

File

Sheet

Map Pinned

Card Indexed

IWR for State or Fee Land

✓
✓
✓

Checked by Chief

Checked by Chief

Copy NID to Field Office

Copy NID to Field Office

Approval Letter

Approval Letter

Disapproval Letter

Disapproval Letter

PWB
✓

COMPLETION DATA:

Date Well Completed

10-23-68

Location Inspected

Location Inspected

Bond released

Bond released

State of Fee Land

State of Fee Land

HKC

OW

WW

TA

GW

OS

PA ✓

LOGS FILED

Driller's Log

9-28-63

Electric Logs (No.)

2

E

I

E-I

GR ✓

GR-N

Micro

Lat

Mi-L

Sonic ✓

Others

Copy H. L. E.

COMPANY Curtis J. Little

Well Name & No. #1 Grayson

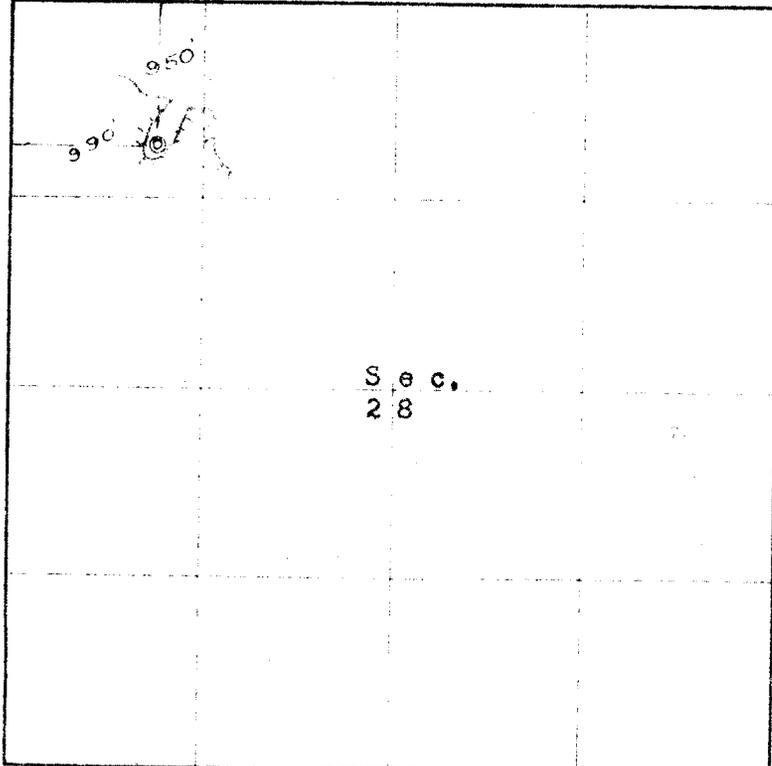
Lease No. 14-20-604-4279

Location 950 feet from the North line and 990 feet from the West line.

Being in NW1/4

Sec. 28, T38 S., R22 E., ~~W. 1/4~~ Salt Lake Meridian, San Juan County, Utah

Ground Elevation 5036



Surveyed June 30

1963

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Ernest V. Echohawk

Ernest V. Echohawk
Registered Land Surveyor
N. M. Reg. #1545
Utah Reg. No. 2611

17

16

15

Compass
1-20
Federal

20	El Paso Natural Gas Products	Duncan	21
3	2	8	7
US-056597		U-056490	
	Monsanto Chemical	Little Grayson	Monsanto Chemical
2	3	1	5
US-056597		IA-4279	IA-4279
29	3	2	4
	2	4	6
28			

22

T
38
S

Monsanto
Clark

27

Triton
Bluff Bench

9

Conoco
Fed. Carrier

32

33

34

8
R 22 E

U.S. ARMY ENGINEER DISTRICT, SACRAMENTO

CORPS OF ENGINEERS

FEDERAL & COURTS BLDG., 650 CAPITOL AVE.

