

FILE NO. IS

File

Checked by Chief \_\_\_\_\_

Sheet \_\_\_\_\_

Copy N I D to Field Office

Map Pinned

Approval Letter

Checked

Disapproval Letter \_\_\_\_\_

I W R for State or Fee Land \_\_\_\_\_

COMPLETION DATA:

Date Well Completed \_\_\_\_\_

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

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

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

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

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

*Real Completion*

LOGS FILED

Driller's Log 11-20-61

Electric Logs (No. ) 2

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

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

3270 DKTA (9/24/60)

(VLD) Dual Compl

- DKTA } → unt. 1976  
- MRSN }

Jan - Dec 1975 - MRSN - SGW

Jan - Apr 1976 - MRSN - PA

Book Cliffs # 1 10-175-24E

8/19/60 Bryson No 1

8/22/60 AID approval (?)

9/60 Shut in

9/60 Shut in Cedar Mt & Brushy Basin

9/20/60 Water shut off - ran casing through cutlog into Mancos

9/24/60 Drilled to 4729 - Upper Morrison (Brushy Basin) - explosion  
intent to perf Brushy Basin AND upper & lower Dakota - Dual Compl

9/24/60 WCR ~~started~~ <sup>spudded 9/9/60</sup> finished drilling 9/24/60  
produce below 4500' - Morrison - tubing

9/28/60 Packer at 4500' " above 4500' - Dakota - annulus 2

10/4/60 Test - Morrison perms = 4538 - 4576

10/4/60 " - Dakota - perms = 4267 - 4392

10/60 Shut in

8/64 Repaired packer - installed dual tubing

1/11/75 Morrison tubing pulled - no gas prod.

9/75 Morrison Shut in - Dakota producing

1/76 Morrison PA - PA'd

2/76 " "

24 HR TEST  
MRSN = 8000 met  
DKTA = 7400 met

4/1/76

Monday was PAF  
prod now only from DKTA

4/77

version - start in  
DKTA - start in.

**WESTERN ENGINEERS**

1025 North 4th St. • P. O. Box 571 • Dial CH 2-5202  
GRAND JUNCTION, COLORADO

August 19, 1960

Mr. Robert L. Schmidt  
Utah Oil and Gas Commission  
310 Newhouse Building  
10 Exchange Place  
Salt Lake City, Utah

Dear Mr. Schmidt:

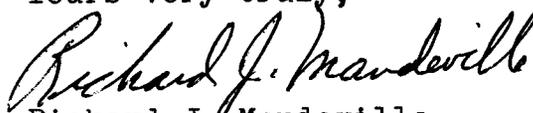
In accordance with a request by Mr. C.D. Jones of Book Cliffs Oil and Gas Company, I am writing to advise you of the topographic conditions affecting the location of their well, Book Cliffs No. 1, now being renamed Bryson No. 1. The location is 660 feet north of the south line and 1437.3 feet east of the west line of Section 10, Township 17 South, Range 24 East of the Salt Lake Base and Meridian.

As you probably realize, this location is in the bottom of a narrow canyon, with walls several hundred feet high and very steep. You had suggested that the location be moved some 83 feet East to comply with Utah spacing regulations. Such a move would place the well in the center of the main channel of the draw and if it is moved any further East, the canyon wall will make the cost of constructing the location prohibitive.

It is my opinion that an unorthodox location is justified at this location and I advised Mr. Jones of this opinion.

Enclosed herewith are two revised copies of the plat showing the location of Bryson Canyon No. 1 location (formerly Book Cliffs No. 1)

Yours very truly,

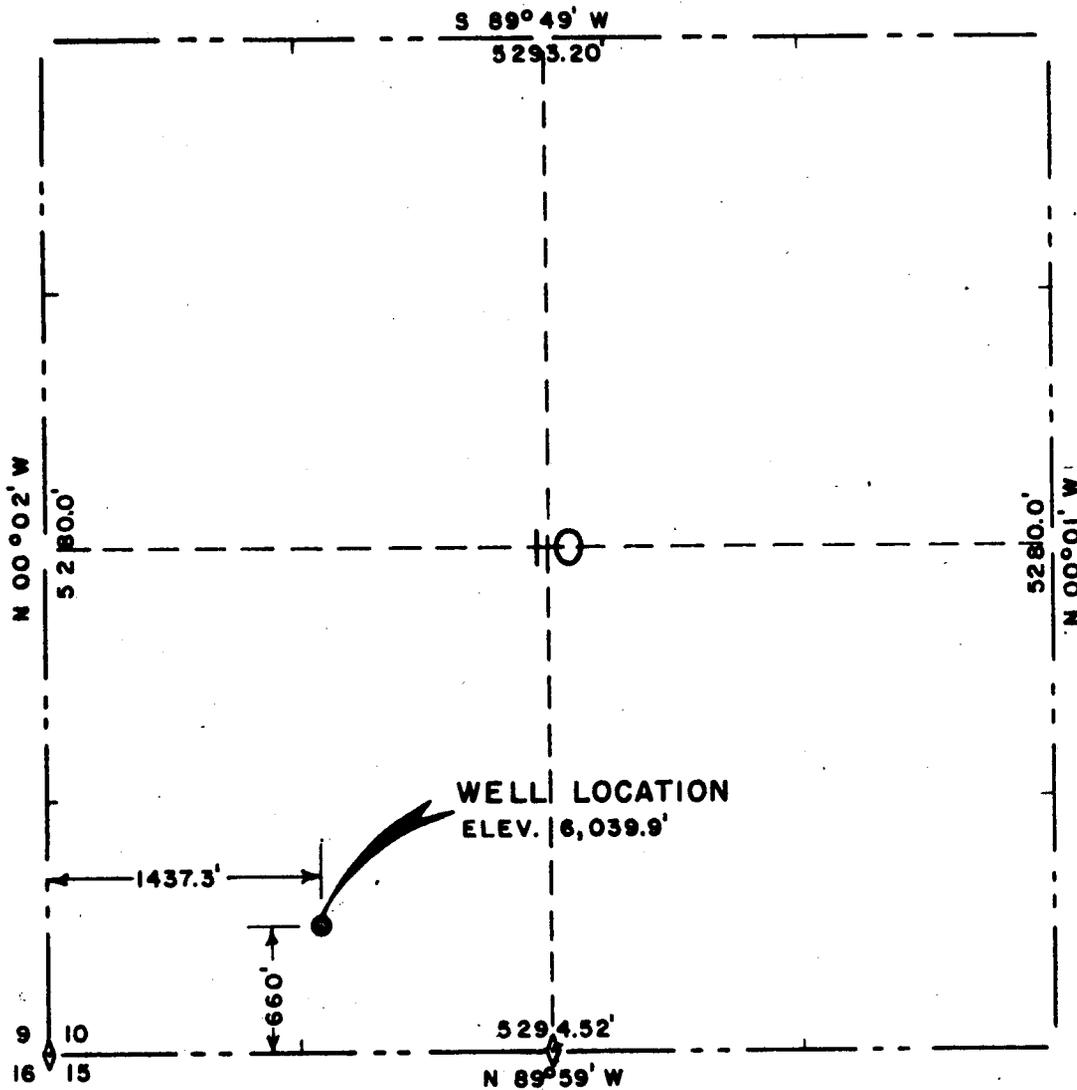
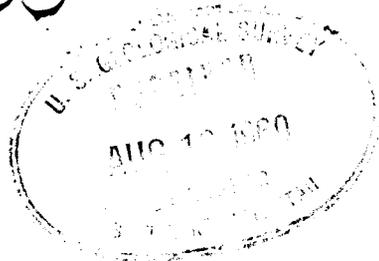
  
Richard J. Mandeville

RJM/cfp

Enclosure

cc: Mr. Donald E. Russel

WELL LOCATION  
 SW 1/4 SECTION 10  
 T 17 S R 24 E SLB & M



SCALE 1"=1000'

Elevations referred to USGS datum.

Note: This location is 430.7 feet lower in elevation than Shamrock East Canyon well and 227.4 feet higher than Oil Inc. E-2 (USGS - 5812.5)

I, Richard J. Mandeville do hereby certify that this plat was plotted from notes of a field survey made under my supervision on August 10, 1960.

*Richard J. Mandeville*  
 Registered Engineer & Land Surveyor



WESTERN ENGINEERS	
WELL LOCATION	
BOOK CLIFFS OIL AND GAS CO.	
BOOK CLIFFS NO. 1	
GRAND COUNTY, UTAH	
SURVEYED	...G. L. E. ....
DRAWN	...F. B. F. ....
Grand Junction, Colo. 8/18/60	

August 22, 1960

Trend Oil Company  
412 Statler Center  
900 Wilshire Blvd.  
Los Angeles 17, California

Attention: C. D. Jones, Vice President

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Bryson Canyon Unit #1, which is to be located 660 feet from the south line and 1437.3 feet from the west line of Section 10, Township 17 South, Range 24 East, SLEH, Grand County, Utah.

