

FILE NOTATIONS

Entered in NID File
Entered On S R Sheet
Location Map Pinned
Card Indexed
I W R for State or Fee Land

Checked by Chief *PMB*
Copy NID to Field Office
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed *12-9-63*
OW..... WW..... TA.....
GW..... OS..... PA

Location Inspected
Bond released
State of Fee Land

LOGS FILED

Driller's Log *12-16-63*
Electric Logs (No.) *2*

E..... I..... E-I GR..... GR-N..... Micro.....
Lat..... Mi-L..... Sonic *GR* Others.....

Subsequent Report of Abandonment

*9/6/91
JCR*

Copy H-Y-E

(SUBMIT IN TRIPLICATE)

Indian Agency _____

	X	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Window Rock, Arizona

Allottee _____

Lease No. 14-20-603-395

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)

November 12, 1963

Utah Navajo "B"

Well No. 1 is located 1980 ft. from N line and 1980 ft. from W line of sec. _____

SE/4 NW/4 Section 4 43S 23E
(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~~ ^{Ground} above sea level is 5125 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)

We will drill to approximately 500'. Set 9 5/8" OD, 32.3# casing at approximately 500' and cement with sufficient cement with 2% Ca.Cl. to circulate to surface. BOPs will be installed and tested to 1,000# psi for 30 minutes. We will drill a 7 7/8" hole to approximately 6300' or to test the Molas formation, expected at 6280'. We will run Schlumberger I-ES from 500' to T.D. and Sonic from 4000' to T.D. If productive, 5 1/2" OD, 14# and 15 1/2# casing will be run through lowest productive zone and cemented at least 500' above highest zone. Casing will be perforated and treated as necessary to establish production.

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.
Denver, Colorado 80206

By *F. S. Goddard*
F. S. Goddard
Title District Manager

Company SUNRAY D X OIL COMPANY

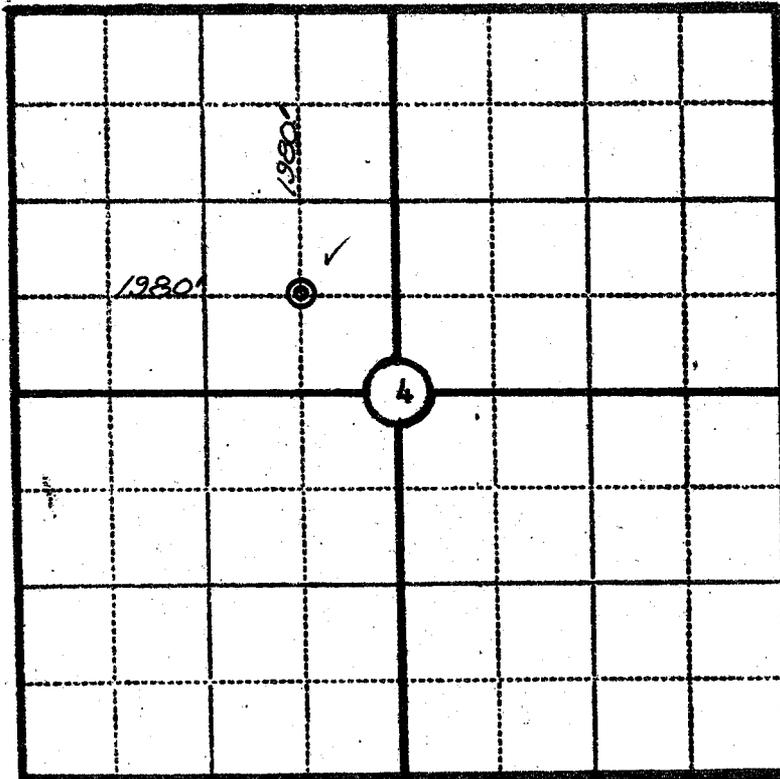
Lease UTAH NAVAJO TRIBAL Well No. B - 1

Sec. 4, T. 43 S., R. 23 E., S.1.M.

Location 1980' FROM THE NORTH LINE AND 1980' FROM THE WEST LINE.

Elevation 5125.0 UNGRADED GROUND.