P. O. BOX 1739, SACRAMENTO 8, CALIFORNIA

ADDRESS REPLY TO
DISTRICT ENGINEER

REFER TO SPKRC

14 AUG 1963

State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

Attn: Mr. Cleon B. Feight
Executive Director

Gentlemen:

We have been advised by Curtis J. Little, Consulting Geologist, 2929 Monte Vista Blvd., N.E., Albuquerque, New Mexico, that he proposes to drill a 6,100-foot test well in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 28, T38S, R22E, Salt Lake Meridian, San Juan County, Utah. It is indicated that the well will be started before 1 September 1963, and completed before 1 October 1963.

The proposed well lies within the Safety Area established for the Department of the Army "Pershing Service Test Requirements Off-Range Sites, Utah." There will be four exercises of 12 hours or less duration early in September 1963, and then none until June 1964. There will be a requirement to evacuate everyone in the Safety Area during each 12-hour exercise.

It would appear desirable on the part of all concerned to postpone the actual drilling of the well until the September 1963 exercises have been completed. Please advise me if your office can properly schedule the drilling after 1 October 1963. In any event, it would be appreciated if you would immediately notify this office when the Notice of Intention to Drill is filed by Mr. Little.

Sincerely yours,


CREED B. CARD
Chief, Real Estate Division

U.S. ARMY ENGINEER DISTRICT, SACRAMENTO
CORPS OF ENGINEERS
FEDERAL COURTS BLDG. 850 CAPITOL AVE.
P. O. BOX 1737, SACRAMENTO 8, CALIFORNIA

DISTRICT ENGINEER
ADDRESS REPLY TO

REFER TO SPBRC

14 AUG 1963

Little of [unclear]

[Handwritten signature]

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

Attn: Mr. Glenn B. Feight
Executive Director
putting - spudd -

AP Smith

of delay - 9 - 9

Gentlemen:

We have been advised by Curtis J. Little, Consulting Geologist,
222 Monte Vista Blvd., West, Albuquerque, New Mexico, that he proposes
to drill a 6,100-foot test well in the NW 1/4 Section 28, T38S, R22E,
Salt Lake Meridian, San Juan County, Utah. It is indicated that the
well will be started for September 1963 and completed before
1 October 1963.

The proposed well lies within the Safety Area established for the
Department of the Army "Perishing Service Test Requirements Off-Range
Sides, Utah." There will be four exercises of 15 hours or less duration
early in September 1963, and then none until June 1964. There will be
a requirement to evacuate everyone in the Safety Area during each 15-
hour exercise.

It would appear desirable on the part of all concerned to postpone
the actual drilling of the well until the September 1963 exercises have
been completed. Please advise me if your office can properly schedule
the drilling after 1 October 1963. In any event, it would be appreciated
if you would immediately notify this office when the Notice of Intention
to Drill is filed by Mr. Little.

Sincerely yours,

AUG 16 1963

CREED B. CARD
Chief, Real Estate Division

August 16, 1963

Jerry W. Long, District Engineer
U. S. Geological Survey
P. O. Box 1809
Durango, Colorado

Dear Jerry:

If the information in the attached letter is correct, I would recommend that we not grant Mr. Little approval to drill this well until after the Army Pershing missile test has been completed.

As this will not be the last time we will be faced with this problem, I think a policy for handling this type of situation should be adopted as soon as possible.

What do you think.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:cnp

Attachment

cc: Creed B. Card, Chief
Real Estate Division
U. S. Army Engineer District, Sacramento
Sacramento 8, California



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 1809
Durango, Colorado

August 27, 1963

Utah Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Attention: Mr. Cleon B. Feight

Gentlemen:

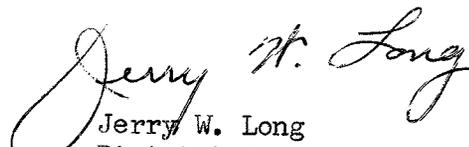
Reference is made to your letter of August 16, 1963, concerning the drilling of a well within the proximity of the Army Pershing test range.