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

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

We are enclosing a copy of our General Rules and Regulations and Rules of Practice and Procedure, State of Utah Oil and Gas Conservation Commission, for your information.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

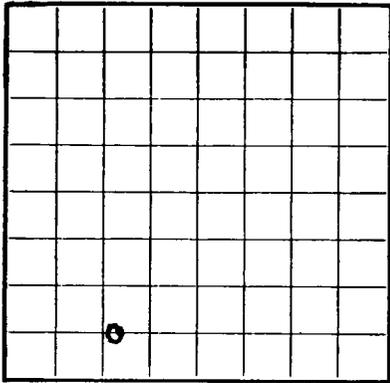
CLEON B. FEIGHT,  
EXECUTIVE SECRETARY

CHF:awg  
Enclosure

cc: Don F. Russell, Dist. Eng.  
U. S. Geological Survey  
Salt Lake City, Utah

14

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
Salt Lake City, Utah



LOCATE WELL CORRECTLY

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

LOG OF OIL OR GAS WELL

Operating Company Trend Oil Company Address 412 Statler Center, Los Angeles 17  
Lease or Tract. Government SL 071172 Field Wildcat State Utah Calif.  
Well No. 1 Sec. 10 T. 17S R. 24E Meridian SL County Grand  
Location 660 ft. <sup>[N.]</sup>~~[S.]~~ of S Line and 1437 ft. <sup>[E.]</sup>~~[W.]~~ of W Line of Section 10 Elevation 5743  
(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 C. D. Jones Title Vice Pres. and Gen. Mgr.

Date \_\_\_\_\_

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

Commenced drilling September 9, 19 60 Finished drilling September 24, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4320' to 4342 G No. 4, from 4600 to 4606 G  
No. 2, from 4548 to 4558 G No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 4544 to 4556 G No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from None 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—	
8 5/8		API seamless new	745'	Halliburton					Water string prod.
5 1/2	15.5		4579	"			4578	4538	
							4394	4370	
							4338	4324	
							4308	4303	
							4294	4288	
							4270	4264	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	745	300	Halliburton	10.6#	
5 1/2	4579	120	"	"	

PLUGS AND ADAPTERS

MARK 8

DL

**SHOOTING RECORD**

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

**TOOLS USED**

Rotary tools were used from 0 (mud) feet to 780 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Air tools were used from 780 feet to 4729 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
~~Cable~~

**DATES**

Date P & A \_\_\_\_\_, 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 8000MCF Morrison Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 7400 MCF Dakota Capped

**EMPLOYEES**

G. S. Campbell, Geologist, Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller Pease Drilling Company, Driller  
 \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
			At the end of complete Driller's Log add Geologic Tops. State whether from Electric Logs or samples.
			SEE SCHLUMBERGER
0	340		IES AND MICROLOG
340	400		Mesaverde
400	670		Sego ss
670	730		Buck Tongue sh
730	4145		Castlegate ss
4145	4235		L. Mancos sh
4235	4340		Dakota silt
4340	4460		Dakota interval ss and sh
4460	4729		L. Dakota (Cedar Mtn.) ss and sh
			Morrison ss and sh

[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 re-drilling, 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.

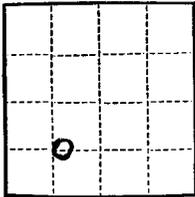
State whether electric logs were run.

Set Otis F A side door choke using "A" bypass nipple on tubing at 4500. To produce from below 4500 (Morrison) inside tubing and from above 4500 (Dakota) in annulus. Cammeron flange type head (Christmas Tree).

AWB

172

Form 9-331a  
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office UTAH  
Lease No. \_\_\_\_\_  
Unit BRISON CNYE

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
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 20, 1960, 19

Well No. 1 is located 660 ft. from N line and 1437.3 ft. from W line of sec. 10  
SW 10 17 South 24 East S1M  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Unit well Grand County Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. (being rechecked)

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)

Run 745 feet of 8 5/8" casing through Castlegate into Mancos shale. Cemented by Halliburton with 300 sx, September 10, 1960.

JK

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

Company Trend Oil Company

Address 900 Wilshire Blvd., Rm 412

Los Angeles 17, Calif

By G.S. Campbell

Title Geologist

SV

AWB

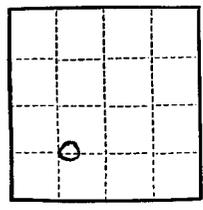
R22

Budget Bureau No. 42-R358.4  
Approval expires 12-31-60.

Form 9-331a  
(Feb. 1961)

(SUBMIT IN TRIPPLICATE)

Land Office UTAH  
Lease No. \_\_\_\_\_  
Unit BRYSON CRYN



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	
<u>Notice of intention to run production string</u>	

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

21 September, 1960

Well No. 1 is located 660 ft. from S line and 1437.8 ft. from EW line of sec. 10  
SW 10 17S. 24E. 31M  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
 Unit well Grand County, Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6139 ft. (being rechecked)

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)

Air drilled to 4729' in Upper Morrison (Brushy Basin). Dangerous gas pressures cut bicolor line. Had down hole explosion which severed 180' of drill collars (fish). Converted to mud & brot well under control. Top of fish 4622'. Ran Induction BS and microlog w/calibre logs 9-20-'60. INTEND to run 5 1/2" csg to 4576' w/ 500 ex. Then drill out plug, then perf Brushy Basin and upper and lower Dakota, then set packer in casing on Morrison top for dual completion.

28

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

Company Trend Oil Company  
 Address 900 Wilshire Blvd., Rm. 112  
Los Angeles 17, California  
 By G. S. Campbell  
 Title Geologist  
3 cys USGS  
1 cy State

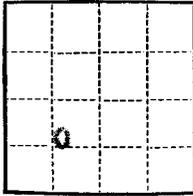
AV.

AWG

112

Form 9-331a  
(Feb. 1961)

Budget Bureau No. 42-R358.4.  
Approval expires 12-31-60.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. U-071172  
Unit Bryson Canyon

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.....		
	<u>Subsequent report of prod. casing</u>	X

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

September 28, 19 60

Well No. 1 is located 660 ft. from S line and 1437.7 ft. from W line of sec. 10

SN 10 (1/4 Sec. and Sec. No.)    17 S. (Twp.)    24 E. (Range)    Salt Lake (Meridian)  
Unit Well (Field)    Grand County (County or Subdivision)    Utah (State or Territory)

The elevation of the derrick floor above sea level is 5743.2 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)

Ran 4579' 5-1/2" new 15.5# casing September 22, 1960. Halliburton used 500 sacks to calculated 4050' point of cement top. Waited on cement. Drilled out plug (hole open with fish to 4729'), washed with clear water and scrubbed down to 2000' - gas began to flow estimated 1 MCF rate. Filled hole and perforated 4598-76' (Brushy basin). Set packer at 4500' and perforated 4370-92', 4324-38', 4303-08', 4288-94', 4264-70' (Dakota interval). Ran tubing with separation tool through packer to produce daily. Scrubbed down and flow began estimated 20 MMCFG.D. Shut in for extended flow test.

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

Company TREND OIL COMPANY  
Address 412 Statler Center  
Los Angeles 17, California

By C. D. Jones

Title Executive Vice President, General Manager.

394

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City  
LEASE NUMBER U-071172  
UNIT \_\_\_\_\_

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand Field Bryson Canyon Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 19 60

Agent's address 412 Statler Center Company Trend Oil Company

Signed \_\_\_\_\_

Phone \_\_\_\_\_ Agent's title Geologist

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)
10 SE SW 17 S 24 E			1	Shut	In Cedar Mountain and Brushy Basin lenses					
10 SE NW " "			2	Waiting re-completion						

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

----- **No pipeline** 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.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

Copy to HC RLS

REPORT OF OPERATIONS AND WELL STATUS REPORT

State UTAH County GRAND Field or Lease SL 071172

The following is a correct report of operations and production (including drilling and producing wells) for September, 19 60

Agent's address 412 Statler Center Company TREND OIL COMPANY, Operator  
900 Wilshire Blvd.  
Los Angeles 17, Calif. Signed *[Signature]*

Phone MA 4-3481 Agent's title President

State Lease No. \_\_\_\_\_ Federal Lease No. SL 071172 Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
SW 1/4 10	17S	24E	1					SHUT IN

28 44

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
SI-Shut In D-Dead  
GI-Gas Injection TA-Temp. Aban.  
WI-Water Injection

Memorandum

To: Mr. L. G. Truby  
From: Gas - Production Engineering Dept.  
October 4, 1960  
Farmington, New Mexico

Re: Back Pressure Test Data on the Trend Oil Company Well, Bryson Canyon Unit No. 1, Grand County, Utah. A dually completed Dakota - Morrison Well.

