FILE NOTATIONS

Entered in N I D File	✓	Checked by Chief	
Entered On S R Sheet	✓	Copy N I D to Field Office	
Location Map Pinned	✓	Approval Letter	
Card Indexed	✓	Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA:

Date Well Completed	1-13-56	Location Inspected	
OW ____ WW ____ TA ____		Bond released State of Fee Land	
GW ____ OS ____ PA ✓			

LOGS FILED

Driller's Log ____

Electric Logs (No.) 3

E ✓ I ✓ E ____ E-1 ____ GR ____ GR-N ____ Micro ____

Lat ____ MI-L ____ Sonic ____ Others Sample of Dipping line to directional log

Form 9-331a
(Feb. 1951)

Budget Bureau 42-R358.3.
Approval expires 12-31-55.

Land Office UTAH

Lease No. 05393

Unit

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

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)

September 9, 19 55

Well No. Federal #1 is located 891' ft. from {N/S} line and 1940' ft. from {E/W} line of sec. 22

SE 1/4 SW 1/4 (¼ Sec. and Sec. No.) 14-N (Twp.) 10-W (Range) SLM (Meridian)

Wildcat (Field) Boxelder (County or Subdivision) Utah (State or Territory)

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)

This will be a 6500' Madison Test. We intend to run approximately 500' of 10 3/4" casing to shut off surface water.

If production is obtained, 7" J55 23# production casing will be run to the top of the pay section.

APPROVAL IS CONDITIONAL UPON COMPLIANCE WITH THE TERMS ATTACHED HERETO

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

Company UTAH SOUTHERN OIL COMPANY

Address 901 Utah Oil Building
Salt Lake City, Utah

By George T. Hansen Jr.

Title Operations Manager

U. S. GOVERNMENT PRINTING OFFICE 16—84257-6

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS:

Have File: 3 El Paso

DATE FILED Prior to OGCC

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: Prior to OGCC

SPUDDED IN: 9-25-55

COMPLETED:

INITIAL PRODUCTION:

GRAVITY A. P. I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH: 6455

WELL ELEVATION: 4412 Gr / 4420' KB

DATE ABANDONED: 1-13-56

FIELD OR DISTRICT: Wildcat

COUNTY: BOX ELDER

WELL NO. Federal #1 API 43-003-11400

LOCATION: 891 FT. FROM (N) (S) LINE, 1940 FT. FROM (E) (W) LINE. SWSE QUARTER - QUARTER SEC. 22

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				10N	14W	22	UTAH SOUTHERN OIL CO.

GEOLOGIC TOPS:

QUATERNARY	Star Point	Sinbad	Brazer
Recent	Wahweap	PERMIAN	Pilot shale
Alluvium	Masuk	Kaibab	Madison
Lake beds	Colorado	Coconino	Leadville
Pleistocene	Mancos	Cutler	Redwall
Lake beds	Upper	Hoskinnini	DEVONIAN
TERTIARY	Middle	DeChelly	Upper
Pliocene	Lower	White Rim	Middle
Humboldt	Emery	Organ Rock	Lower
Salt Lake	Blue Gate	Cedar Mesa	Ouray
Miocene	Ferron	Halgaite tongue	Elbert
Bishop conglomerate	Frontier	Phosphoris	Guilmette
Oligocene	Dakota	Park City	Simonson dolomite
Norwood	Burro Canyon	Rico (Goodridge)	Sevy dolomite
Eocene	Cedar Mountain	Supai	North Point
Duchesne River	Buckhorn	Bird Springs	SILURIAN
Uinta	JURASSIC	CARBONIFEROUS	Laketown dolomite
Bridger	Morrison	Pennsylvanian	ORDOVICIAN
Green River	Salt Wash	Oquirrh	Eureka quartzite
Upper	San Rafeal Gr.	Weber	Pogonip limestone
Middle	Summerville	Morgan	CAMBRIAN
Lower	Bluff sandstone	Hermosa	Lynch
Wasatch	Curtis	Upper	Bowman
Colton	Entrade	Lower	Tapeats
Flagstaff	Moab tongue	Molas	Ophir
Almy	Carmel	Paradox	Tintic
Paleocene	Glen Canyon Gr.	A	PRE-CAMBRIAN
Current Creek	Navajo	B	
North Horn	Kayento	C	
CRETACEOUS	Wingate	Manning Canyon	
Montana	TRIASSIC	Mississippian	
Mesaverde	Chinle	Chainman shale	
Price River	Shinarump	Humbug	
Blackhawk	Moenkopi	Joana limestone	

Form 9-331a
(Feb. 1951)

Budget Bureau 42-R358.3.
Approval expires 12-31-55.

(SUBMIT IN TRIPLICATE)

Land Office Utah

Lease No. 05393

Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

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			

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

October 4, 1955

Well No. Federal #1 is located 891' ft. from {N/S} line and 1940 ft. from {E/W} line of sec. 22

SE SW 22 (¼ Sec. and Sec. No.) 11N (Twp.) 10W (Range) SLM (Meridian)

Wildcat (Field) Box Elder (County or Subdivision) Utah (State or Territory)

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)

Ran 942 feet 10 3/4 inch grade H-40 Surface Casing and Cemented with 700 sacks of cement.

