1-A, which is to be located 774 feet north from the quarter line and 80 feet from the west line of Section 8, Township 17 South, Range 24 East, Grand County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted in accordance with the Order issued in Cause #47, in a Hearing held on February 7, 1961. However, this approval is subject to the stipulation in said Order, that should it become necessary to move this well location, it shall not be moved more than 50 feet from the said specific location set out in the preceding paragraph.

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

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,
EXECUTIVE SECRETARY

CBF:avg

cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey

Mr. Claire M. Senior,
Attorney at Law

Mr. C. D. Jones,
Book Cliffs Oil & Gas Co.

H. L. Coonts - OGCC, Moab

FOLD MARK

8 5/8	1412	350	Halliburton

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 -0- feet to 5865 feet, and from feet to feet

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

DATES

....., 19..... Put to producing shut in 3-22, 1961

The production for the first 24 hours was barrels of fluid of which% was oil;% emulsion;% water; and% sediment. Gravity, °Bé. 1.604

If gas well, cu. ft. per 24 hours 2320 MCF/D Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1076 PSIG

EMPLOYEES

George Ginder Driller George Homedaw Driller

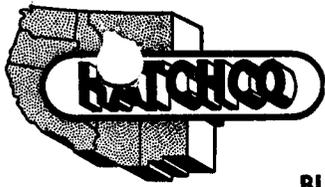
R. T. Morris Driller John Bartman Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>-0-</u>	<u>1000</u>	<u>1000</u>	<u>Mesa Verda</u>
<u>1000</u>	<u>4910</u>	<u>3910</u>	<u>Mancos Shale</u>
<u>4910</u>	<u>5080</u>	<u>170</u>	<u>Dakota</u>
<u>5080</u>	<u>5840</u>	<u>760</u>	<u>Morrison</u>
<u>5840</u>	<u>5865</u>	<u>25</u>	<u>Entrada</u>

(OVER)
FORMATION RECORD—Continued

MAR 27 1961



PHONE / -5511
WOODS CROSS, UTAH

TRANSPORTATION
BULK - TANK - COMMODITIES

I called Willard Pease's
office in Grand Junction
3/17/61, and the
secretary said they
would forward copies
of all sundry notices
on this well + a
NID on the Castlegate
well

R L L

Copy to HC 178

Budget Bureau No. 42-R388.4
Approval expires 12-31-60.

Form 9-331a
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake
Lease No. Utah 013696
Unit Westwater

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

X				

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

....., 1961
 Well No. 1-A is located 77 1/4 ft. North from 1/4 line and 80 ft. East from the West line
NW SW NW 17 S 24 East SIM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Westwater Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6136 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)

It is intended to run 5 1/2" 15.50# 8 rd thread range casing 5,800' and cement same with 275 sacks Ideal regular cement. Then after 24 hrs. WOC it is intended to perforate the morrison formation and swab test the well.

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

Company Willard Pease Drilling Co.
 Address Box 1532
Grand Junction, Colo.
 By W H Pease
 Title President

Land Office Salt Lake
Lease No. Utah 013696
Unit Westwater

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

X			

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 REPAIR	X	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)

Well No. 1-A is located 774 ft. ~~from~~ ^{North from} 1/4 line and 80 ft. ~~from~~ ^{East from the} West line of sec. 8 ^{3/9/}, 19 61

NW SW NW 17S 24 East S1M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Westwater Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6136 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)

5 1/2" casing was run to 5,805'. The weight is 15.50# 8 rd. thread, range 2. This casing was cemented with 275 sacks Ideal regular cement. It is intended to wait 24 hrs. on cement and then perforate from 5,206' to 5,224'; 5,224' to 5,234'; 5,240, from 5,107' to 5,130' and from 5,132' to 5,136 using two holes per ft. After perforating the well will be tested for bottomhole pressures and flowing rate.

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

Company Willard Pease Drilling Co.
Address Box 1532
Grand Junction, Colo.
By W. H. Pease
Title President

WILLARD PEASE DRILLING CO.