Test Data: Dakota Formation

Location . . . . . SW 1/4 Sec. 10, T-17-S, R-24-E  
Shut-in Pressure . . . . . SIPC - 1062 psig  
Absolute Open Flow . . . . . 6100 MCF/D at 15.025, 60° F  
for 0.60 gravity gas.

The absolute open flow was calculated by the Back Pressure Test Method, with data obtained as follows:

(1)	(2)	(3)	(4)
1/2" Plate	7/32" Plate	5/6" Plate	3/8" Plate
3896 MCF/D	1151 MCF/D	2088 MCF/D	2677 MCF/D
FPC 670 psig	FPC 983 psig	FPC 907 psig	FPC 830 psig
4 hours	1-3/4 hours	2-1/4 hours	2-1/2 hours

Producing Formation . . . . . Dakota, Perforated intervals from 4264' - 4392'  
Field . . . . . Wildcat

SULFUR CONTENT

H<sub>2</sub>S . . . . . Sweet  
Stimulation . . . . . Natural Completion

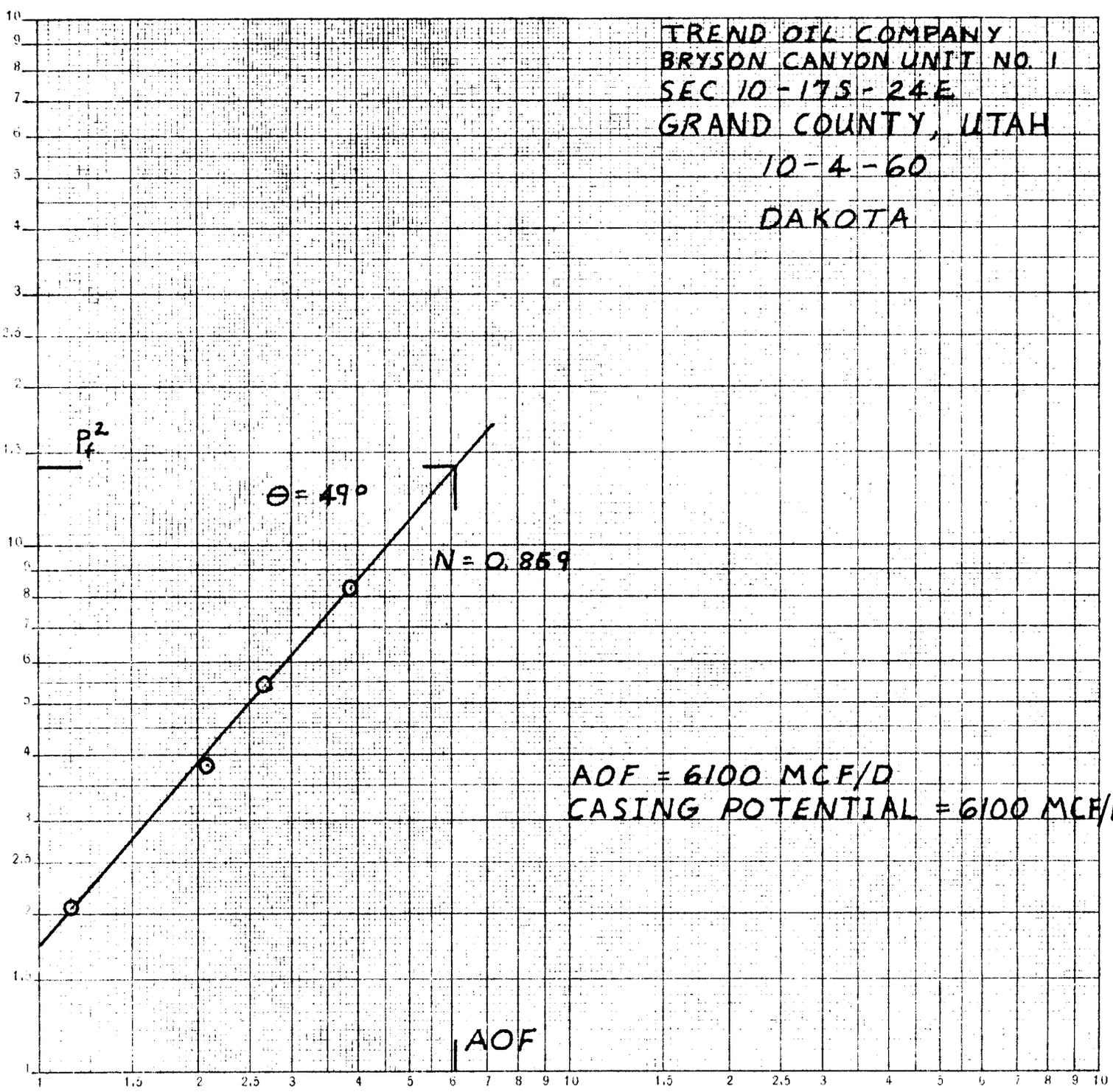
REMARKS:

Test points are based on Stabilized Volumes & Pressures. Well was tested on October 4th. & 5th., 1960 by W. D. Dawson, E.P.N.G. and witnessed by Mr. C. D. Jones, Trend Oil Company.

*Lewis D. Galloway*  
Lewis D. Galloway  
Sr. Gas & Production Engineer

LDG:bf  
cc: Mr. C. D. Jones, Trend Oil Co. (12)  
Mr. C. E. Pliley  
Mr. Gene Vermillion  
Mr. Ed. E. Alsup  
Mr. E. J. Coal, Jr.  
Mr. A. M. Derrick  
Mr. R. F. Lemon  
Mr. A. L. Hill  
File

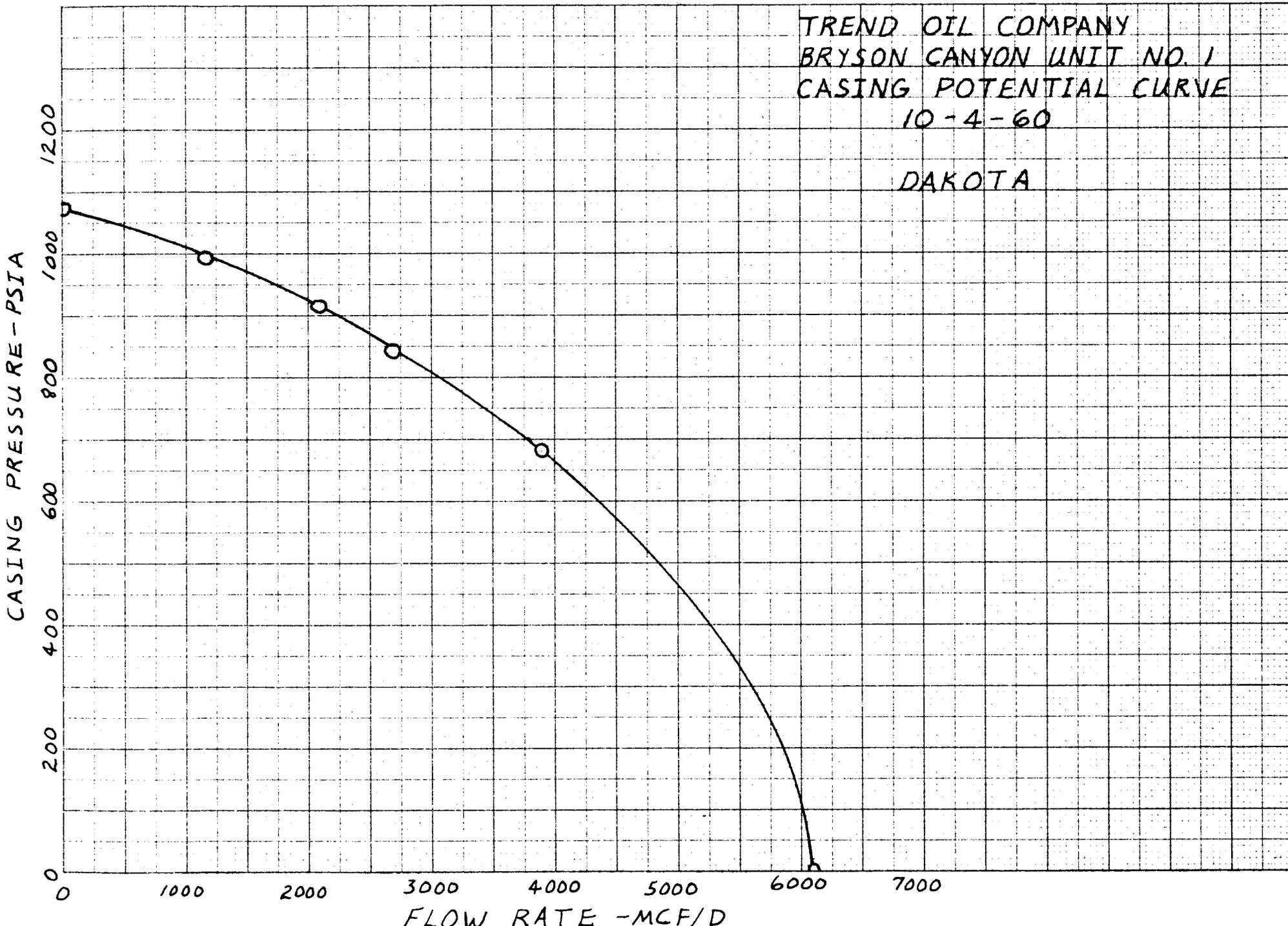
TREND OIL COMPANY  
 BRYSON CANYON UNIT NO. 1  
 SEC 10-17S-24E  
 GRAND COUNTY, UTAH  
 10-4-60  
 DAKOTA