SAN JUAN COUNTY UTAH



Scale—4 inches equal 1 mile

This is to certify that the above plat was prepared from field note 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.

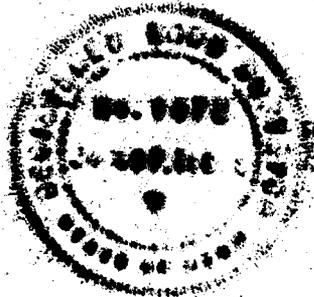
Seal:

James P. Lease
Registered Land Surveyor.

James P. Lease
Utah Reg. No. 1472

Surveyed 7 November, 1963

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.



THIS FORM TO BE SUBMITTED ALONG WITH RECORDS OF WELL LOGS MORE THAN 90 DAYS AFTER WELL COMPLETION. THIS FORM IS TO BE FILLED OUT BY A DRILLER OR SUPERVISOR. DETAILS IN CHRONOLOGICAL ORDER, WITH DATE, CONDITION AND DEPTH OF HOLE. SHOW TRACKS OF LOGS, WITH REASONS FOR ABLATION, BLOWOUTS, SURVEYS FOR DEVIATION FROM VERTICAL, DRILL STEM TESTS, CORING DEPTH, ELECTRICAL SURVEYS, DESCRIPTION OF POSSIBLE PRODUCING ZONES (ASED OFF, DESCRIPTION OF LIFTING JOBS SHOWING TYPES OF SHOES AND EQUIPMENT, DETAILS OF CASING PULLED PRIOR TO COMPLETION, SIDETRACKED FISH, SHOT AND G RECORDS, PLUGS, ETC.

USE TYPEWRITER.

HISTORY OF WELL
AT TIME OF COMPLETION

LEASE Utah Navajo "B" WELL NO. 1
SEC. 4 T. 43N R. 23E COUNTY San Juan
STATE Utah FIELD Wildcat
A.F.E. NO. 13738-60

ALL DEPTHS FROM TOP OF KELLY BUSHING UNLESS OTHERWISE SPECIFIED.

UTAH NAVAJO "B" #1
Projected depth 6300' - Molas
SDX 100%
Location: C/SE/NW Sec. 4-43N-23E, San Juan
County, Utah.
Contractor: Loffland Company

1963

- 11/12 Location staked by San Juan Engineering Company. Building road and location.
- 11/13 Building road and location.
- 11/14 Building road and location.
- 11/15 Building Road and location. M.I.R.T.
- 11. 18 Spudded 10 p.m. 11/17/63. Drlg. 13-3/4" hole. Drlg. @ 400'. 400' progress. Dev. 1/4° @ 88' - 1/2° @ 268'. (1DD)
- 11/19 Present Depth 525'. WOC - Surface csg. 125' progress. (2DD). 3 4° dev. @ 525'. Drld. 13-3/4" hole to 525'. Set 16 jts of 9-5/8" OD, 32.30#, H-40 csg. at 522' with 500 sx class "A" cement w/2% calc. chlor. (first 450 sx w/3% salt & 1/4# jelflake per sack). 100 sx circulated to cellar. Plug down at 2:30 p.m. 11-18-63. WOC 12 hrs. Installed BOP. Tested casing & BOP to 1000# w/clear water for 30 minutes. Held okey. WOC.
- 11/20 Drlg. 1560' - 1035' progress, 3DD. Viscosity 42 sec., WL 8.0 c.c., 3.0% oil, Mud wt. 9.2#. 1° dev. @ 715' - 1/2° @ 1002', 1-1/2° @ 1248'. WOC 18 hrs. tested. Drld. plug at 8:30 a.m. 11-19-63.
- 11/21 Drlg. 2700' - 1140' progress, 4DD. Visc. 42 sec, Mud Wt. 9.4#, WL 8.4 c.c., 4.0% oil, 1-1/2° dev. @ 1700, 1/2° @ 2296.
- 11/22 Drlg. 3089' - 389' progress, 5DD. Visc. 41 sec., Mud wt. 9.6%, WL 8.4 c.c., 1/2° dev. @ 2800, 1° @ 3066'. Bit #1 - 13-3/4 rerun in at zero feet; Bit #2, Security, 7-7/8", S-3J @ 525; Bit #3, Security, 7-7/8" S-3T @ 1248; Bit #4, Security, 7-7/8" S-3T @ 1905'; Bit #5, Security, 7-7/8" S-4T @ 2296; Bit #6, Security, 7-7/8" S-4T @ 2800; Bit #7, Security, 7-7/8" S-4T @ 3069'. Lost cones from Bit #6 - Fished out. Used 1-1/2 sx cellex, 2 sx dextroid, 12-1/2 gal condet., 50# caustic, 5 bbls. oil.