I have not received a "Notice of Intention to Drill" for a location in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28, T. 38 S., R. 22 E. Neither have I been advised by the U. S. Army Engineers of a Safety Area for a proposed Pershing missile exercise.

I do not feel that we should postpone drilling operations at the location if the operator is ready to commence. The timetable for the exercises appears to be rather indefinite and the operator may be committed to start drilling by a certain date even though he may be required to evacuate for a 12-hour period. Since the operator is aware of the exercises, it may be that he will voluntarily postpone the drilling.

Unless serious conflictions arise, I would suggest that we consider each situation as it occurs. I do believe that it would be in order to advise the interested parties of conflicting activities in the area.

Sincerely yours,


Jerry W. Long
District Engineer

FILE IN DUPLICATE

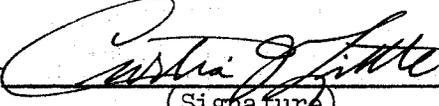
OIL & GAS CONSERVATION COMMISSION
OF THE STATE OF UTAH

DESIGNATION OF AGENT

The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations, and Rules of Practice and Procedure of the Oil and Gas Conservation Commission of the State of Utah, hereby appoint, W. J. O'Connor, Jr., whose address is 300 Desert Building, ~~79 S. Main, Salt Lake City, Utah~~, (his, ~~her or its~~) designated agent to accept and to be served with notices from said Commission, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation agent is filed in accordance with said statute and said regulations.

Effective Date of Designation September 10, 1963

Company Curtis J. Little Address 2929 Monte Vista, NE
Albuquerque, New Mexico
By  Title Operator
(Signature)

NOTE: Agent must be a resident of Utah.

H. A. E.

X			
		28	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency UTE MOUNTAIN
(Heirs of Clarence Cuthair,
Allen Canyon
Allottee #138
Lease No. 14-20-604-4279

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 REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING 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 10, 1963

Well No. GRAYSON 1 is located 950 ft. from N line and 990 ft. from W line of sec. 28

SE NW NW 28 38S 22E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

GRAYSON SAN JUAN UTAH
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is 5036 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)

Objective horizon: Pennsylvanian Ismay zone at 5880' and Desert Creek zone at 6000'.

Anticipated TD: 6100' thru base of Desert Creek.

Will drill 13-5/8" surface hole and set approximately 160' of 10-3/4" surface casing and cement to surface. Plan to cut a 50' core in lower Ismay 5880-5930 and drill stem test the cored interval. Plan to run 6000' of 4-1/2" casing J-55, 9-1/2 lbs. and cement with 75 sx and acidize with 1000 gals.

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

Company Curtis J. Little

Address 2929 Monte Vista, NE

Albuquerque, New Mexico

By *Curtis J. Little*

Title Operator

Curtis J. Little
CONSULTING GEOLOGIST
2929 MONTE VISTA BLVD., N. E.
TELEPHONE AM 8-8741
ALBUQUERQUE, NEW MEXICO

*area road
305*

September 11, 1963

Mr. Paul W. Burchell
Chief Petroleum Engineer
Utah Oil & Gas Conservation Commission
10 Exchange Place
Salt Lake City 11, Utah

Dear Mr. Burchell:

C. NNNW — Enclosed is survey plat and Form 9-331 showing notice of intention to drill the #1 Grayson. A telephone request for exception to rule 6-3 was made by Mr. E. R. Richardson on September 9th to you and it is my understanding that you approved the request of this exception location. The regular location fell along the canyon wall and would not have been practical to drill under the established Grayson Field rules. I enclose a map showing offset ownership. Monsanto, El Paso and Mr. Duncan have approved this location and, furthermore, by the drilling of the subject well, I earn an undivided one-half interest in all of the offset acreage.

I have this date had a telephone conversation with Mr. Arthur Alacorn, Logistics, White Sands Proving Ground, White Sands, New Mexico (whose phone is 4146 or 3205) and we have worked out complete and mutual agreement for the drilling crew to "come out of the hole" and go to a safety point two miles east of the drill site where they will be located at an armed forces sentry post until the firing is completed. They will then return to location and resume drilling operations. The first firing is scheduled for approximately 8 a.m. September 24, 1963.

