

# FILE NOTATIONS

Entered in NID File ✓

Entered On S R Sheet \_\_\_\_\_

Location Map Pinned ✓

Card Indexed ✓

IWR for State or Fee Land \_\_\_\_\_

Checked by Chief R.L.S.

Copy NID to Field Office ✓

Approval Letter ✓

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

## COMPLETION DATA:

Date Well Completed 11-19-61

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

GW \_\_\_\_\_ OS \_\_\_\_\_ PA ✓

Location Inspected hlc

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

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

## LOGS FILED

Driller's Log 11-24-61

Electric Logs (No. ) 2

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

Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic (S) Others \_\_\_\_\_

*Copy to HC*

		o	

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **UTAH**  
Lease No. **U-04664**  
Unit \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<b>X</b>	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)

October 17, 1961

Well No. **#1 Mark** is located **660** ft. from **{N}** line and **1980** ft. from **{E}** line of sec. **21**  
**NE 1/4** **21** **40 S** **22 E** **S1M**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Broken Hills** **San Juan** **Utah**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4634** ft. (**4622 ground**)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

**Ismay 5439**  
**Desert Creek 5555**

Surface csg: 90 feet, 13-3/8", 48#.  
Will circulate cement to surface.

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

Company **Sand Oil Co.**  
Address **601 Newhouse Building**  
**Salt Lake City, Utah**  
By *William C. Hafeman*  
**William C. Hafeman**  
Title **President**

COMPANY Sand Oil Company

Well Name & No. Mark No. 1

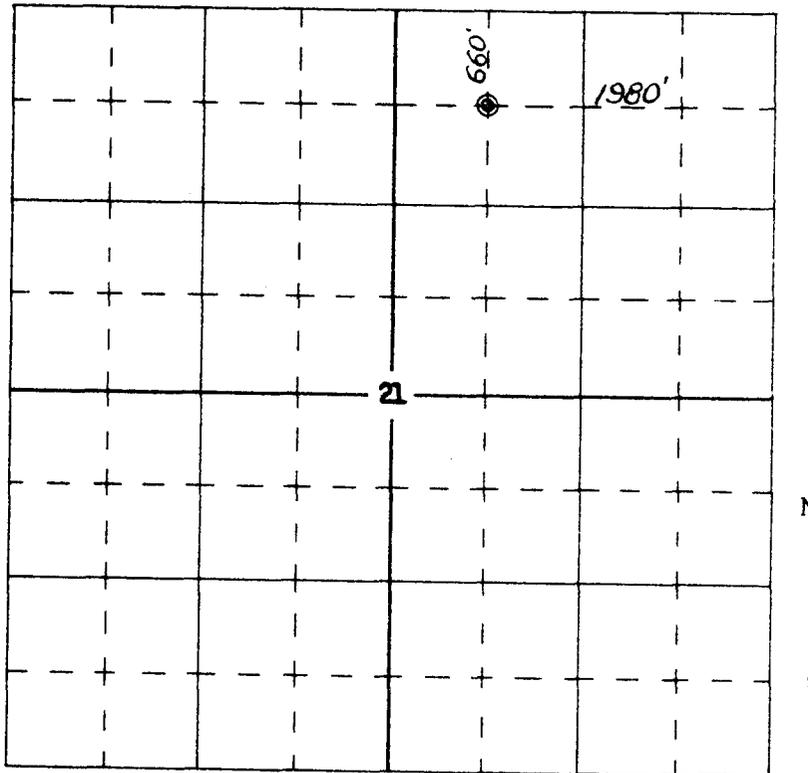
Lease No. 404664

Location 660 feet from the North line and 1980 feet from the East line

Being in NW $\frac{1}{4}$  of NE $\frac{1}{4}$

Sec. 21, T40 S., R 22 E., S. 1 M.,  
N.M.P.M., San Juan County, Utah

Ground Elevation 4622



Scale -- 4 inches equals 1 mile

Surveyed October 12, 19 61

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.

Seal

Farmington, New Mexico

Ernest J. Calkins

Registered Professional  
Engineer and Land Surveyor.

Reg. 2090

Practicing in Utah under Laws  
regulating Professional Engrs.  
and Land Surveyors, Utah Code 1953,  
Title 58-10-16

October 17, 1961

Sand Oil Company  
601 Newhouse Bldg.  
Salt Lake City, Utah

Attn: William C. Hafeman, President

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. #1 Mark, which is to be located 660 feet from the north line and 1980 feet from the east line of Section 21, Township 40 South, Range 22 East, SLEB, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted; however, said approval is subject to prior approval of the United States Geological Survey of the 90 feet of surface casing.

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

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,  
EXECUTIVE SECRETARY

CBF:avg

cc: Jerry W. Long, Dist. Eng.,  
U. S. Geological Survey

H. L. Coonts - OGCC, Moab

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City  
LEASE NUMBER U-04664  
UNIT \_\_\_\_\_

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 19 61,

Agent's address 601 Newhouse Building Company Sand Oil Company

Signed [Signature]

Phone DA 8-0300 Agent's title President

SEC. AND ¼ OF ¼	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)
21 NWNE	40S	22E	1	0	0	0	0	0	0	Drig. at 3770' (92', 13 3/8", 48 lb. Surface casing set on Oct. 20, 1961)

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.