CORRECT _____ ENGINEER _____ APPROVED _____ SUPERINTENDENT _____

THIS FORM TO BE SUBMITTED ALONG WITH FORM NO. 114 NOT LATER THAN 10 DAYS AFTER WELL COMPLETION OR ABANDONMENT IF A DRY HOLE. SHOW HISTORICAL DETAILS IN CHRONOLOGICAL ORDER. DATE, CONDITION AND DEPTH OF HOLE. SHOW CHANGES IN TYPE OF MUD WITH REASONS. LOSS OF CIRCULATION, BLOWOUTS, SURVEYS FOR DEVIATION, MUD VERTICAL, DRILL STEM TESTS, CORING DEPTH, LITHOLOGICAL SURVEYS, DESCRIPTION OF POSSIBLE PRODUCING ZONES Cased Off, DESCRIPTION OF Casing JOBS SHOWING TYPES OF SHOES AND FLOORS. DETAILS OF CASING PULLED PRIOR TO COMPLETION, SIDETRACKED FISH, SHOT AND ACIDIZING RECORDS, PLUGS, ETC.

USE TYPEWRITER.

PAGE 2

HISTORY OF WELL
AT TIME OF COMPLETION

LEASE _____ WELL NO. _____
SEC. _____ T. _____ R. _____ COUNTY _____
STATE _____ FIELD _____
A.F.E. NO. _____

ALL DEPTHS FROM TOP OF KELLY PUSHING UNLESS OTHERWISE SPECIFIED.

UTAH NAVAJO "B" #1
Sec. 4-43N-23E
San Juan County, Utah - continued

1963

- 11/23 Drlg. 3475' - 386' progress, 6DD. Visc. 48 sec., Mud Wt. 9.0#, WL 8.5 c.c., 1° dev. @ 3256; 3/40 @ 3440. Bit #8, Security, 7-7/8" S-4-T @ 3259'. Used 22 sx gel, 1 sack lime, 8 sx cellex, 875# dextrid, 850# soda ash, 40-1/2 gal condet., 500# caustic, 500# C-616, 80 bbls. oil.
- 11/24 Drlg. 3810' - 335' progress, 7DD. Mud wt. 9.4#, Visc. 42 sec., WL 9.4 c.c., 1/2° dev. @ 3603'; Bit #9, Security 7-7/8" S-4T @ 3440; Bit #10, Security, 7-7/8" S-4T @ 3603'. Used 500# Quebracho, 300# Caustic, 200# cellex, 100# Dextrid, 20 bbls. oil, 4 gal condet., 350# C-616.
- 11/25 Drlg. 4142' - 332' progress, 8DD. Mud Wt. 9.3#, Visc. 46 sec., WL 12.0 c.c.; 3/40 dev. @ 4084; Bit #11, Security, 7-7/8" S-4T @ 3845'. Used 150# Quebracho, 150# caustic, 150# cellex, 100# dextrid, 15 bbls. oil, 6 gal condet.;
- 11/26 Trip for bit. Present depth 4451' - 309' progress, 9DD. Mud Wt. 9.4#; Visc. 48 sec., WL 9.2 c.c., 3.0% oil, 1-1/4° dev. @ 4301'; 3/40 @ 4427'; Bit #12, Security 7-7/8" S-4J @ 4084; Bit #13 Security 7-7/8" S-4J @ 4301'; Bit #14, Security 7-7/8" N-4N @ 4451; used 125# quebracho, 150# caustic, 120# cellex, 95# dextrid, 22 bbls. oil, 6-1/2 gal condet.
- 11/27 Drlg. 4708' - 257' progress, 10DD. Mud Wt. 9.4#, Visc. 43 sec., WL 8.4 c.c., 1/2° dev. @ 4615'; Bit #15 Security 7-7/8" N-4NJ @ 4615'; used 125# quebracho, 150# caustic, 90# cellex, 115# dextrid, 15 bbls. oil, 6 gal. condet.
- 11/28 Drlg. 4902' - 194' progress, 11DD. Mud Wt. 9.5#, Visc. 42 sec., WL 9.6 c.c.; 1° dev. @ 4895; Bit #16 Security 7-7/8" L Jt @ 4792; Bit #17 Hughes OWL @ 4891'; used 75# quebracho, 125# caustic, 95# cellex, 65# dextrid, 6 gal condet., 4 sx gal, 10 bbls. oil.
- 11/29 Drlg. 5123' - 221' progress, 12DD. Mud Wt. 9.6#, Visc. 40 sec., WL 9.6 c.c.; Bit #18 Security 7-7/8" M4L @ 4939; used 75# quebracho, 6 gal condet., 150# caustic, 75# cellex, 75# dextrid, 15 bbl oil.