If there is any additional information which you desire or require, please do not hesitate to contact me.

Yours very truly,


Curtis J. Little

CJL:ln
Encls.

cc Mr. Jerry W. Long
U. S. Geological Survey
Durango, Colorado

September 12, 1963

Curtis J. Little, Consulting Geologist
2929 Monte Vista Blvd. N. E.
Albuquerque, New Mexico

Dear Mr. Little:

This is to acknowledge receipt of your notice of intention to drill Well No. Grayson #1, which is to be located 950 feet from the north line and 990 feet from the west line of Section 28, Township 38 South, Range 22 East, SLBM, San Juan 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 #62, September 13, 1961, and Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission. However, this approval is conditional upon receiving a written consent to drill from Monsanto Chemical Company and Mr. Duncan.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
Office: DA 8-5771 or DA 8-5772
Home: CR 7-2890
Salt Lake City, Utah

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

Enclosed please find Form OGCC-8-X, which is to be completed

Curtis J. Little,
Consulting Geologist

-2-

September 12, 1963

if water sands (aquifers) are encountered while drilling, particularly assessable near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHE
EXECUTIVE DIRECTOR

CBF:cnp

cc: P. T. McGrath, District Engineer
U. S. Geological Survey
Farmington, New Mexico

H. L. Coonts, Petroleum Engineer
Oil & Gas Conservation Commission
Moab, Utah

MONSANTO CHEMICAL COMPANY

HYDROCARBONS DIVISION

PRODUCTION AND EXPLORATION DEPARTMENT
ROCKY MOUNTAIN REGION

900 Patterson Building
~~1310 DENVER CLUB BUILDING~~
DENVER 2, COLORADO
PHONE: ACOMA 2-5641

September 16, 1963

Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

Re: C. J. Little #1 Grayson
NW NW 28 - 38S - 22E
San Juan County, Utah

Gentlemen:

This is to advise that Monsanto Chemical Company consents to the exception location proposed by the operator of subject well.

Very truly yours,

MONSANTO CHEMICAL COMPANY
HYDROCARBONS DIVISION



A. L. Bergren, Jr.
Regional Exploration Manager

ALB/mk

cc: Mr. E. R. Richardson

UM BRANCH

431P PDT SEP 18 63 LB313 KA425

K DRA029 PD DURANGO COLO 18 426P MST

UTAH OIL AND GAS CO

10 EXCHANGE PL SALT LAKE CITY UTAH

ATTENTION MR. PAUL BURCHELL. RE LITTLE NUMBER ONE GRAYSON NORTHWEST
QUARTER NORTHWEST QUARTER TWENTY EIGHT THIRTY EIGHT SOUTH TWENTY
TWO EAST THIS EXCEPTION LOCATION WITH FOOTAGE NINE HUNDRED
FIFTY FEET FROM NORTH AND NINE HUNDRED NINETY FEET FROM EAST
SECTION TWENTY EIGHT HAS OUR APPROVAL. LETTER CONFIRMATION
WILL FOLLOW

KENNETH E CARTER AND RAYMOND T DUNCAN

(28).

RAYMOND T. DUNCAN

P. O. BOX 137
DURANGO, COLORADO

WEST BUILDING

September 23, 1963

OFFICE 247-1196

HOME 247-1009

Re: Curtis J. Little #1 Grayson
950' FNL-990' FEL
Sec. 28-T38S-R22E, SLM
San Juan County, Utah

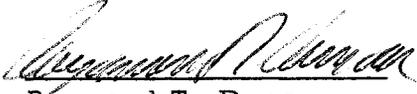
Utah Oil & Gas Commission
10 Exchange Place
Salt Lake City, Utah

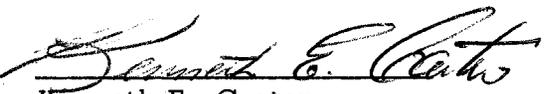
ATTENTION: Mr. Paul W. Burchell

Dear Mr. Burchell:

The undersigned hereby concur in the exception location as above listed for the #1 Grayson to be drilled by Curtis J. Little of Albuquerque. This letter will serve as our formal approval of the exception location.