*AWJ*

Form 9-381a  
(Feb. 1951)

Budget Bureau No. 42-E358.4  
Approval expires 12-31-60.

*KS*

		0

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Salt Lake City, Utah**  
Lease No. **U-04664**  
Unit \_\_\_\_\_

**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.....			
<b>Notice of Setting Casing</b>	<b>X</b>		

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

October 20, 19 61

Well No. **1** **Mark** is located **660** ft. from **{N}** line and **1990** ft. from **{E}** line of sec. **21**

**NE** Sec. **21** **40E** **22E** **SLM**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Wildcat** **San Juan** **Utah**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4534** ft.

**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Set 92' 13 3/8" 48pds./ft. surface pipe w/150 ex., 2% 46 Calcium. Circulated cement to surface.

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

Company **Sand Oil Co.**

Address **501 Newhouse Bldg.**  
**Newhouse Bldg.**  
**Salt Lake City, Utah**

By *William C. Hoffmann*  
Title **President**

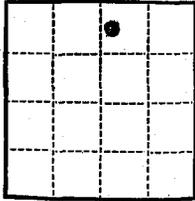
RLL

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. 04664

Unit \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

18 November, 19 61

Well No. 1 Mark is located 660 ft. from [N] line and 1980 ft. from [E] line of sec. 21

NE 21 (1/4 Sec. and Sec. No.)      40S 22E (Twp.)      Salt Lake (Meridian)

Wild Cat (Field)      San Juan (County or Subdivision)      Utah (State or Territory)

The elevation of the derrick floor above sea level is 4634 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)

The following program for abandonment is submitted for approval.

- |                     |       |                     |      |
|---------------------|-------|---------------------|------|
| 100' plug 5757-5657 | 30 sx | 10' plug at surface | 8 sx |
| 100' plug 5530-5430 | 29 sx |                     |      |
| 100' plug 4500-4400 | 30 sx |                     |      |
| 62' plug 2550-2488  | 18 sx |                     |      |
| 169' plug 1520-1411 | 50 sx |                     |      |
| 77' plug 117-46     | 35 sx |                     |      |
- The request for abandonment is based on recovery of large volumes of salt water from the Lower Issay and Desert Creek zone

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

Company Sand Oil Co.

Address 601 Newhouse Building

Salt Lake City, Utah

By William C. Hillman

Title President

November 21, 1961

MEMO FOR FILING:

Re: Sand Oil Company  
Mark #1  
Sec. 21, T. 40 S., R. 27 E.  
San Juan County, Utah

Saturday night, November 18, 1961, I approved by telephone the following plugging program on the above well. This program had been approved previously by Jerry Long, U. S. Geological Survey.

100' on bottom of hole  
50' top of Lower Ismay  
100' top Hermosa  
50' top DeChelly  
50' Base of Wingate  
50' Base of surface pipe  
10' at surface with marker.

The operator reporting hitting no water flows between bottom of surface pipe and total depth. Tested only one zone in Lower Ismay.

HARVEY L. COONTS,  
PETROLEUM ENGINEER

HLC:kpj

*awf*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City  
LEASE NUMBER Utah 04664  
UNIT \_\_\_\_\_

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wild Cat

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1961,

Agent's address 601 Newhouse Building Company Sand Oil Co.  
Salt Lake City, Utah Signed [Signature]

Phone DAVIS 8-0306 Agent's title Vice President

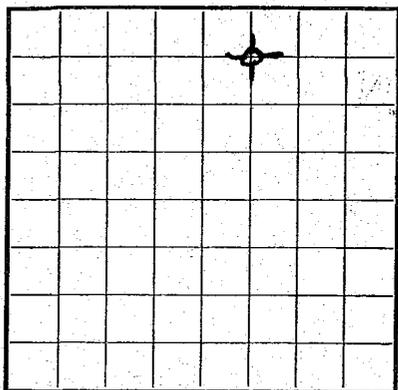
SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Section 21 NW 1/4 NE 1/4	40S	22E	1	0	0	0	0	0	0	Drilled to TD 5757 K.B. P & A 11-19-61
11-16-61	DST #1	5458-5526. Open with immediate blow, increasing to strong in 3 minutes lasted throughout test. Tool open 3 hours. Recovered 2200' gas in pipe, 105' VHG & OCM, 270' GC & OCSW, 2525' GC & SOCSW. ISIP 30"/2125 lbs. IFP 95 lbs. FFP 1405 lbs. FSIP 2055 lbs/30". IHP 2685 lbs. FHP 2685 lbs. (Lower Ismay Zone)								
11-18-61	DST #2	5604-5707 (straddle packer test) Tool open 2 1/2 hours. Rec. 50' mud, 980' salt water. ISIP 30"/2165 lbs. FSIP 30"/1790 lbs. IFP 45 lbs. FFP 520 lbs. IHP 2950 lbs. FHP 2950 lbs. (Desert Creek Zone)								
<u>Date</u>	<u>Formation</u>				<u>Depth</u>	<u>Character</u>				
10-21-61	Summerville				237'	Sand and shale				
10-21-61	Entrada				456'	Sand and shale				
10-21-61	Carmel				523'	Sand and shale				
10-22-61	Navajo				624'	Sandstone				
10-22-61	Kayenta				985'	Sand and shale				
10-22-61	Wingate				1060'	Sandstone				
10-23-61	Chinle				1458'	Sand, shale, fresh water, limestone and chert				
10-25-61	Shinarump				2206'	Conglomerate				
10-25-61	Coconino				2511'	Sandstone				
10-26-61	Organ Rock				2550'	Sandstone, shale, anhydrite, fresh water limestone				
11- 5-61	Hermosa				4450'	Limestone, shale, sand and chert				
11-13-61	Ismay				5365'	Limestone and shale				
11-16-61	Desert Creek				5572'	Limestone, anhydrite, shale				
11-18-61	Salt				5757'	Please authorize termination of reports for this lease.				