539-110 KEUFFEL & ESSER CO.  
 Logarithmic 2 x 2 Cycles  
 MADE IN U.S.A.

TREND OIL COMPANY  
BRYSON CANYON UNIT NO. 1  
CASING POTENTIAL CURVE  
10-4-60

DAKOTA



EL PASO NATURAL GAS COMPANY

Memorandum

To Mr. L. G. Truby  
From Gas - Production Engineering Dept.

Date October 4, 1960  
Place Farmington, New Mexico

Re: Back Pressure Test data on the Trend Oil Company Well, Bryson Canyon Unit No. 1, Grand County, Utah. A dually completed Dakota - Morrison Well.

Test Data: Morrison Formation

Location . . . . . SW 1/4 Sec. 10, T-17-S, R-24-E  
Shut-in Pressure . . . . . SIPT - 1259 psig  
Absolute Open Flow . . . . . 7,200 MCF/D at 15.025, 60° F  
for 0.60 gravity gas.

The absolute open flow was calculated by the Back Pressure Test Method, with data obtained as follows:

(1)	(2)	(3)	(4)
3/16" Plate	1/4" Plate	5/16" Plate	7/16" Plate
1010 MCF/D	1686 MCF/D	2380 MCF/D	3685 MCF/D
FPT 1198 psig	FPT 1124 psig	FPT 1037 psig	811 psig
2 hours	2 hours	2-3/4 hours	2 hours

Producing Formation . . . . . Morrison, Perforated intervals from 4538' - 4576'  
Field . . . . . Wildcat

SULFUR CONTENT

H<sub>2</sub>S . . . . . Sweet  
Stimulation . . . . . Natural Completion

REMARKS:

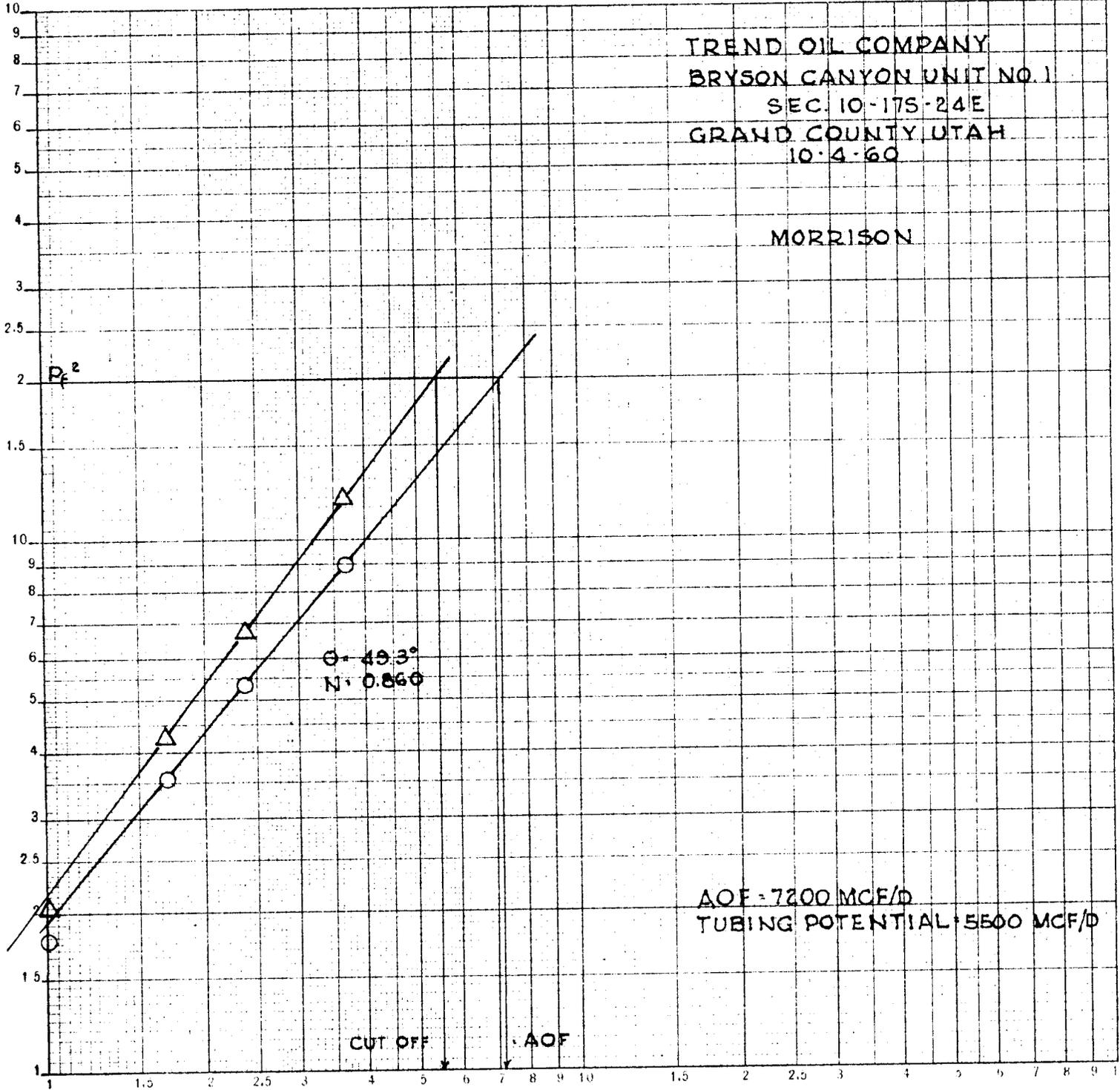
Test points are based on Stabilized Volumes and Pressures. Well tested by W. D. Dawson, E.P.N.G. and witnessed by Mr. C. D. Jones, Trend Oil Company on October 4th. & 5th., 1960.

Lewis D. Galloway  
Lewis D. Galloway  
Sr. Gas & Production Engineer

LDG:bf  
cc: Mr. C. D. Jones, Trend Oil Co. (12)  
Mr. C. E. Pliley  
Mr. Ed E. Alsup  
Mr. Gene Vermillion  
Mr. E. J. Coel, Jr.  
Mr. A. M. Derrick  
Mr. R. F. Lemon  
Mr. A. L. Hill  
File