Box 1532 2457 Durham St. Ph. CH 2-0147

GRAND JUNCTION, COLORADO

March 20, 1961

Mr. Clean B. Feight, Executive Secretary
The State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Dear Mr. Feight:

Please find enclosed the following Notices and Reports on Wells, which we have filed with the U. S. Government office in Salt Lake City.

1-A Well:

Notice of intention to drill 2 copies
Notice of intention to run casing 2 copies
Notice of intention to shoot and Subsequent report
of Altering casing 2 copies

1-B Well:

Notice of intention to drill 2 copies

These are in compliance with your telephone conversation of March 17, 1961

Very truly yours,

WILLARD PEASE DRILLING CO.

By

W. H. Pease

WHP/Mrj
Enc. 4

Ref. #157

U. S. LAND OFFICE **Salt Lake**
SERIAL NUMBER **013696 Lease No.**
LEASE OR PERMIT TO PROSPECT

State

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Willard Pease Drilling Co. Address Box 1532, Grand Junction, Colo.
 Lessor or Tract 013696 Utah Field W. C. State Utah
 Well No. 1A Sec. 8 T. 17S R. 24 E Meridian SLM County Grand
 Location 774 ft. N. of 1/4 Line and 80 ft. E. of W Line of Sec. 8 Elevation 6129
(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 W. H. Pease
Date 5/31/61 Title President

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

Commenced drilling 2-19-61, 19___ Finished drilling 3-12, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1290 to 1300 No. 4, from 5450 to 5520
 No. 2, from 5096 to 5132 No. 5, from _____ to _____
 No. 3, from 5202 to 5220 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-	
<u>8 5/8</u>	<u>21</u>	<u>8</u>	<u>CRT</u>	<u>100</u>	<u>100</u>	<u>5132</u>	<u>5132</u>	<u>5132</u>	<u>Two holes per ft.</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>1412</u>	<u>350</u>	<u>Halliburton</u>		
<u>5 1/2</u>	<u>5805</u>	<u>275</u>	<u>Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

FOLD MARK

8 5/8 5 1/2	1412 5805	350 275	Halliburton Halliburton
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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 ~~0~~ feet to **5865** feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

DATES

....., 19..... Put to producing ~~.....~~ **Shut in 3-12**....., 19**61**
 The production for the first 24 hours was barrels of fluid of which% was oil;%
 emulsion;% water; and% sediment. Gravity, °Bé. **.604**
 If gas well, cu. ft. per 24 hours **2320MF/D** Gallons gasoline per 1,000 cu. ft. of gas
 Rock pressure, lbs. per sq. in. **1076**

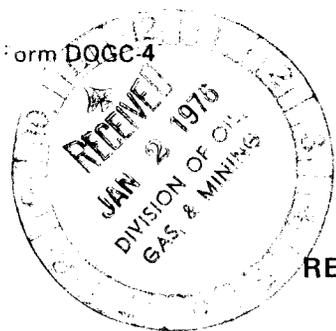
EMPLOYEES

George Ginder....., Driller **George Homedew**....., Driller
R. T. Morris....., Driller **John Bartman**....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1000	1000	Mesa Verda
1000	4910	3910	Mancos Shale
4910	5080	170	Dakota
5080	5840	760	Morrison
5840	5865	25	Entrada
			Dakota -- 5000
			Cedar Mtn -- 5080'
			Morrison -- 5240'
			Entrada -- 5840'
FROM—	TO—	TOTAL FEET	FORMATION

1961



K

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE SALT LAKE CITY, UTAH 84116 328-5771

State Lease No. Federal Lease No. 013696 Indian Lease No. Fee & Pat.

