

11/14/62

Called Mr. P. L. Bauman and suggested for well orthodox location in the $\frac{1}{4}$ - $\frac{1}{4}$ north of proposed location. Due to geologic reasons this would be unwarranted, also they control $\frac{1}{4}$ - $\frac{1}{4}$ leases to the north, south, east, and west of proposed location.

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 PMB

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 11-29-62

OW _____ WW _____ TA _____

GW _____ OS _____ PA

Location Inspected _____

Bond released

State of Fee Land _____

Subsequent Report of Abandonment

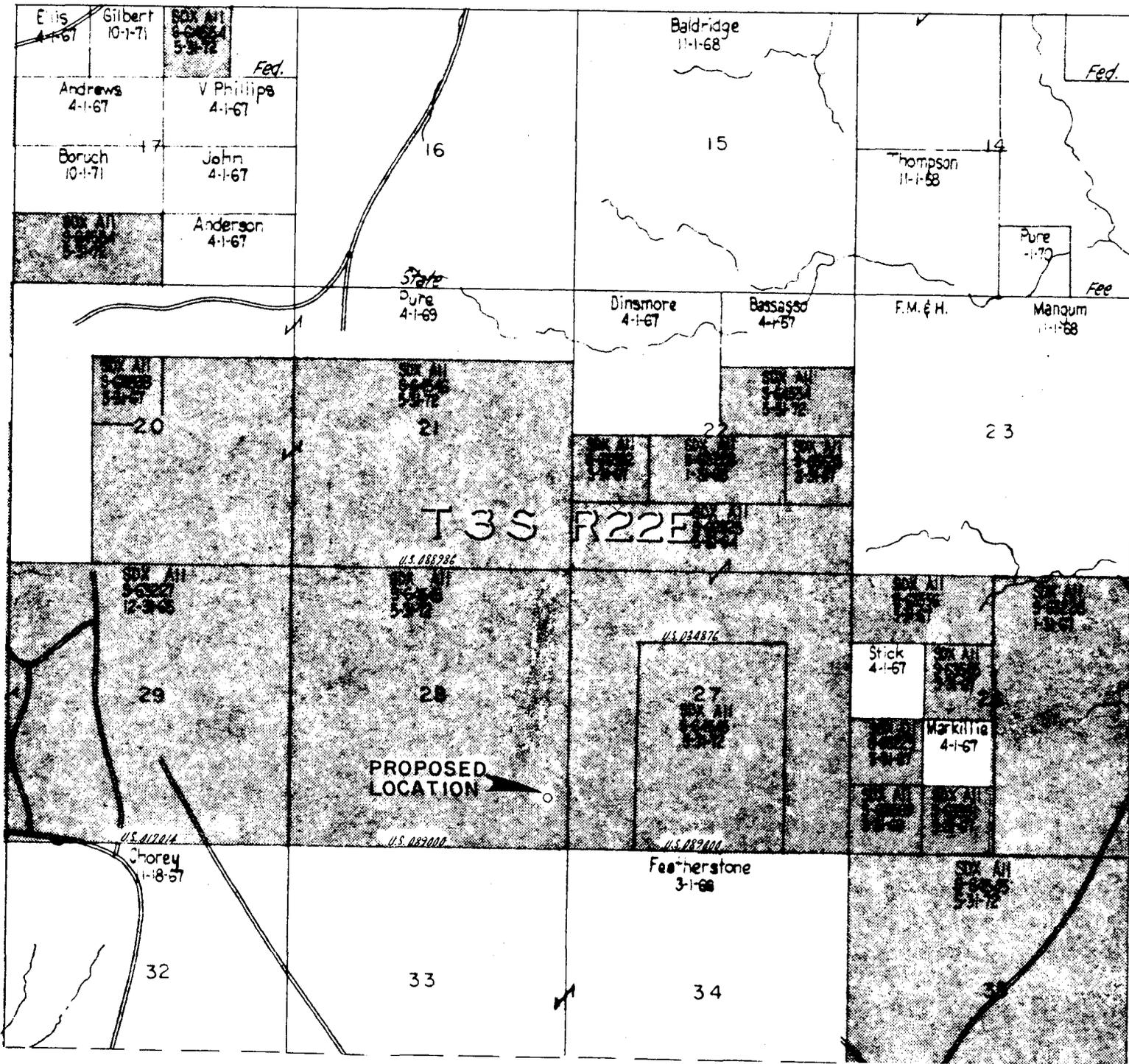
LOGS FILED

Driller's Log 12-24-62

Electric Logs (No.) 2

E _____ I _____ E-I GR _____ GR-N _____ Micro

Lat _____ Mi-L _____ Sonic _____ Others _____

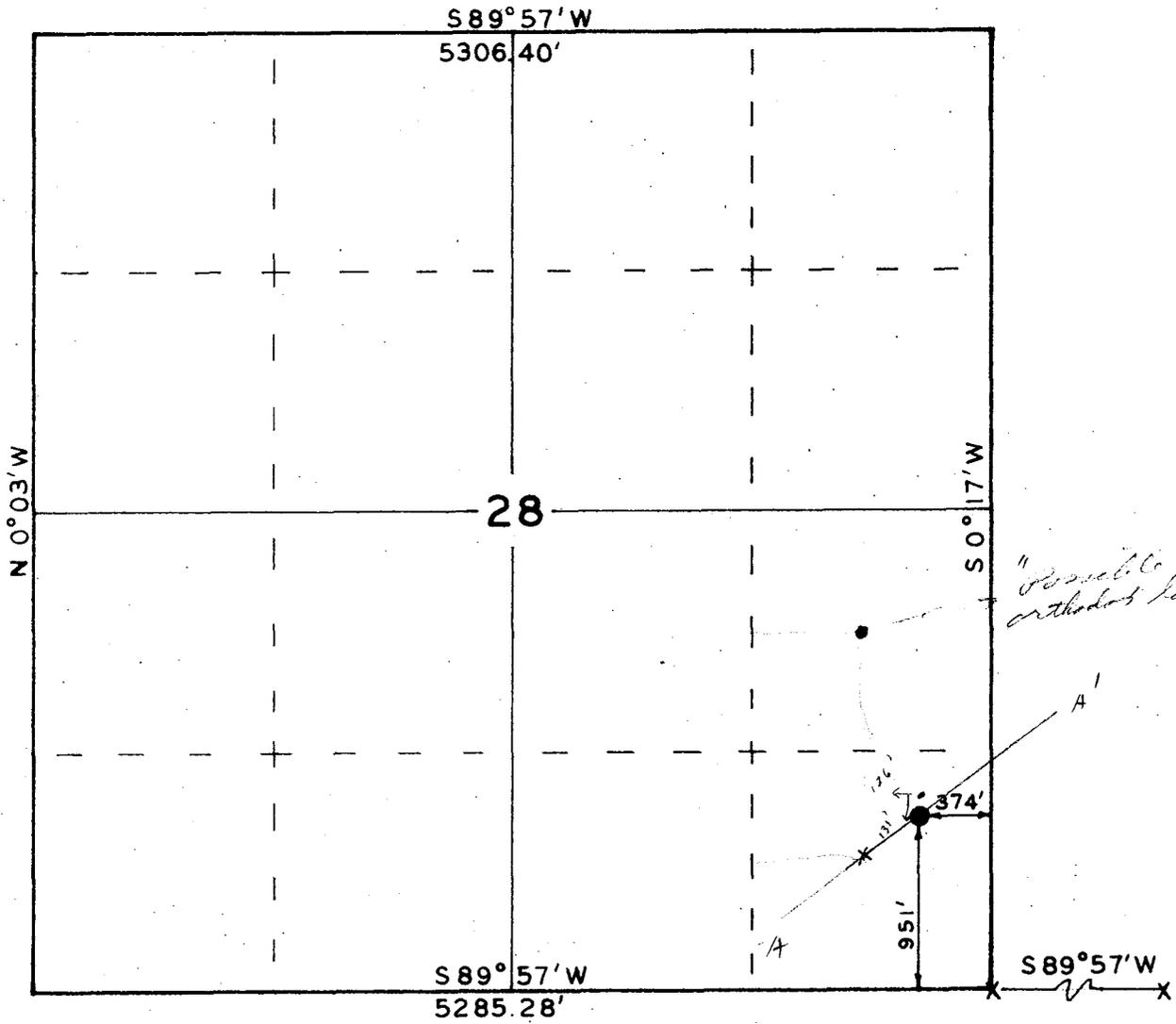


SUNRAY OIL COMPANY

UTAH FEDERAL E No.1
 Sec.28, T 3 S, R 22 E
 UINTAH COUNTY,UTAH

DRAWN BY _____ DATE _____
 TRACED BY _____ REV. SEC _____
 APPROV BY _____ SCALE = FEET _____ CODE NC

T3S, R22E, SLB & M



X = Corners Located (brass caps)

Scale: 1" = 1000'



R.D. Ross

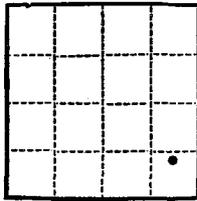
By: ROSS CONSTRUCTION CO.
Vernal, Utah

PARTY
R.D. Ross
F. Jaramillo
WEATHER Fair - Warm

SURVEY
SUN RAY MIDCONTINENT OIL CO.