Yours very truly,


Raymond T. Duncan


Kenneth E. Carter

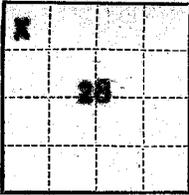
br

Copy H.Y.C.
(SUBMIT IN TRIPLICATE)

Indian Agency UTE MOUNTAIN

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

*(Heirs of Clarence Guthrie,
Allen Canyon #138)*
Allottee #138
Lease No. 14-20-604-4279



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	X
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 REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING 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 30, 19 63

Well No. 1 is located 950 ft. from N line and 990 ft. from W line of sec. 28
MM MM 28 38S 22E SLM
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
GRAYSON EXT. SAN JUAN UTAH
 (Field) (County or Subdivision) (State or Territory)

The elevation of the ~~drill floor~~ ^{ground} above sea level is 5036 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)

Spud 4:30 A.M. 9-29-63. Drilled 17-1/4" hole to 175'. Ran 5 joints of 13-3/8", 48#, H-40, casing totaling 150.6' and set at 166' RKB; cemented with 175 sx with 2% calcium chloride. Cement plug down at 9:30 P.M. 9-29-63.

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

Company CURTIS J. LITTLE
 Address 2929 MONTE VISTA, NE
ALBUQUERQUE, NEW MEXICO
 By *Curtis J. Little*
 Title OPERATOR

Copy H-2-E

*Yard
Dell*

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Ute Mountain
(Heirs of Clarence Guthair,
Allen Canyon #138
Allottee
Lease No. 14-20-604-4279

X			
	28		

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	X	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

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

October 23, 1963

Well No. Grayson #1 is located 950 ft. from N line and 990 ft. from W line of sec. 28
NW NW 28 38S 22E SLM
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Grayson Ext. San Juan Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5045 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)

To cement 5900-5970 with 23 cubic feet cement
 4750-4850 with 34 " " "
 1650-1750 with 34 " " "
 140- 240 with 34 " " "
 10-surface with 8 cubic feet cement

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

Company Curtis J. Little
 Address 2929 Monte Vista NE
Albuquerque, New Mexico
 By *Curtis J. Little*
 Title Operator

H.

610

Form 9-331b
(April 1952)

Copy H-2-E
(SUBMIT IN TRIPLICATE)

Form approved,
Budget Bureau No. 42-R350.4.

Indian Agency Ute Mountain
(Name of Clarence Cuthair,
Allen Canyon
Allottee 2138
Lease No. 14-20-604-4279

X		
	28	

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	
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NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

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

October 24, 19 63

Well No. Grayson #1 is located 950 ft. from N line and 990 ft. from EX line of sec. 28

<u>NW NW 28</u> (¼ Sec. and Sec. No.) <u>Grayson Ext.</u> (Field)	<u>38S</u> (Twp.)	<u>22E</u> (Range)	<u>SLM</u> (Meridian)	<u>Utah</u> (State or Territory)
	<u>San Juan</u> (County or Subdivision)			

The elevation of the ground ~~derreck floor~~ above sea level is 5036 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)

Halliburton Oil Well Cementing Company under supervision of Mr. Thomas A. Dugan spotted the following cement plugs on 10/23/63:

- 5900-5970 - 23 cubic feet cement
- 4750-4850 - 34 " " " "
- 1650-1750 - 34 " " " "
- 140- 240 - 34 " " " "
- 10 to surface - 8 cubic feet cement

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

Company Curtis J. Little
 Address 2929 Monte Vista NE
Albuquerque, New Mexico

By Curtis J. Little
 Title Operator

14

PMB

STATE OF UTAH
 OIL & GAS CONSERVATION COMMISSION
 310 NEWHOUSE BUILDING
 SALT LAKE CITY 11, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: No. 1 Grayson
 Operator Curtis J. Little Address 2929 Monte Vista NE Albuquerque, N.M. Phone 268-8741
 Contractor Arapahoe Drilling Co. Address Denver, Colo. Phone _____
 Location: NW 1/4 NW 1/4 Sec. 28 T. 38 R. 22 E S XX XX San Juan County, Utah

Water Sands:

1.	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	5916-	5938	Rec. 703' salt water on 4-hr drill stem test	
2.			No additional flows or heads were encountered.	
3.				
4.				
5.				