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Grand FIELD/LEASE Westwater

The following is a correct report of operations and production (including drilling and producing wells) for the month of: November, 1975

Agent's Address Box 548 Grand Junction, Colorado 81501 Phone No. 303 242-6912

Company Willard Pease Drilling Co. Signed [Signature] Title Treasurer

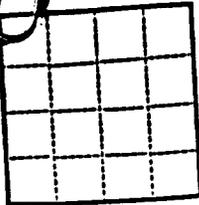
P

Table with 10 columns: 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. Row 1: 8 SW NW, 17S, 24E, 1A, -, -, -, -, -, -, Shut in

GAS: (MCF) Sold none Flared/Vented none Used On/Off Lease none

OIL or CONDENSATE: (To be reported in Barrels) On hand at beginning of month Produced during month Sold during month Unavoidably lost Reason: On hand at end of month

Form 9-851a
(Rev. 7-81)



(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lead Office
RECEIVED
Leave No.

Date **MAY 28 1985**

DIVISION OF OIL
GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

April 9, 1985

Well No. _____ is located _____ ft. from $\begin{Bmatrix} N \\ S \end{Bmatrix}$ line and _____ ft. from $\begin{Bmatrix} E \\ W \end{Bmatrix}$ line of sec. _____
 Sec 7, T17S, R24E E $\frac{1}{2}$, NE $\frac{1}{4}$
 Sec 8, T17S, R24E W $\frac{1}{2}$, NW $\frac{1}{4}$ & S $\frac{1}{2}$, NW $\frac{1}{4}$ (Meridian)
 (1/4 Sec. and Sec. No.) (Twp.) (Range) Utah
 Westwater Field Grand County (County or Subdivision) (State or Territory)
 (Field)

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

Willard Pease
To Correct Designation of Operator from Trend Oil Company to H. W. Dougherty. The original designation was made in error.

~~43019 1020 OKTA 20~~
 Castlegate #12 20013 CSLGT 21 ✓ } N 1020 Old
 Lout 1-A 15397 CSLGT 2543 ✓ } N 9700 New
 Lout 1-B 15395 " 2544 ✓ }

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

Company H. W. Dougherty
 Address 77 No. Oak Knoll Ave., #103
Pasadena
California 91101

By *H. W. Dougherty*
 H. W. Dougherty
 Title Operator

James G. Routson P.E.
4751 Box Canyon Road
Billings, Montana 59101
Phone: (406) 245-8797

Consulting
Petroleum
Engineer

June 3, 1985

To: Bureau of Land Management
P.O. Box 970
Moab, Utah 84532
attn: Paul Brown

RECEIVED

JUN 06 1985

DIVISION OF OIL
GAS & MINING

re: Trend Oil Company
Govt. No. 1A
SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 8-T17S-R24W
Grand Co., Utah
Lease No. U-013696