TREND OIL COMPANY  
 BRYSON CANYON UNIT NO. 1  
 SEC. 10-175-24E  
 GRAND COUNTY, UTAH  
 10-4-60

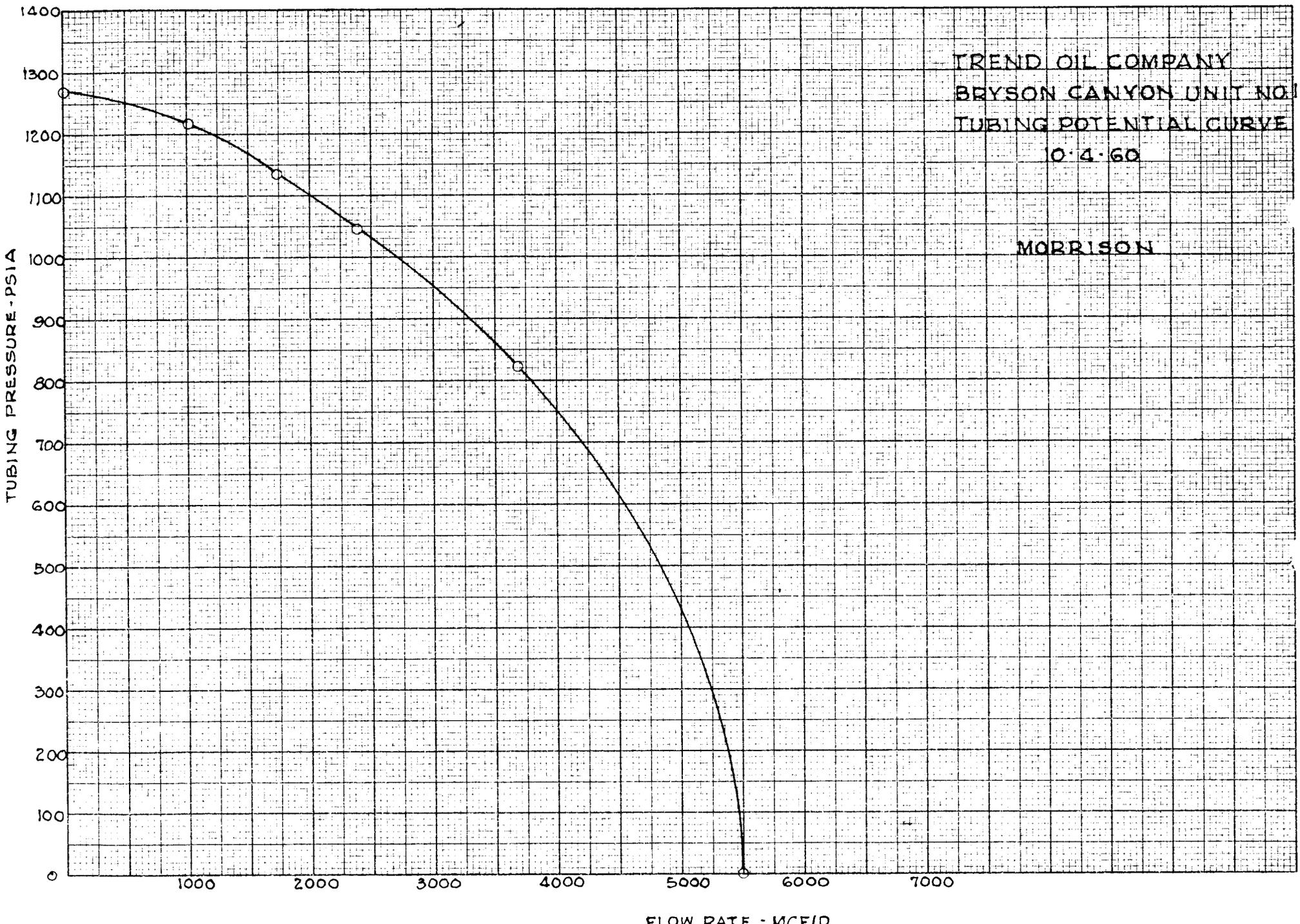
MORRISON



LOGARITHMIC 359-110  
 KEUFFEL & ESSER CO. MADE IN U.S.A.  
 2 X 2 CYCLES

AOI = 7200 MCF/D  
 TUBING POTENTIAL = 5500 MCF/D

CUT OFF      AOI



# CHEMICAL & GEOLOGICAL LABORATORIES

410 South Poplar St. ~~521 South Center St.~~ P. O. Box 279  
Casper, Wyoming

## GAS ANALYSIS REPORT

Field BRYSON CANYON Well No. BRYSON CANYON #1  
 Operator Trend Oil Company Location S.W. 1/4 Sec 10, T.17S. R.24E  
 Formation Im Dakota Depths \_\_\_\_\_ Lab. No. 15747-1  
 Analyzed by DS Date October 7, 1960  
 Remarks \_\_\_\_\_

### ORSAT ANALYSIS

	% by Volume
Oxygen	.....
Nitrogen	.....
Carbon dioxide	.....
Hydrogen sulfide	.....
Methane	.....
Ethane and higher	.....
Specific Gravity (calculated)	.....
Specific Gravity (observed)	.....
Gross B.t.u. per cu. ft. at 60° F. and 14.7 psia	.....

### PODBIELNIAK

#### Low Temperature Fractionation

	% by Volume	G. P. M.
Oxygen	0	
Nitrogen	4.06	
Carbon dioxide	0.46	
Hydrogen sulfide	0	
Methane	90.15	
Ethane	3.76	
Propane	0.80	0.219
Isobutane	0.27	0.088
N-butane	0.26	0.082
Isopentane	0.10	0.036
N-pentane	0.09	0.033
Hexanes & higher	0.05	0.023
TOTAL	100.00	0.481
Gross B.t.u. at 60° F. and 14.7 psia by Pod.		1026
Specific Gravity by Pod.		0.614
Specific Gravity by Weight		0.617

### HYDROGEN SULFIDE

(by Turwiler Method)

Grains of hydrogen sulfide per  
100 cu. ft. of gas at 60° F. and  
14.7 psia \_\_\_\_\_  
Percentage of hydrogen sulfide \_\_\_\_\_

### G. P. M.

Actual pentanes +	0.092
Calculated at 12 lbs.	-
Calculated at 15 lbs.	0.093
Calculated at 22 lbs.	0.107
Calculated at 26 lbs.	0.118
Vapor pressure (calculated) of actual pentanes +	14.58

Remarks and Conclusions: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# CHEMICAL & GEOLOGICAL LABORATORIES

410 South Poplar St. ~~521 South Center St.~~ P. O. Box 279  
Casper, Wyoming

## GAS ANALYSIS REPORT

Field \_\_\_\_\_ Well No. \_\_\_\_\_  
 Operator *Trend Oil Company* Location \_\_\_\_\_  
 Formation *KA Morrison* Depths \_\_\_\_\_ Lab. No. 15747-2  
 Analyzed by DS Date October 7, 1960  
 Remarks \_\_\_\_\_

### ORSAT ANALYSIS

	% by Volume
Oxygen	_____
Nitrogen	_____
Carbon dioxide	_____
Hydrogen sulfide	_____
Methane	_____
Ethane and higher	_____
Specific Gravity (calculated)	_____
Specific Gravity (observed)	_____
Gross B.t.u. per cu. ft. at 60° F. and 14.7 psia	_____

### HYDROGEN SULFIDE (by Tutwiler Method)

Grains of hydrogen sulfide per  
100 cu. ft. of gas at 60° F. and  
14.7 psia \_\_\_\_\_

Percentage of hydrogen sulfide \_\_\_\_\_

Remarks and Conclusions: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### PODBIELNIAK Low Temperature Fractionation

	% by Volume	G. P. M
Oxygen	0	
Nitrogen	0.44	
Carbon dioxide	0.62	
Hydrogen sulfide	0	
Methane	94.00	
Ethane	4.08	
Propane	0.61	0.167
Isobutane	0.13	0.042
N-butane	0.09	0.028
Isopentane	0.02	0.007
N-pentane	0.01	0.004
Hexanes & higher	0	-
TOTAL	100.00	0.248
Gross B.t.u. at 60° F. and 14.7 psia by Pod.		1046
Specific Gravity by Pod.		0.591
Specific Gravity by Weight		0.594

### G. P. M.

Actual pentanes +	0.011
Calculated at 12 lbs.	-
Calculated at 15 lbs.	-
Calculated at 22 lbs.	0.012
Calculated at 26 lbs.	0.013
Vapor pressure (calculated) of actual pentanes +	18.54

EL PASO NATURAL GAS COMPANY  
SAN JUAN LABORATORY  
GAS CHROMATOGRAPHY ANALYSIS

DATE OF RUN 10/12/60 ANALYSIS NO. VF 1822  
 SAMPLE FROM Trend Oil Company DATE SECURED 10/10/60  
 SAMPLE MARKED Bryson Canyon #1 SECURED BY Bill Dawson

COMPONENT	MOL. %	G. P. M.	LIQUID VOL. %	
Carbon Dioxide	0.20			<p style="text-align: center;">HEATING VALUE</p> <p style="text-align: center;">B. T. U. Per Cu. Ft.</p> <p>Wet Basis, 14.7 lbs./sq. in., 60° F. Calculated from % Composition <span style="float: right;">1022</span></p> <p>Calorimeter</p> <hr/> <p style="text-align: center;">SULPHUR CONTENT</p> <p style="text-align: center;">Grains Per 100 Cu. Ft.</p> <p>14.7 lbs./sq. in., 60° F. Hydrogen Sulfide <span style="float: right;">Nil</span></p> <p>Mercaptans <span style="float: right;">Nil</span></p> <p>Other</p> <hr/> <p style="text-align: center;">SPECIFIC GRAVITY</p> <p>14.7 lbs./sq. in., 60° F. Calculated from % Composition <span style="float: right;">0.607</span></p> <p>Gravity Balance</p>
Hydrogen Sulfide	Nil			
Nitrogen	2.91			
Methane	92.21			
Ethane	3.00			
Propane	0.72	0.197		
I-Butane	0.25	0.082		
N-Butane	0.27	0.085		
I-Pentane	0.15	0.055		
N-Pentane	0.12	0.043		
Hexane	0.17	0.074		
Totals	100.00%	0.536		