(Continued on reverse side if necessary)

Formation Tops:

<u>FROM</u>	<u>TO</u>	<u>TOTAL FEET</u>	
0	190	190	Morrison - sand and shale
190	320	130	Bluff - sand and shale
320	460	140	Summerville - sand and shale
460	795	335	Entrada - sand and shale
795	858	63	Carmel - shale and sand
858	1530	672	Navajo - sand and shale
1530	1713	183	Kayenta - shale
1713	2120	407	Wingate - sand and shale
2120	2660	540	Chinle - shale
2660	2737	77	Shinarump - sand and shale
2737	3047	310	Moenkopi - shale
3047	3169	122	DeChelly - sand and shale
3169	3700	531	Organ Rock - silt and shale
3700	4807	1107	Cedar Mesa - sand and shale
4807	5772	965	Honaker Trail - limestone, siltstone, shale
5772	5788	16	"A" - shale

NOTE: (a) Upon diminishing supply of forms, please inform the Commission
 (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure. (See back of form)

12

Drillers Log: (Continued)

<u>FROM</u>	<u>TO</u>	<u>TOTAL FEET</u>	<u>FORMATION</u>
5788	5913	125	Upper Ismay - limestone
5913	5990	77	Lower Ismay - limestone
5990	6028	38	"B" - shale
6028	6113	85	Desert Creek - limestone and anhydrite
6113	6130	17	"C" - shale, Total Depth.

Core No. 1 5922-72: Cut and recovered 50 feet Limestone: Gray, micro-crystalline with good vuglet porosity from 5923-33; 5935-37, and 5954-60. Upper two porosity zones had good stain, fluorescence and odor.

Drill Stem Test No. 1: 5916-5938: Straddle pack test. Shut in 30". Open 4 hours. Shut in 1 hour. Good blow air throughout test. Recovered 703' salt water.
 Initial hydrostatic 3151 psi
 Initial shut in 3070 psi
 Initial flow 444 psi
 Final flow 341 psi
 Final shut in 1859 psi
 Final hydrostatic 3136 psi

Rule C-20 REPORTING OF FRESH WATER SANDS

It shall be the duty of any person, operator or contractor drilling an oil or gas well or drilling a seismic, core or other exploratory hole to report to the Commission all fresh water sands encountered; such report shall be in writing and give the location of the well or hole, the depth at which the sands were encountered, and the thickness of such sands, and the rate of flow of water if known.

OCT 28 1963

Handwritten notes and stamps at the bottom of the page, including a date stamp and some illegible text.

Handwritten initials and marks

Form 9-330

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES **Clarence Guthair, Allen Canyon #138**
DEPARTMENT OF THE INTERIOR **14-20-604-4279**

GEOLOGICAL SURVEY

	X				
		28			

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Curtis J. Little Address 2929 Monte Vista NE, Albuquerque, N.M.
Lessor or Tract El Paso Nat. Gas Prod. Co. Field Grayson State Utah
Well No. #1 Grayson Sec. 28 T. 38S R. 22E Meridian SLM County San Juan
Location 550 ft. XX of N. Line and 990 ft. XX of W. Line of Sec. 28 Elevation 5045
(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 *Curtis J. Little*

Date Oct. 24, 1963 Title Operator

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

Commenced drilling Sept. 29, 1963 Finished drilling Oct. 22, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from NONE to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 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-	
<u>13-3/8"</u>	<u>48</u>	<u>8</u>	<u>CF&I</u>	<u>150'</u>	<u>Baker</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8"</u>	<u>166 RKB</u>	<u>175 sx</u>	<u>Halliburton</u>		