RECEIVED
OCT 4 - 1955
GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

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

Company Utah Southern Oil Co.

Address 901 Utah Oil Bldg.

By George T. Hansen Jr.

Title Operations Mgr.

Approved OCT 11 1955

District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16—64257-5

Form 9-331a
(Feb. 1961)

Budget Bureau 42-R358.2.
Approval expires 12-31-56.

	22		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 05393
Unit

U. S. GEOLOGICAL SURVEY
RECEIVED
JAN 12 1956
SALT LAKE CITY, UTAH

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 PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

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

January 12, 1956

Federal
Well No. #1 is located 891 ft. from {XX S} line and 1940 ft. from {XX W} line of sec. 22

SE 1/4 SW 1/4 22 (¼ Sec. and Sec. No.) 14 N (Twp.) 10 W (Range) SLM (Meridian)

Wildcat (Field) Box Elder (County or Subdivision) Utah (State or Territory)

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)

TD 6463' El.

We propose to set 25 sax cement at 6300', 25 sax at 4680', 25 sax at 2575', 25 sax at 1800', 25 sax at 970', 10 sax at top of hole, and then erect a suitable marker.

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

Company Utah Southern Oil Company

Address 901 Utah Oil Building
Salt Lake City, Utah

By George F. Hansen Jr.

Title Operations Manager

only, Approved JAN 13 1956 to Frank Pence

D. D. Dunnell
District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16—84257-8

ORIGINAL FORWARDED TO CASPER

AFTER TEN DAYS RETURN TO

UTAH OIL & GAS CONSERVATION COMMISSION
348 East South Temple
Suite 301
Salt Lake City, Utah 84111

SALT LAKE CITY, UTAH
PM
28 JUL
1965

☐ Moved, left no address
☐ No such number
☒ Moved, not forwardable
☐ Addressee unknown

UTAH SOUTHERN OIL COMPANY
First National Bank Building
621 17th Street
Denver, Colorado

RETURN TO SENDER

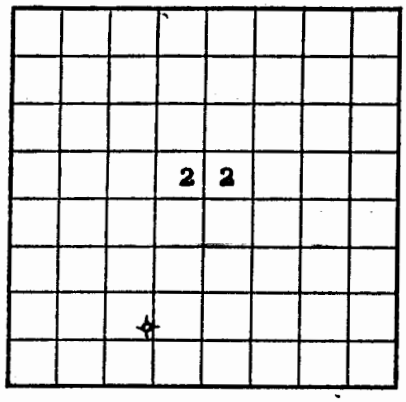
DENVER
JUL 29
PM
1965
COLO.

Form 9-330

ORIGINAL FORWARDED TO CASPER

Bureau No. 42-R355.
Approval expires 11-30-46.

U. S. LAND OFFICE Utah
SERIAL NUMBER 05393
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

U. S. GEOLOGICAL SURVEY SALT LAKE CITY, UTAH

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY RECEIVED SEP 25 1956

LOG OF OIL OR GAS WELL

Rec'd

Company Utah Southern Oil Company Address 901 Utah Oil Building

Lessor or Tract Field Wildcat State Utah

Well No. 1 Sec. 22 T. 14N R. 10W Meridian SLM County Box Elder

Location 891 ft. {N. / S.} of S Line and 1940 ft. {E. / W.} of W Line of Sec. 22 Elevation 4420 KB (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 Frank S. Pearce

Date September 18, 1956 Title Geologist

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

Commenced drilling Sept. 25, 1955 Finished drilling January 13, 1956

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 215 to 240 No. 3, from to

No. 2, from 943 to 2530 No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10 3/4	32.75	8 rd	Spang	942	Texas				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	942	700	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 6463 feet, and from ..... feet to ..... feet

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

DATES

....., 19..... Put to producing ....., 19.....

The production for the first 24 hours was DRY 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

H. Gibson, Driller B. Starr, Driller

E. Combs, Driller C. Norton, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	440	440	Salt Lake Gr ?
440	1868	1428	Oquirrh formation
1868	3475	1607	Missourian
3475	4010	535	Springer, Manning Canyon
4010	4690 ?	680	Chester-Meramec
4690	5012	322	Osage
5012	5135	123	Madison
5135	5580	445	Horse of Meramec to Chester
5580	5800	220	Madison
5800	6188	388	Kinderhook
6188	6463	275	Jefferson formation

See Sample Description

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued (OVER)

16—43094-1

16—43004-1 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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

Well was drilled in an orderly manner from top to bottom. All fish lost were recovered. No redrilling, shooting, or testing was done.

Lost circulation zones - 1420, 2070, 2525, 2670, 3905.

Before lost circulation zone at 2525 was plugged, fresh water from between 942 and 2525 flowed at a rate of what would come from a 3" pipe. Exact source unknown.