CORRECT

ENGINEER

APPROVED

SUPERINTENDENT

USE TYPEWRITER.

PAGE 3

HISTORY OF WELL
AT TIME OF COMPLETION

LEASE _____ WELL NO. _____
 SEC. _____ T. _____ R. _____ COUNTY _____
 STATE _____ FIELD _____
 A.F.E. NO. _____

ALL DEPTHS FROM TOP OF KELLY BUSHING UNLESS OTHERWISE SPECIFIED.

UTAH NAVAJO "B" #1
 Sec. 4-43N-23E
 San Juan County, Utah - continued

1963
11/30

Drlg. 5311' - 188-progress, 13DD. Mud Wt. 9.5#, Visc. 36 sec., WL 6.2 c.c., 1-1/20 dev. @ 5263'; Bit #19 Security 7-7/8" M4L @ 5134'; Bit #20 Security 7-7/8" H7UT @ 5263; used 100# quebracho, 150# caustic, 120# cellex, 65# dextrid, 7 gal condet., 25 bbls. oil.

12/2

Drlg. 5616' - 176' progress, 15DD. Mud Wt. 9.2#, Visc. 48 sec., WL 4.4 c.c., 1-3/40 dev. @ 5551; used 75# quebracho, 150# caustic, 70# cellex, 65# dextrid, 4 gal, condet., 2 sx gel, 15 bbls. oil.

12/3

Drlg. 5798' - 182' progress, 16DD. Mud Wt. 9.2#, Visc. 38 sec., WL 6.0 c.c.; 1-1/20 @ 5629'; 20 @ 5784'; Bit #23 Security 7-7/8" H7 Jet @ 5351; Bit #24 Security 7-7/8" H7T @ 5629; used 50# quebracho, 100# caustic, 70# cellex, 50# dextrid, 20 bbls. oil, 7 gals condet, 2 sx gel, 100# C-616.

12/4

Preparing to DST. Present depth 5920' - 122' progress, 17DD. Mud Wt. 9.2#, Visc. 48 sec., WL 6.2 c.c.; 20 dev. @ 5920; Bit #25 Security 7-7/8" H7T Jet @ 5784; used 25# quebracho, 75# caustic, 50# dextrid, 50# cellex, 7 gal condet., 15 bbls. oil, 20 sx gel.

12/5

TD 6300' Molas - Projected depth; Drlg. 6049' - 129' progress, 18DD. Mud Wt. 9.2#; Fisc. 40 sec.; WL 5.2 c.c.; 20 dev. @ 6020'; Bit #26 Security 7-7/8" H7TJet @ 5920'; DST #1 5878-5920', Barker Creek. Open 1 hr with weak blow throughout. Recovered 160' very SOC&GCM. IHSP 2930#; ISIP (30 min) 1944#, IFP 130#, FFP 173#, FSIP (30 min) 1515#, FHSP 2930#; used 25# quebracho 15# caustic, 40# cellex, 35# dextrid, 2 gal condet., 2 sx gel, 10 bbls. oil, 25# C-616.