MARK

PLUGS AND ADAPTERS

Adapters—Material _____ Size _____ Length _____ Depth set _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 6130 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing PSA, 10/23/63, 19____
 The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Arapahoe Drilling Co., Driller _____, Driller _____
 _____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	190	190	Morrison - sand and shale
190	320	130	Bluff - sand and shale
320	460	140	Summerville - sand and shale
460	795	335	Entrada - sand and shale
795	858	63	Carmel - shale and sand
858	1530	672	Navajo - sand and shale
1530	1713	183	Kayenta - shale
1713	2120	407	Wingate - sand and shale
2120	2660	540	Chinle - shale
2660	2737	77	Shinarump - sand and shale
2737	3047	310	Moenkopi - shale
3047	3169	122	DeChelly - sand and shale
3169	3700	531	Organ Rock - silt and shale
3700	4807	1107	Cedar Mesa - sand and shale
4807	5772	965	Honaker Trail - limestone, siltstone, shale
5772	5788	16	"A" - shale
5788	5913	125	Upper Ismay - limestone
5913	5990	77	Lower Ismay - limestone
5990	6028	38	"B" - shale
6028	6113	85	Desert Creek - limestone and anhydrite
6113	6130	17	"C" - shale; Total Depth

001 7 1 1963

LOGS AND RECORDS

DATE	DEPTH	TEMPERATURE	WELL NO.	SECTION	WELL NAME	DEPT. TO WHICH

MIDDING AND CEMENTING RECORD

HISTORY OF OIL OR GAS WELL

16-42094-2 U. S. GOVERNMENT PRINTING OFFICE

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

DATE	DEPTH	TEMPERATURE	WELL NO.	SECTION	WELL NAME	DEPT. TO WHICH
10/23/63	10				Halliburton Oil Well Cementing Company under supervision of Mr. Thomas A. Dugan spotted the following cement plugs on	
				5900-5970	- 23 cubic feet cement	
				4750-4850	- 34 "	
				1650-1750	- 34 "	
				140-240	- 34 "	
				10 to surface	8 "	

(Reverse use of 6)

OIL OR GAS SANDS OR ZONES

Completion drilling to ft. finished drilling to ft.

The information on this page is for the condition of the well as shown here

Date _____

signed _____

The information given here is a complete and correct record of the well and all work done thereon

Received by _____ of _____ State and _____ of _____

Address _____

Company _____

Address _____

LOCAL WELL CONNECTION

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

PLANS OR PRINTS TO BE OPENED

SHIRT NUMBER

U. S. BUREAU OF

BOOKS BUREAU NO. 42-10322-2

Handwritten:
P
D
L
7

October 28, 1963

Curtis J. Little
2929 Monte Vista NE
Albuquerque, New Mexico

Re: Well No. Grayson #1
Sec. 28, T. 38 S, R. 22 E.,
San Juan County, Utah

Dear Mr. Little:

This letter is to advise you that the electric and/or radioactivity logs for the above mentioned well are due and have not been filed with this Commission as required by our rules and regulations.

If you did not run logs on this well, please make a statement to that effect in order to keep our records accurate and complete. Thank you for your cooperation in the request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

Handwritten:
V.

Curtis J. Little
CONSULTING GEOLOGIST
2929 MONTE VISTA BLVD., N.E.
TELEPHONE AM 8-8741
ALBUQUERQUE, NEW MEXICO

November 4, 1963

Mrs. Clarella N. Peck, Records Clerk
Oil & Gas Conservation Commission
The State of Utah
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Re: #1 Grayson
Sec. 28, T. 38 S., R. 22 E.
San Juan County, Utah

Dear Mrs. Peck:

In accordance with your letter of October 28 I have enclosed two logs covering the above well.

Yours very truly,

Curtis J. Little
Curtis J. Little *nc*

CJL/nc
Encls.