UTAH FEDERAL E NO. 1, LOCATED AS SHOWN IN
THE SE 1/4, SE 1/4, SEC. 28, T3S, R22E, SLB & M.
UINTAH COUNTY, UTAH.

DATE 11/8/62
REFERENCES
GLO Township Plat
Approved 1911
FILE SUN RAY MID

Copy H.L.C.



T
3
S

R22E

(SUBMIT IN TRIPLICATE)
**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Land Office Salt Lake City, Utah
Lease No. U-089000
Unit Utah Federal 'E' #1

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	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)

Utah Federal November 12, 19 62

Well No. 'E' 1 is located 951 ft. from ~~SK~~ line and 374 ft. from ~~SK~~ line of sec. 28

NE SE 1/4 Sec. 28 3S 22E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Brush Creek Area Uintah Utah
(Field) (County or Subdivision) (State or Territory)
Wildcat

The elevation of the derrick floor above sea level is 5420 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)

NOTE: This well is located in very rough terrain, and the location was moved northeast from the center of the quarter quarter section in order to reach an accessible spot. Sunray has lease on Federal land which off-sets location on east.

It is proposed to drill with rotary tools to a TD of approximately 5500', or 100' into Weber sand. The well will spud in Mancos formation. The proposal is to set 9 5/8" OD 32.3# H-40 casing at 300' and cement to bottom of cellar. Drill-stem tests will be taken as indicated by mud logger. A mud gas logger to be on location at 3600'. No cores are expected. Electric Log and Micro Log will be run to TD. If data indicates commercial production, 5 1/2" OD 14# J-55 casing will be set to total depth and cemented at least 500' above upper pay zone. Expected formation tops are: Frontier @ 600', Dakota @ 950', Chinle @ 3100', and Weber @ 1600'.

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

Company Sunray DX Oil Company

Address 101 University Blvd.

Cherry Creek Center

Denver 6, Colorado

By *F. S. Goddard*
F. S. Goddard

Title District Production Coordinator

November 14, 1962

Sunray DX Oil Company
101 University Blvd.
Cherry Creek Center
Denver 6, Colorado

Attn: F. S. Goddard,
Dist. Prod. Coordinator

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Utah Federal 'E' #1, which is to be located 951 feet from the south line and 374 feet from the east line of Section 28, Township 3 South, Range 22 East, SLBM, Uintah County, Utah.

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

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

PAUL W. BURCHILL, 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.