RUN BY: G. W. Ross

CHECKED BY: F. W. Sattler *[Signature]*

cc: LOCATION AND WELL DATA:  
SW/4 Sec. 10, T17S, R24E  
Grand County, Utah

H. L. Holder  
 Roy Pritchard  
 D. H. Tucker  
 L. D. Galloway  
 M. E. Blakely  
 A. M. Derrick  
 L. M. Parrish, Jr.  
 Gene Vermillion  
 C. D. Jones (6)  
 Trend Oil Co. (6)  
 File

Column/s used A & C, I (PE)  
 Calculation By Integrated Areas with physical corrections  
 Carbon Dioxide: Orsat  
 Hydrogen Sulfide: Lead Acetate  
 Formation: Morrison  
 Bomb Pressure:  
 Remarks:

EL PASO NATURAL GAS COMPANY  
SAN JUAN LABORATORY  
GAS CHROMATOGRAPHY ANALYSIS

DATE OF RUN 10/12/60 ANALYSIS NO. VF 1821  
 SAMPLE FROM Trend Oil Company DATE SECURED 10/10/60  
 SAMPLE MARKED Bryson Canyon #1 SECURED BY Bill Dawson

COMPONENT	MOL. %	G. P. M.	LIQUID VOL. %
Carbon Dioxide	1.00		
Hydrogen Sulfide	Nil		
Nitrogen	0.33		
Methane	94.84		
Ethane	2.97		
Propane	0.52	0.143	
I-Butane	0.11	0.036	
N-Butane	0.10	0.032	
I-Pentane	0.05	0.018	
N-Pentane	0.03	0.011	
Hexane	0.05	0.022	
Totals	100.00%	0.262	

HEATING VALUE  
B. T. U. Per Cu. Ft.

Wet Basis, 14.7 lbs./sq. in., 60° F.  
Calculated from % Composition 1019

Calorimeter

SULPHUR CONTENT  
Grains Per 100 Cu. Ft.

14.7 lbs./sq. in., 60° F.  
Hydrogen Sulfide Nil  
Mercaptans Nil  
Other

SPECIFIC GRAVITY  
14.7 lbs./sq. in., 60° F.

Calculated from % Composition 0.590  
Gravity Balance

RUN BY: G. W. Ross

cc: LOCATION AND WELL DATA:  
H. L. Holder SW/4 Sec. 10, T17S, R24E  
Roy Pritchard Grand County, Utah  
D. H. Tucker  
L. D. Galloway  
M. E. Blakely  
A. M. Derrick  
L. M. Parrish  
Gene Vermillion  
C. D. Jones \* (6) La Court Motor Hotel, Grand Junction, Colo.  
Trend Oil Co. (6) 412 Statler Center, Los Angeles, Calif.  
 File

CHECKED BY: F. W. Sattler *ent for FWS*

Column/s used A & C, I (PE)

Calculation By Integrated Areas with physical corrections

Carbon Dioxide: Orsat

Hydrogen Sulfide: Lead Acetate

Formation: Dakota

Bomb Pressure:

Remarks:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER SL 071172  
UNIT BRYSON CANYON

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand Field \_\_\_\_\_

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1960,

Agent's address 412 Statler Center Company TREND OIL COMPANY, operator  
900 Wilshire Blvd. Signed [Signature]  
Los Angeles 17, Calif. Agent's title President  
Phone MA 4-3481

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)
SW 1/4 10	17S	24E	1							SHUT IN

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.

8

L

Y

**TREND OIL COMPANY**      **NEW ADDRESS**  
**1001 PETROLEUM BUILDING**      **511 W. 7th Street**  
**714 W. OLYMPIC BLVD.**      **Los Angeles 17, Calif.**  
**LOS ANGELES 15, CALIFORNIA**

November 15, 1962

Mr. Cleon B. Feight, Exec. Secretary  
Utah Oil & Gas Conservation Com.  
310 Newhouse Bldg.  
10 Exchange Place  
Salt Lake City 11, Utah

Dear Mr. Feight:

Enclosed please find, in duplicate,  
monthly Report of Operations for July, August,  
September, and October 1962 on Wells #1 - #2 -  
5-A, 6-A, and No. 3, Grand County, Utah.

We wish to advise you that Wells  
1, 2, and 6-A were put on production November 10th,  
1962.

Very truly yours,

TREND OIL COMPANY

By

*H. Sweeney*  
\_\_\_\_\_

ks  
enc.  
air mail

**C. D. JONES**  
412 STATLER CENTER  
900 WILSHIRE BLVD.  
LOS ANGELES 17, CALIFORNIA

Utah Oil and Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City, Utah

Dear Sirs:

I am enclosing

1. Gas analysis on Bryson Canyon No.1
2. Potential open flow back pressure method by Vic Jones Sinalair Oil and Gas Co. gas tester.
3. Copy of approval of our designation of Unit
4. Notice of intention to drill unorthodox location No.5A with stipulations. Designation of operator and Bond # 239955 have previously been filed with the U.S.G.S.

Yours very truly

  
Vice President and General Manager

P.S. Please forward to The La Court Motel, Grand Junction, Colo.

POTENTIAL OPEN FLOW TEST - BACK PRESSURE METHOD

PRODUCER Trend Oil Company DATE OF TEST October 1, 1960  
 LEASE Bryson Canyon LOCATION SW/4 Section 10-17-S-24E  
 WELL NO. 1 FORMATION TESTED Morrison (4543') TO (4567')  
 PURCHASER Shut In PRODUCING STRING SIZE 2 3/8" WT. # SET AT ( )  
 BAROMETRIC PRESSURE 12 # SP.GR. (G) .648 DEPTH (L) 4555' (GL) 2952  $\sqrt{\text{GL}}$  24.36

VOLUME CALCULATIONS

TYPE MEASUREMENT	READING	FACTORS	READING	FACTORS	READING	FACTORS	READING	FACTORS
LINE SIZE	2" Critical Flow Prover	Inches						
ORIFICE SIZE	1/8	Inches	3/16	Inches	5/16	Inches	3/8	Inches
24 HR. BASE COEF.	MCF	6.301	MCF	14.47	MCF	39.77	MCF	56.58
SPECIFIC GRAVITY								
24 HR. CORR. COEF.	MCF		MCF		MCF		MCF	
GAS TEMPERATURE	63°F		65°F		72°F		74°F	
STATIC PRESSURE	1234 #	1246	1194 #	1206	1008 #	1020	890 #	902
DIFF. PRESSURE	"		"		"		"	
DELIVERY (PLOT)	MCF	426	MCF	946	MCF	2186	MCF	2744

PRESSURE CALCULATIONS

Pressure on sand due to weight of gas column at pressure  $P_1 = P_1(1 + 0.0000361 \text{ GLF})$

WELL HEAD PRESS. BAROMETRIC WELL HEAD PRESS. (1+0.0000361 GLF) PRESSURE ON SAND WITH  $P_f^2$   
 CASING OR TUBING PRESSURE POUNDS ABSOLUTE -FACTOR- WELL SHUT IN OR ( $P_s$ ) 1000  
1257 # + 12 # = 1269 # x 1.1078 = 1406 # #  
 1977

PRODUCING THRU	Tubing						
WELL HEAD WP(C)	1234 #G		#G	#G	#G	#G	#G
WELL HEAD WP(T)	1234 #G	1194 #G	1008 #G	890 #G			
BARO. PRESSURE	12 #A	12 #A	12 #A	12 #A			
$P_w$	1246 #A	1206 #A	1020 #A	902 #A			
F (FRICTION)	#A	#A	#A	#A			
$P_1$ OR ( $P_w + F$ )	1246.7 #A	1209.7 #A	1043 #A	942.6 #A			
WT. GAS COLUMN	#A	#A	#A	#A			
$P_s$ ( $P_1 + \text{WT. G.C.}$ )	1381 #A	1340 #A	1154 #A	1042 #A			
$P_f^2/1000$	1977 #A	1977 #A	1977 #A	1977 #A			
$P_s^2/1000$	1907 #A	1796 #A	1332 #A	1086 #A			
$P_f^2 - P_s^2$							
1000 (PLOT)	70 #A	181 #A	645 #A	891 #A			

POTENTIAL OPEN FLOW 8000 MCF PER 24 HRS. (15.025 BASE)

REMARKS: TD 4729'; Casing set @ 4680'; Tubing set @ 4680' / Packer set @ 4500'; Side Door Choke set @ 4460' / Perf from 4543' to 4567' with 4 shoots per foot. 2 3/8" tubing and 5 1/2" casing. Gr. Elev 5732'. Sample taken for Analysis. Third and Fourth points not considered due to the abnormal amount of liquid present during test. .7% CO2, H2S-Nil. Co-Nil. The liquid produced during test was water (very small amount) and condensate. K value on producing strings  
 TESTER: Vic Jones WITNESS: C. D. Jones Mon. 7 (545207)

$P_w$  Well head pressure in pounds absolute.  
 $P_1$  Well head pressure plus friction in pounds absolute.  
 $P_s$  Pressure on sand plus friction and weight of gas column in pounds absolute.