Dear Paul,

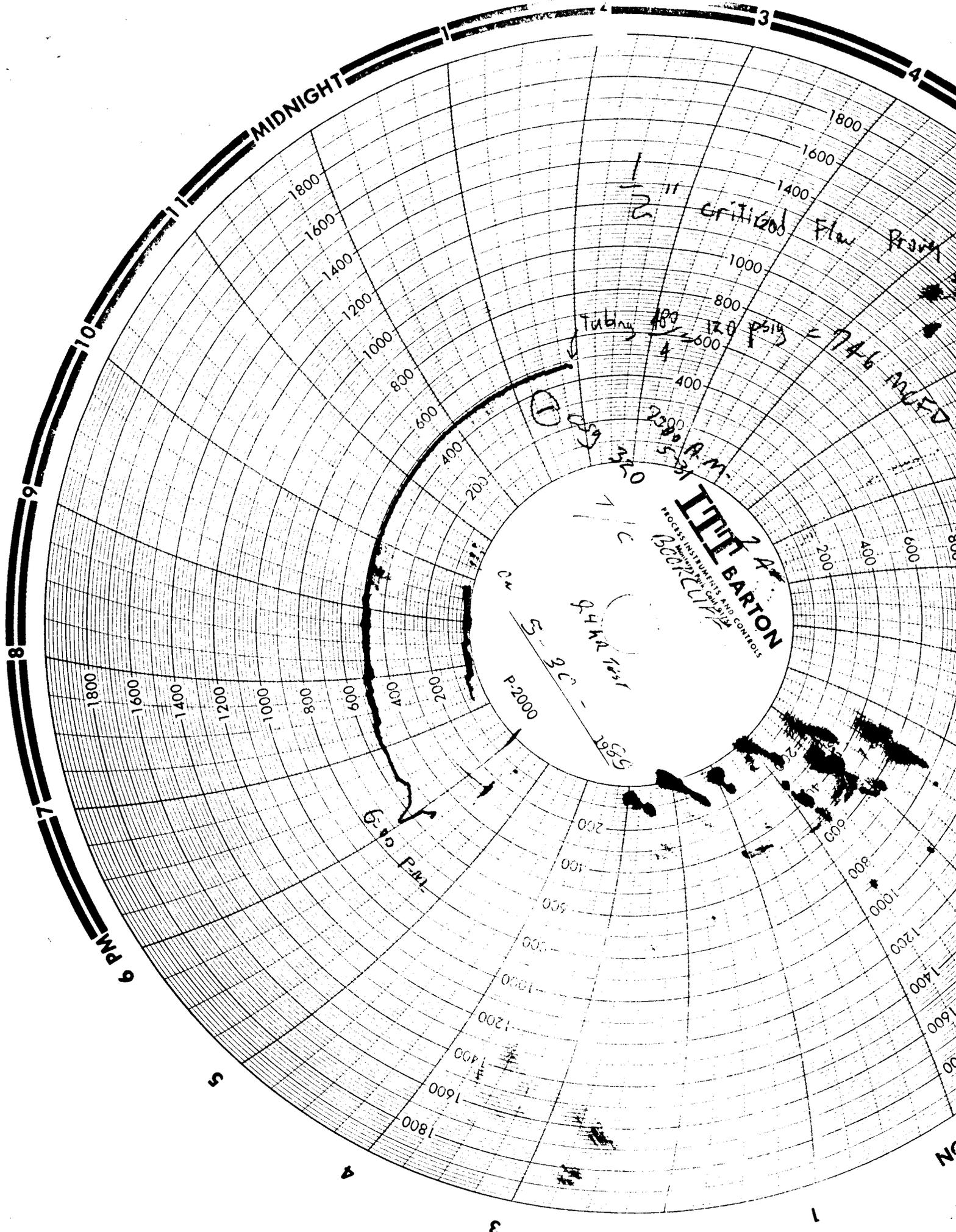
Enclosed for your records are three copies of a Sundry Notice detailing work recently done on the above referenced well. Also enclosed is a copy of the pressure recorder chart from a 13 hour flowing test. Please note that the pressure was recorded on a 2000 psi chart with a 500 psi spring, so the actual flowing pressure at the end of the test was $480 \div 4 = 120$ psig. On a $\frac{1}{2}$ " orifice this is a rate of 746 MCFD. The casing pressure recording pen ran out of ink; however, the casing pressure was 270 psi at the start of the test and 320 psi at the end of the test. We hope to return the well to production as soon as a contract can be negotiated. A separator has been ordered and should be delivered in late July. If you need any more engineering information please contact me at 406-245-5077. If you need anything pertaining to surface work please contact Dave Terrell at 303-858-3364. If it is necessary to lay a new pipeline Ken Currey will probably handle the ROW work.

Yours Very Truly,



James G. Routson

XC: Trend Oil Company
Dave Terrell
Utah Oil & Gas Commission ✓



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TI
(Other instruct.
verse slide)

CATE*
OR FE

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U- 013696

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

none

8. FARM OR LEASE NAME

Federal

9. WELL NO.

Govt. No. 1A

10. FIELD AND POOL, OR WILDCAT

Bryson Canyon Field

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

SW $\frac{1}{4}$ NW $\frac{1}{4}$ SEC 8-T17S-R24E SLBM

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Trend Oil Company

3. ADDRESS OF OPERATOR
77 N. Oak Knoll Ave., Pasadena, Ca. 91101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1846' FNL, 80' FWL, Sec.8

14. PERMIT NO.

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

6128 GL 6136 KB

12. COUNTY OR PARISH

Grand

13. STATE

Utah

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*

prepare old well for production X
(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.)