Very truly yours,
OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE DIRECTOR

CBF:cp

cc: D. P. Russell, Dist. Eng.
USGS - Salt Lake City, Utah

H. L. Coonts, Pet. Eng.
OGCC - Moab, Utah

AM
MID
PM

Copy H. L. C.

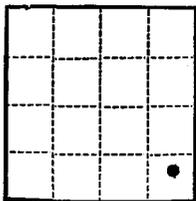
Budget Bureau No. 42-E358.4
Approval expires 12-31-60.

Form 9-331a
(Feb. 1951)

Land Office **Salt Lake City, Utah**
Lease No. **U-089000**
Unit **Utah Federal 'E' #1**

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



2222

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.....	X	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

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

Utah Federal "E" November 28, 1962

Well No. 1 is located 951 ft. from 35 line and 37 1/4 ft. from 28 line of sec. 28

35/4 Section 28 35 22E

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Brush Creek Area Uintah Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6111 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)

Well drilled to 3939'. 9 5/8" OD surface casing at 333' with 235 sacks. Frontier Sand at 3720', approximately 1000' lower than anticipated. No shows of oil or gas from log, mud logger, or samples.

It is proposed to plug and abandon by placing cement plugs at 3720' to 3620' with 38 sacks, and at 333' to 233' with 50 sacks. A 10 sack cement plug & dry hole marker will be placed in top of 9 5/8" OD surface casing.

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

Company Sunray Oil Company

Address 101 University Blvd.

Cherry Creek Center

Denver 6, Colorado

By [Signature]

Title District Production Coordinator

Sunray DX Oil Company

301 EL PASO BUILDING • 315 EAST SECOND SOUTH • SALT LAKE CITY 11, UTAH

District Office



November 30, 1962

Chief Petroleum Engineer
Utah Oil & Gas Commission
310 Newhouse Building
Salt Lake City, Utah

Re: Logs
SL62-EX10
Brush Creek Area
Uintah County, Utah

Dear Sir:

Enclosed please find one copy of the logs run on Sunray DX Oil Company's #1-E Utah Federal in compliance with State of Utah requirements.

Sincerely,

A handwritten signature in cursive script, appearing to read 'R. L. Lyon'. The signature is written in black ink and is positioned above the printed name.

R. L. Lyon

RLL/vw

Enclosure

16 3-11-62

Section 28

**STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION**

State Capitol Building
Salt Lake City 14, Utah

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

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Operating Company **R22E Sunray DX Oil Company** Address **101 University Blvd., Denver 6, Colorado**
 Lease or Tract **Utah Federal 'E'** Field **Wildcat** State **Utah**
 Well No. **1** Sec. **28** T. **3S** R. **22E** Meridian **XXX** County **Uintah**
 Location **951** ft. **N** of **31** Line and **37 1/2** ft. **E** of **Section 28** Line of **6100'** Elevation
(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 **F. S. Goddard** *[Signature]* Title **District Production Coordinator**
 Date **December 13, 1962**

The summary on this page is for the condition of the well at above date.
 Commenced drilling **November 22, 62**, 19... Finished drilling **November 29, 62**, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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

IMPORTANT WATER SANDS

None
 No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	32.3#	8		333'	Paker	-			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	333'	235	HOWCO		

MARK

LEASE UTAH FEDERAL 'E'
28 WELL NO. 1
SEC T. 38 R. 22E COUNTY
STATE Utah FIELD
A.F.E. NO. 11985-60

1
Uintah
Brush Creek Area

HISTORY OF WELL
AT TIME OF COMPLETION

Page 1

ALL DEPTHS FROM TOP OF KELLY BUSHING UNLESS OTHERWISE SPECIFIED

UTAH FEDERAL 'E' #1
(Drilling 5,500' Weber Test)

Exploratory Well - SDX 100% - Location 9C1'
FSL & 374' FEL of Section 28 - T3S - R22E
Uintah County, Utah - Dellson Drilling Company,
Contractor.