Well plugged according to government specifications.

See accompanying sample description.

Form 9-331a
(Feb. 1951)

22

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau 42-R358.3.
Approval expires 12-31-55.

Land Office Utah
Lease No. 05393
Unit

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	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)

January 12, 1956

Federal
Well No. #1 is located 891 ft. from {N/S} line and 1940 ft. from {E/W} line of sec. 22

SE 1/4 SW 1/4, 22 (¼ Sec. and Sec. No.) 14-N (Twp.) 10-W (Range) SLM (Meridian)

Wildcat (Field) Box Elder (County or Subdivision) Utah (State or Territory)

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)

T. D. 6463' Schlumberger.
Cemented:
6305' - 25 sax
4683' - 25 sax
2576' - 25 sax
1405' - 25 sax
939' - 25 sax
Shoe set at 943'. 10-sac plug set on surface with suitable marker erected.

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

Company Utah Southern Oil Company

Address 901 Utah Oil Building
Salt Lake City, Utah

By George T Hansen Jr.

Title Operations Manager

NOV 1 1956

D. F. Russell
District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16—84357-8

ORIGINAL FORWARDED TO SHOPER

15

UTAH SOUTHERN OIL COMPANY

UTAH OIL BUILDING

SALT LAKE CITY, UTAH

December 17, 1956

MR. CLEON B. FEIGHT
Oil & Gas Conservation Commission
State Capitol Building
Salt Lake City, Utah

Re: Federal #1 Well
Sec. 22, T-10N, R-14W
Box Elder County, Utah

Dear Mr. Feight;

Enclosed you will find Schlumberger Logs and Sample Descriptions on the above described well, which we are forwarding to you at the direction of our geologist, Mr. Frank Peace.

Very truly yours,

George T. Hansen Jr.

George T. Hansen, Jr.
Operations Manager

GTHjr/ej

Enclosures

December 19, 1956

Utah SouthernOil Company
Utah Oil Building
Salt Lake City, Utah

Attention: George T. Hansen, Jr.

Re: Federal #1 Well, Sec. 22, Twp. 10N, R. 14W, Box Elder County, Utah

Gentlemen:

This is to acknowledge receipt of your letter of December 17, 1956 and the accompanying Schlumberger Logs and Sample Descriptions on the above mentioned well.

Thank you for your cooperation in this matter.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:cn

State of Utah
OIL & GAS CONSERVATION COMMISSION
Room 140, State Capitol Building
Salt Lake City 14, Utah

October 15, 1957

George T. Hansen, Jr.,
Operations Manager
Utah Southern Oil Company
Utah Oil Building
Salt Lake City, Utah

Re: REQUEST FOR "REPORT OF OPERATIONS & WELL STATUS REPORT"

Dear Sir:

Your attention is directed to Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, which was adopted by the Commission on July 9, 1957.

Said rule provides for the submitting of a report of operations and well status report to the Oil and Gas Conservation Commission.

Your compliance with said rule is hereby requested.

We are enclosing some copies of Form OGCC-4, "Report of Operations and Well Status Report", for completion and return. For your convenience, Rule C-22, has been printed on the back of said form.

Federal Form 9-329, Lessee's Monthly Report of Operations may be used in lieu of Form OGCC-4.

Please note that if two legible copies, carbon or otherwise, of the report filed monthly with the United States Geological Survey on Form 9-329, are also filed each month with this Commission, it will be deemed compliance with Rule C-22, Paragraphs 1, 2, 3, and 4.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

Cleon B Feight
CLEON B. FEIGHT
SECRETARY

CBF:cn

THE STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH 84111
DAvis 8-5771

July 28, 1965

Utah Southern Oil Company
First National Bank Building
621 17th Street
Denver, Colorado

Re: Well No. Federal #1
Sec. 22, T. 10 N., R. 14 W.,
Box Elder County, Utah

43-003-11400

Gentlemen:

Upon checking our files we find that we do not have a driller's log for the above mentioned well. This well was drilled prior to the establishment of the Commission, however, we are making an attempt to complete our records on wells that have been drilled in the state.

It would be appreciated if you could forward said information to this office as soon as possible.

Thank you for your assistance in this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

Kathy G. Warner

KATHY G. WARNER
RECORDS CLERK

KGW/al

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

Feb. 28, 1986

TO: Well File

FROM: Mary Alice Peterson

RE: Conflicting Information In Well File For The "Federal #1" Well Located 14N 10W Sec. 22.

We have two index cards with similar information except the township and range. One card indicates 10N 14W and the other card indicates 14N 10W. The file has both township and ranges. It appears the well is really in 14N 10W. The application to drill and the completion report as well as the plugging information all have 14N 10W. The difference in township and range comes in the form of a letter by the operator. This location, 14N 10W, shows up on commercial maps as a legitimate location and the other location did not show up at all. The logs have been changed to read 14N 10W although there are logs in both locations. After reviewing everything, Norm and I decided to consider it as one well, located at 14N 10W and we are going to use the newest API number assigned.