This well hadn't produced since July, 1974. Trend took over operations from Willard Pease Oil & Gas Co. and did the following work. PBD was found at 5298.58' KB, not 5175 as the most recent BLM records indicated. The 5 $\frac{1}{2}$ " production casing was tested to 2000 psig with both water and nitrogen and found to be free of any leaks. The Morrison perforations 5206-5240 swab tested a small amount of gas and approximately 1 BBL of water per hour. The static bottom hole pressure estimated from fluid level buildup is 738 psig. These perforations were left under a retrievable bridge plug set at 5151' KB, which is the current PBD. The perforations 5107'- 5136' tested a small amount of gas and minor amounts of water which appeared to be decreasing. These Dakota perforations were Foam fractured with 9000 # of 100 mesh sand, 45000 # of 20-40 mesh sand in 49798 gallons of 75Q foam. Average treating pressure down 2 3/8" tubing was 6000 psig. After flowing back to clean up the well was tested for 746 MCFD out a 1/2" orifice with 120 psig tubing pressure, 320 psig casing pressure. The shutin wellhead pressure is 500 psig. A separator has been ordered, a new contract is being negotiated, and the well will be returned to a producing status in the near future.

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

SIGNED

James G. Routson

TITLE Consulting Pet. Engineer

DATE June 3, 1985

James G. Routson
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Budget Bureau No. 1001-0113
Expires August 31, 1985

P 5

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.)

5. LEASE DESIGNATION AND SERIAL NO
U-013696

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
012908

7. UNIT AGREEMENT NAME
None

8. FARM OR LEASE NAME
Federal

9. WELL NO.
Govt. No. 1A

10. FIELD AND POOL, OR WILDCAT
Bryson Canyon Dakota

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
SW 1/4 NW 1/4 Sec. 8-T17S-R24E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Book Cliffs Oil & Gas Company

3. ADDRESS OF OPERATOR
2234 East Colorado Boulevard, Pasadena, California 91107

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1846' FNL, 80' FWL - Section 8

14. PERMIT NO.
43-019-15097

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
6128' GL, 6136' KB

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Notice of first delivery <input checked="" type="checkbox"/>	

(Other) Request confirmation of off lease metering

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

17. DESCRIBE PROPOSED OR COMPLETED WORK. Give 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.*

This well was returned to production at 9:30 A. M., 1-23-87, following a workover performed in May, 1985. Previous production had ceased in July, 1974. Production is being sold to Mesa Pipeline Co. via a line laid by Book Cliffs under ROW authorization No. U-58720. First production was reported to the BLM in Moab by S. H. Johnson on 1-23-87.

This Sundry Notice is also to request confirmation of off lease metering as approved in the ROW grant. The No. 1A is the only well being serviced by the line and meter run.

RECEIVED
JAN 28 1987
DIVISION OF OIL, GAS & MINING

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

SIGNED James R. Panton TITLE Consulting Petroleum Engineer DATE January 26, 1987

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

COMPANY: H. W. Dougherty UT ACCOUNT # N9790 SUSPENSE DATE: 013004

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: Cherie Johnson (Bookcliffs Oil: Gas)

CONTACT TELEPHONE NO.: 013-681-1980

SUBJECT: Pertaining to last Sunday from Bookcliffs. Need to know
who is the operator of well No: Golt 1-A Sec 8, 17S. 04E
43-019-15097

(Use attachments if necessary)

RESULTS: H. W. Dougherty is President of Bookcliffs Oil: Gas but,
H. W. Dougherty is operator of this well. Future Sunday
Notices which will be sent in may not be consistent by
using O names. interchanging

(Use attachments if necessary)

CONTACTED BY: J. S.

DATE: 1-30-87