- 11-19-62 Building road & levelling location. G.L. 6100' - K.B. 10.80
- 11-20-62 MIRT
- 11-21-62 RURT
- 11-22-62 PD 340'. Drlg. Day 1. W.O.C. Progress 340' Sh. Spudded 12:00 noon 11-22-62.
& Drilled 13 3/4" hole to 340'. Set 9 5/8" OD, 32.3#, H-40 casing at 333' with
235 regular cement with 3% CaCl. Plug down 2:15 AM, 11-23-62. Circ. cement to
cellar, 80 sack excess. Dev. 1/8 deg. at 120', 1/4 deg. at 220', 1/4 deg. at
11-23-62 330'. Added 30 sacks Gel., 2 pounds Benex.
- 11-24-62 PD 1050'. Drlg. Day 2. Progress 710' Sh. Tested casing 1 BOP to 1,000# for
30 minutes, with fresh water. Drilled out at 11:15 PM, 11-23-62. Bit #1,
Hughes, 7 7/8" OSC3A, in at 340'. Dev. 1/2 deg. at 468', 1 1/4 deg. at 668',
1 1/4 deg. at 760', 1 3/4 deg. at 970'. Wt. 9.1#. Vis. 40 sec. Mud added,
10 sacks Gel., 150# CMC, 2# Benex.
- 11-25-62 PD 2313'. Drlg. Day 3. Making trip. Progress 1263' Sh. Bit #1 made 1200' in
14 1/4 hours. Bit #2 made 713' in 10 1/2 hours. Bit #2, Hughes, 7 7/8" OSC3A,
in at 1540'. Bit #3, Hughes. Dev. 2 1/4 deg. at 1240', 2 3/4 deg. at 1500',
3 3/4 deg. at 1580', 3 3/4 deg. at 2015', 3 3/4 deg. at 2250'. Wt. 9.0#.
Vis. 35 sec. W.L. 10.0 cc. Mud added, 50# CMC, 2# Benex.
- 11-26-62 PD 2750'. Drlg. Day 3. Progress 413'. Bit #3 made 387' in 15 1/2 hours.
6,000# on bit - 200 RPM. Bit #3, Hughes, 7 7/8" OSC3, in at 2313'. Bit #4,
Hughes, 7 7/8" OSC3, in at 2700'. Dev. 1 1/4 deg. at 2422', 5 1/4 deg. at 2690'.
Wt. 9.3#. Vis. 38 sec. W.L. 6.8 c.c. PH 8.0. Mud added, 15 sacks Gel.,
150# CMC, 25# Caustic, 25# Unical.
- 11-27-62 PD 3312'. Drilling Day 5. Drilling. Progress 568'. Bit #4 made 422' in 15 1/4
hours. Now running 30,000# on bit. Bit #5, Hughes, 7 7/8" OSC1G, in at 3172'.
Dev. 5 1/2 deg. at 2750', 5 deg. at 2815', 4 1/4 deg. at 2935', 3 1/4 deg. at
3024', 2 3/4 deg. at 3112', 2 3/4 deg. at 3172', 3 deg. at 3223'. Wt. 9.3#,
Vis. 39 sec. W.L. 7.2 c.c. PH 8.0. Mudd added, 5 sacks Gel., 200# CMC, 75#
Unical, 45# Caustic.

CORRECT

ENGINEER

APPROVED

SUPERINTENDENT

THIS FORM TO BE SUBMITTED ALONG WITH LOGS NOT LATER THAN 30 DAYS AFTER FIELD COMPLETION OR ABANDONMENT OF A WELL. SHOW
REGISTRATION DETAILS IN APPROPRIATE COLUMNS WITH DATE, LOCATION AND DEPTH OF WELL. SHOW CHANGES IN WELL DEPTH WITH RESPECT TO
CIRCULATION, BLOW BY, SURFERS, FISHES, AND OTHER VERTICAL AND HORIZONTAL MOVEMENTS. WITH ELECTRICAL LOGS, SHOW INDICATION OF LOG BIT
PRODUCTION LOGS BASED OFF BECKER TYPE LOGGING TOOLS SHOWS TYPE OF LOGS AND TOTAL EQUIPMENT DATA IN LOGGING CASING FILLED FROM TO
COMPLETION, SIDETRACKED FISH, SPOT AND AGE LOG RECORDS, PLUGS, ETC.