NOTE.—There were 0 runs or sales of oil; 0 M cu. ft. of gas sold;

0 runs or sales of gasoline during the month. (Write "no" where applicable.)

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

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



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sand Oil Co. Address 601 Newhouse Building  
Lessor or Tract \_\_\_\_\_ Field Wild Cat State Utah  
Well No. 1 Mark Sec. 21 T. 40 S. R. 22 E. Meridian Salt Lake County San Juan  
Location 660 ft.  $\left\{ \begin{matrix} N. \\ S. \end{matrix} \right\}$  of N. Line and 1980 ft.  $\left\{ \begin{matrix} E. \\ W. \end{matrix} \right\}$  of E. Line of Section 21 Elevation 4634  
(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 \_\_\_\_\_

Date November 22, 1961 Title President

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

Commenced drilling October 19, 1961 Finished drilling November 18, 1961

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—	
13-3/8	48			92'	Baker				Surface csg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	92'	150			

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

FOLD MARK

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	92'	150			

FOLD MARK

**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 surface feet to 5757 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

\_\_\_\_\_, 19\_\_\_\_ Put to producing P & A, 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**

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
Surface	237	237	Bluff
237	456	219	Summerville
456	523	67	Entrada
523	624	101	Carmel
624	985	361	Navajo
985	1060	75	Kayenta
1060	1458	398	Wingate
1458	2206	748	Chinle
2206	2242	36	Shinarump
2242	2511	269	Moenkopi
2511	2550	39	Coconino
2550	4450	1900	Organ Rock and Cedar Mesa
4450	5348	898	Hermosa
5348	5365	17	A Shale
5365	5472	107	Upper Ismay
5472	5476	4	A 2 Shale
5476	5530	54	Lower Ismay
5530	5560	30	B Shale
5560	5572	12	B Siltstone
5572	5711	139	Desert Creek
5711	5738	27	C Shale
5738	5757	19	Akah

### 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.

13-3/8" surface casing left in hole

DST #1 5458-5526

Open with immediate blow, increasing to strong in 3 minutes lasted throughout test. Tool open 3 hours. Recovered 2200' gas in pipe, 105' VHG & OCM, 270' GC & OCSW, 2525' GC & SOCSW. ISIP 30"/2125 lbs. IFP 95 lbs. FFP 1405 lbs. FSIP 2055 lbs/30". IHP 2685 lbs. FHP 2685 lbs. (Lower Ismay Zone)

DST #2 5604-5707 (straddle packer test) Tool open 2 1/2 hours. Rec. 50' mud, 980' salt water. ISIP 30"/2165 lbs. FSIP 30"/1790 lbs. IFP 45 lbs. FFP 520 lbs. IHP 2950 lbs. FHP 2950 lbs. (Desert Creek Zone)

- 10-19-61 Spud
- 10-26-61 Drilling 2501'
- 11- 2-61 Drilling 3947'
- 11- 9-61 Drilling 4905'
- 11-16-61 Taking DST #1
- 11-18-61 Running logs and taking DST #2
- 11-19-61 Plugged and abandoned

NOV 24 1961

	0

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. 04664

Unit \_\_\_\_\_

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.....	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)

22 November, 1961

Well No. 1 Mark is located 660 ft. from N line and 1980 ft. from E line of sec. 21

NE 21 40S R. 22E Salt Lake  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wild Cat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4634 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)

The above well was plugged and abandoned on 19 November, 1961, as follows:

100' plug 5757-5657 30 sx.  
100' plug 5530-5430 29 sx.  
100' plug 4500-4400 30 sx.  
62' plug 2550-2488 18 sx.  
109' plug 1520-1411 50 sx.  
71' plug 117- 46 35 sx.  
10' plug Surface 00 sx.

A dry hole marker was cemented into the surface plug. The marker lists name of operator, well name and location, surface elevation and total depth.

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

Company Sand Oil Co.

Address 601 Newhouse Building  
Salt Lake City, Utah

By William C. Hoffman

Title President