$P_f$  Pressure on sand while well is shut in plus weight of gas column in pounds absolute.  
 F Friction in the producing string.

POTENTIAL OPEN FLOW TEST - BACK PRESSURE METHOD

PRODUCER Trend Oil Company DATE OF TEST September 30, 1960  
 LEASE Bryson Canyon LOCATION Sw/4 Sec 10-17S-24E  
 WELL NO. 1 FORMATION TESTED Dakota ( 4257 ) TO ( 4390 )  
 PURCHASER Shut In PRODUCING STRING SIZE 5 3/8 " WT. # SET AT ( )  
 BAROMETRIC  
 PRESSURE 12 # SP.GR.(G) .612 DEPTH (L) 4323 ' (GL) 2046  $\sqrt{(GL)}$  21.44

VOLUME CALCULATIONS

TYPE MEASUREMENT	READING	FACTORS	READING	FACTORS	READING	FACTORS	READING	FACTORS
2" Critical Flow Prover								
LINE SIZE	1/8	Inches	3/16	Inches	5/16	Inches	3/8	Inches
ORIFICE SIZE		Inches		Inches		Inches		Inches
24 HR. BASE COEF.	MCF	6.301	MCF	14.47	MCF	39.77	MCF	50.28
SPECIFIC GRAVITY								
24 HR. CORR. COEF.	MCF		MCF		MCF		MCF	
GAS TEMPERATURE	65 °F		64 °F		65 °F		68 °F	
STATIC PRESSURE	1042 #	1054	1006 #	1018	907 #	919	828 #	840
DIFF. PRESSURE	"		"		"		"	
DELIVERY (PLOT)	MCF	371	MCF	814	MCF	2039	MCF	2644

PRESSURE CALCULATIONS

Pressure on sand due to weight of gas column at pressure  $P_1 = P_1(1+0.0000361 \text{ GLF})$

WELL HEAD PRESS. CASING OR TUBING	BAROMETRIC PRESSURE	WELL HEAD PRESS. (1+0.0000361 GLF) POUNDS ABSOLUTE	PRESSURE ON SAND WITH $P_f^2$ WELL SHUT IN OR ( $P_s$ )	$\frac{P_f^2}{1000}$
1080 #	+ 12 #	= 1092 #	X 1.0962 = 1197 #	1433

PRODUCING THRU	Casing						
WELL HEAD WP (C)	1042	#G	1006	#G	907	#G	828
WELL HEAD WP (T)		#G		#G		#G	
BARO. PRESSURE	12	#A	12	#A	12	#A	12
$P_w$	1054	#A	1018	#A	919	#A	840
F (FRICTION)		#A		#A		#A	
$P_1$ OR ( $P_w + F$ )	1054	#A	1018	#A	920.7	#A	843.2
WT. GAS COLUMN		#A		#A		#A	
$P_s$ ( $P_1 + \text{WT. G.C.}$ )	1155	#A	1116	#A	1009	#A	924
$P_f^2 / 1000$	1433	#A	1433	#A	1433	#A	1433
$P_s^2 / 1000$	1334	#A	1245	#A	1018	#A	854
$P_f^2 - P_s^2$							
1000 (PLOT)	99	#A	188	#A	415	#A	579

POTENTIAL OPEN FLOW 7400 MCF PER 24 HRS. ( 15.025 BASE)

REMARKS: TD 4729; Casing set @ 4680'; Tubing set @ 4680'; Packer set @ 4500'; Side Door Choke set @ 4460'; Perf from 4257 to 4390' with 4 shoots per foot, 23/81" tubing and 5 3/8" casing. Gr. Elev 5732'. Sample taken for Analysis. Second point not considered due to the present of water during test. Some water and mud produced during all points.

TESTER: Vic Jones

WITNESS: C. D. Jones

$P_w$  Well head pressure in pounds absolute.  
 $P_1$  Well head pressure plus friction in pounds absolute.  
 $P_s$  Pressure on sand plus friction and weight of gas column in pounds absolute.

$P_f$  Pressure on sand while well is shut in plus weight of gas column in pounds absolute.  
 F Friction in the producing string.

**TREND OIL COMPANY**

811 WEST 7TH STREET, ROOM 402  
LOS ANGELES, CALIFORNIA 90017  
MA 4-3481

September 9, 1964

Utah Oil and Gas Conservation Commission  
348 East South Temple  
Suite 301  
Salt Lake City, Utah

RE: Rework of Well No. 1  
Bryson Canyon, Utah  
Grand County, Utah

Gentlemen:

Enclosed please find copy of report of  
Rework on Well No 1, SL 071172, Bryson Canyon  
Unit, Grand County, Utah.

Very truly yours,

TREND OIL COMPANY

By *W. Sweeney*  
Secretary

ks  
enc.

Copy NHC

Copy KGW  
Copy NHC

Form 9-331  
(May 1963)

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE  
(Other instructions  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**SL 071172**

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**BRYSON CANYON UNIT**

8. FARM OR LEASE NAME

9. WELL NO.  
**No. 1**

10. FIELD AND POOL OR WILDCAT  
**BRYSON CANYON**

11. SEC., T., R., M., OR BLEK AND SURVEY OR AREA  
**SW 1/4 Sec. 10  
T. 17 S., R. 24 E.**

12. COUNTY OR PARISH 13. STATE  
**Grand County Utah**

**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.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**TREND OIL COMPANY**

3. ADDRESS OF OPERATOR  
**811 West 7th St., Room 402, Los Angeles, Calif. 90017**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**T. 17 S., R. 24 E., SML, Grand County, Utah  
Sec. 10 - 660' N of South Line and  
1437' E of West Line**

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

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 checked="" 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 checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(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.)\*

August 15, 1964 pulled 5400 ft. of 2 3/8 tubing and found the Baker packer leaking. Drilled out Baker packer and installed a new Baker 5 1/2 x 1 1/2 packer at 4,510' then we installed 5420ft. of 1 1/2" tubing to the top of Morrison sand. Then we installed 4370 ft. of 1 1/2" tubing to the Dakota sand and installed new Cameron Dual Christmas Tree and swabbed well in. We tested this well for six days for leaks and found it not leaking in the packer. The openflow test on the Morrison sand was 5060 MCF per day through 2". The openflow on the Baketa sand was 6000 MCF per day through 2". The shutin pressure for six days on the Morrison sand was 950 lb. The Dakota sand was 715 lb. Connected to Pipeline 9-3-64.

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

SIGNED L. J. Robinson TITLE \_\_\_\_\_ DATE 9/2/64

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

TREND OIL COMPANY

June 13, 1966

Mr. R. A. Smith  
District Engineer  
United States Geological Survey  
8416 Federal Building  
125 S. State Street  
Salt Lake City, Utah

Dear Sir:

Due to a curtailment in deliveries of gas to Mesa Pipeline Company, it will be necessary to shut in our wells delivering into said pipeline from June 16, 1966 to August 16, 1966. The following is a list of wells to be shut in:

<u>Bryson Canyon Unit #1 - Morrison</u>			
"	"	"	#1 - Dakota
"	"	"	#2 - Dakota
"	"	"	#3 - Dakota
"	"	"	#4A - Dakota
"	"	"	#9 - Dakota

This curtailment is occasioned by the reduced summer demand by Mountain Fuel Supply Company who purchases the gas from Mesa Pipeline Company. The minimum contract quantity is on a yearly basis and will be delivered.

If any additional information is needed regarding this shut down, please let us know.

Yours very truly,

TREND OIL COMPANY

By

  
\_\_\_\_\_

ks

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

5. LEASE DESIGNATION AND SERIAL NO.

SL 071172

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Bryson Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Bryson Canyon

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

Sec. 10 T17S 24E SL  
660' S.L. 1437 W.L.