USE TYPEWRITER

HISTORY OF WELL
AT TIME OF COMPLETION

LEASE UTAH FEDERAL 'E'
SEC 28 T. 3S R. 22E WELL NO 1
STATE Utah COUNTY Uintah
FIELD Brush Creek Area
A.F.E. NO 11985-60

Page 2

ALL DEPTHS FROM TOP OF KELLY BUSHING UNLESS OTHERWISE SPECIFIED

- 11-28-62 PD 38' 0". Drlgr Day 6. Drilling. Progress 572' Sh. Bit #5, OSC made 533' in 19 1/4 hours. Bit #6, OSC1G, in at 3705'. Survey 3418' 2 3/4 deg., 3508' 2 3/4 deg., 3627' 2 3/4 deg., 3705' 2 3/4 deg., 3863' 3 deg. 30 to 35,000# wt. on bit. RPM 100. Wt. 9.3#. Vis. 43 sec. W.L. 7 c.c. Mud added, 200# CMC, 7 sacks Gel., 100# Unical, 50# Caustic. Top Frontier by samples 3720'.
- 11-29-62 TD. 3939'. Drlgr. Day 7. Plugging. Progress 49'. Bit #6, OSC1G made 234' in 10 1/4 hours. Survey 3939' 3 1/4 deg. Mud added, 15 sacks Gel., 100# Unical, 50# caustic, 100# CMC. Finished hole 12:00 noon, 11-29-62. Circ. 1 hour for logs. Ran Schlumberger I-ES, Microlog & Dip Meter Logs. Log TD 3838'. Top Frontier 3720'. Completed logging 10:00 PM. Strapped pipe. No correction. Plug #1 3720' - 3620', 100', with 38 sacks rep. cement. Plug #2: 333' - 233', in 9 5/8" csg., 100', with 40 sacks rep. cement.
- 11-30-62 Plugging. Placed 10 sack cement plug in top 9 5/8" csg. Installed dry hole marker. Released rig, 1:00 PM, 11-29-62.

P & A FINAL REPORT

CORRECT

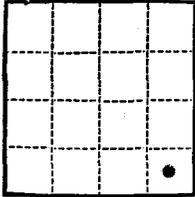
ENGINEER

APPROVED

SUPERINTENDENT

Copy H.L.C.

Land Office Salt Lake City, Utah
Lease No. U-089000
Unit Utah Federal 'E' #1



3
3
3

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

2222

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO ABANDON WELL.....	

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

Utah Federal 'E' _____ November 30, _____, 1962

Well No. 1 is located 952 ft. from [S] line and 37 1/2 ft. from [E] line of sec. 28
SE 1/4 Section 28 38 22E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Brush Creek Area Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6111 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 3939'. 9 5/8" OD, 32.3#, H-40, casing at 333'. Top Frontier sand at 3720'. Plug #1 from 3720' to 3620' with 38 sacks reg. cement. Plug #2 from 333' to 233' with 40 sacks reg. cement. 10 sacks reg. cement from 40' to 0' in 9 5/8" casing. Install dry hole marker in same. Plugged & Abandoned 11-29-62.

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

Company Sunray Oil Company
 Address 101 University Blvd.
Cherry Creek Center
Denver, Colorado

By [Signature]
 Title F. S. Goddard
District Production Coordinator

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

0 TOOLS USED

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

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

DATES

Pa 11-29-1922 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 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
0'	3720'	3720'	Mansos
3720'	3939'	219'	Frontier
			ELECTRIC LOG

[OVER]

At the end of complete Driller's Log, add Geologic Tops. State whether from Electric Logs or samples.