12. COUNTY OR PARISH 13. STATE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL

DEEPEN

PLUG BACK

b. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

2. NAME OF OPERATOR

Trend Oil Company, Operator

3. ADDRESS OF OPERATOR

900 Wilshire Blvd., # 1024, Los Angeles, Calif. 90017

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

660' N of S Line and 1437' E of W Line

At proposed prod. zone

Dakota

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

60 miles

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)

1/2 miles

16. NO. OF ACRES IN LEASE

800 acres

17. NO. OF ACRES ASSIGNED TO THIS WELL

160 acres

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

1/2 mile

19. PROPOSED DEPTH

4456'

20. ROTARY OR CABLE TOOLS

Ranger work over

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

Gr level

22. APPROX. DATE WORK WILL START\*

1/5/75

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9"	8-5/8		745	40 bags
6-3/4"	5-1/2	15.5	4579	200 bags

This well had dual completion. Morrison was producing no gas. Pulled tubing out of well, Baker Model D was closed by check valve

When this well is depleted we will ask permission for plugging.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE 3-24-75

BY C. B. Feigle

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

24.

SIGNED

L. R. Robinson (e.c.)

TITLE

Field Man

DATE

1/11/75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

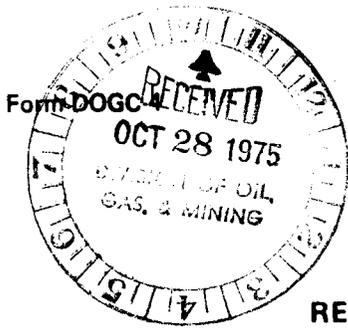
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

PI



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. ML 3323 Federal Lease No. SLO71172 - U 026 Indian Lease No. Fee & Pat.

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Grand FIELD/LEASE Bryson Canyon Unit

The following is a correct report of operations and production (including drilling and producing) for the month of: September 19 75

Agent's Address: 900 Wilshire Blvd. Suite 1024 Los Angeles, Ca. 90017 Phone No. (213) 624-3481

Company: Trend Oil Co. Signed: C. Brynnes for Emily Cooper Secretary

Table with columns: Sec. and X of X, 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. Includes entries for Morrison Zone (Shut In) and Dakota Zone (4845, 6305, 7880, 3660).

Gas Sold Flared/Vented Used on/off Lease

NOTE: There were no runs or sales of oil; 22,690 M. cu. ft. of gas sold; runs or sales of gasoline during the month.

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED IN DUPLICATE.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.  
LAND OFFICE Salt Lake City  
LEASE NUMBER \_\_\_\_\_  
UNIT Bryson Canyon

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand County Field Bryson Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1976,

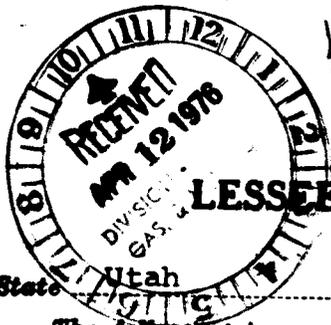
Agent's address 900 Wilshire Blvd., #1024 Company Trend Oil Co., Operator  
Los Angeles, Calif. 90017

Phone (213) 624 3481 Signed \_\_\_\_\_  
Agent's title Secretary

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>MORRISON PARTICIPATING AREA</u>										
SESW 10	17S	24E	1	0	0		0			Plugged and Abandoned

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no 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

Form approved  
Budget Bureau No. 43-2000-2  
LAND OFFICE Salt Lake City  
LEASE NUMBER  
UNIT Bryson Canyon

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand Field Bryson

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1976,

Agent's address 900 Wilshire Blvd., #1024 Company TREND OIL COMPANY, Operator  
Los Angeles, Calif. 90017

Phone (213) 624 3481 Signed E. Cooper Agent's title Secretary

WELL AND NO. OF WELLS	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)
<u>MORRISON PARTICIPATING AREA</u>										
SESW 10	17S	24E	1		0		0	0	0	Plugged and abandoned

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 43-21424

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.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Trend Oil Company, Operator

3. ADDRESS OF OPERATOR  
900 Wilshire Blvd., #1024, Los Angeles, Ca. 90017

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
660' N of S Line and 1437' E of W Line

5. LEASE DESIGNATION AND SERIAL NO.  
SL 071172

6. IF FEDERAL ALLOTMENT OR OTHER NAME

7. UNIT AGREEMENT NAME  
Bryson Canyon Unit

8. FULL OR LEASE NAME

9. WELL NO.

10. ZONE AND FOOT OF WELL  
Morrison Formation

11. SEC. & T. & R. OR AREA  
Sec 10 T17S R1E SL

12. COUNTY OR PARISH STATE  
Grand County Utah

14. PERMIT NO.

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

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT ON:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING <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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>			

(NOTE: Report results of multiple completion or Completion or Recompletion Report and Log for any

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.)

Well was dually completed Morrison and Dakota formations with perfs TD 4729' PB 4579'

Morrison 4578-4538' Dakota 4394-4264'

5 1/2 x 1 1/2 Baker Mod "D" Pkr @ 4510'

Was producing thru 1 1/2 tbg from each completion. Morrison completion had ceased and was plugged and abandoned. Morrison tbg string removed from packer.

Well now producing only from Dakota

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

SIGNED L. R. Robinson TITLE Field Man DATE 4/17/76

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



March 18, 1999

To: Carol

From: Vicky

RE: Bryson Canyon #1 - 43 019 16209

This well is in 3270 as DK-CM. We have old production from DKTA and also from MRSN. The well file states it was dual completed, produced from both zones until about January 1976 when the MRSN was plugged.

We are entering the production as reported with the following exception. From January through December 1975 we are entering MRSN as 0's - SGW. January through April 1976 we're going to show MRSN - PA. We have shut-in reports on MRSN for many months after that, but the 0's will not be entered.

The DKTA reports will be entered as reported, with no exceptions.



```

03/22/99          D E T A I L   W E L L   D A T A          menu: opt 00
api num:  4301916209      prod zone: DKTA          sec   twnshp   range   qr-qr
entity:   20      : BRYSON CYN U/DK-CM          10   17.0 S   24.0 E   SESW
well name: BRYSON CANYON 1
operator:  N1020 : TREND OIL CO                  meridian: S
field:     185      : BRYSON CANYON
confidential flag:      confidential expires:      alt addr flag:
          *** application to drill, deepen, or plug back ***
lease number:  SL-071172      lease type: 1      well type:      GW
surface loc:   0660 FSL 1437 FWL      unit name:  BRYSON CANYON
prod zone loc: 0660 FSL 1437 FWL      depth:      proposed zone:
elevation:     4729'      apd date:  600822      auth code:  C-3(C)
** completion information **      date recd:      la/pa date:
spud date:     600909      compl date: 600924      total depth: 4729'
producing intervals: 4264-4392'
bottom hole:   0660 FSL 1437 FWL      first prod: 600924      well status:  PGW
24hr oil:      24hr gas: 7400      24hr water:      gas/oil ratio:
          ** well comments:      directionl:      api gravity:
990322 DUAL COMPLETION-DKTA & MRSN;MRSN PA'D EFF 1/76;SEE MRSN PZ:

```

```

opt: 21 api: 4301916209 zone: DKTA date(yymm):      enty      acct:

```

```

03/22/99          D E T A I L   W E L L   D A T A          menu: opt 00
api num:  4301916209      prod zone: MRSN          sec   twnshp   range   qr-qr
entity:   20      : BRYSON CYN U/DK-CM          10   17.0 S   24.0 E   SESW
well name: BRYSON CANYON 1
operator:  N1020 : TREND OIL CO                  meridian: S
field:     185      : BRYSON CANYON
confidential flag: confidential expires: alt addr flag:
          *** application to drill, deepen, or plug back ***
lease number: SL-071172      lease type: 1      well type:      GW
surface loc:  0660 FSL 1437 FWL      unit name: BRYSON CANYON
prod zone loc: 0660 FSL 1437 FWL      depth:          proposed zone: MRSN
elevation:    4729'      apd date: 600822      auth code: C-3(C)
** completion information **      date recd:      la/pa date: 19760101
spud date:    600909      compl date: 600924      total depth: 4729'
producing intervals: 4538-4576'
bottom hole:  0660 FSL 1437 FWL      first prod: 600924      well status: PA
24hr oil:      24hr gas: 8000      24hr water:      gas/oil ratio:
          ** well comments:      directionl:      api gravity:
990322 DUAL COMPLETION-DKTA & MRSN;MRSN PA'D EFF 1/76;SEE DKTA PZ SCREEN:

```

```

opt: 21 api: 4301916209 zone: MRSN date(yyymm):      enty      acct:

```