12/6

Drlg. 6110' - 61' progress, 19DD. Mud Wt. 9.3#, Visc. 42 sec., WL 6.0 c.c., Bit #27 Security 7-7/8" H7T @ 6020'. Down 12-1/4 hrs. clutch trouble. Used 15# quebracho, 25# caustic, 30# cellex, 30# dextrid, 4 gal. condet., 25# CC-16, 10 bbls. oil.

12/7

Drlg. 6263' - 153' progress, 20DD. Mud Wt. 9.4#, Visc. 38 sec., WL 6.0 c.c., 2-1/40 dev. @ 6104'; Bit #28 Security 7-7/8" H7U @ 6104; used 50# cellex, 50# dextrid, 15 bbls. oil, 6 gal condet, 75# CC-16.

ENGINEER

APPROVED

SUPERINTENDENT

U.

THIS FORM TO BE SUBMITTED ALONG WITH FORM NO. 114 NOT LATER THAN 10 DAYS AFTER WELL COMPLETION OR ABANDONMENT IF A DRY HOLE. SHOW HISTORICAL DETAILS IN CHRONOLOGICAL ORDER WITH DATE, CONDITION AND DEPTH OF HOLE. CHANGES IN TYPE OF MUD WITH REASONS. LOST CIRCULATION, BLOWOUTS, SURVEYS FOR LEAKS FROM VERTICAL, DRILL STEM TESTS, CORING AND ELECTRICAL SURVEYS. DESCRIPTION OF POSSIBLE PRODUCING ZONES CASSED OFF. DESCRIPTION OF CASING JOBS SHOWING TYPES OF SHOES AND FLANGES. DETAILS OF CASING PULLED PRIOR TO COMPLETION. SIDETRACKED FISH, SHOT AND ACIDIZING RECORDS, PLUGS, ETC.

USE TYPEWRITER.

PAGE 4

HISTORY OF WELL
AT TIME OF COMPLETION

LEASE _____ WELL NO. _____
SEC. _____ T. _____ R. _____ COUNTY _____
STATE _____ FIELD _____
A.F.E. NO. _____

ALL DEPTHS FROM TOP OF KELLY BUSHING UNLESS OTHERWISE SPECIFIED.

UTAH NAVAJO "B" #1
Sec. 4-43N-23E
San Juan County, Utah - continued

1963

12/8 Making trip @ 6457' - 194' progress, 21DD. Mut Wt. 9.2, Visc. 38 sec., WL 7.6 c.c.; Bit #29 Security H7U @ 6204'; Bit #30 Security H7T @ 6283'; used 50# cellex, 50# dextrid, 15 bbls. oil, 6 gal. condet, 75# CC-16.

12/9 Drilled to TD 6611' - 154' progress, 22DD. Mut Wt. 9.2#, Visc. 44 sec., WL 6.4 c.c., Bit #31 Security H7T @ 6457. Ran Schlumberger I-EX & Microlog. Driller's TD 6600'; Schlum. TD 6611'. Used 170# cellex, 65# dextrid, 300# soda ash, 100# CC-16, 2 gal. condet., 5 bbls. oil, 100# quebracho, 16 sx gel.

12/10 TD 6611' - P&A
2-3/4" dev. @ 6611'. Ran drillpipe open-ended and spotted cement plugs in open hole at 6457-6350 w/28 sx; 4430-4265 w/45 sx; 2345-2240 w/28 sx. Placed 12 sx cement plug in top of 9-5/8" OD surface casing. Installed dry hole marker. Rig released at 12 o'clock midnight. Well plugged and abandoned. FINAL REPORT.

APPROVED

December 4, 1963

Sunray DX Oil Company
101 University Blvd.
Denver, Colorado 80206

Attention: F. S. Goddard, District Manager

Re: Notice of Intention to Drill Well
No. UTAH NAVAJO "B"-#1, 1980' FNL &
1980' FWL, C SE NW of Section 4,
Township 43 South, Range 23 East,
SLEM, San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill Well No. Utah Navajo "B"-#1 is hereby granted. However, this approval is conditional upon a Designation of Agent being filed with this Commission in accordance with Rule A-4, 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 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 this well has not been spudded in within said period.

Enclosed please find Form OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling.

Sunray DX Oil Company

-2-

December 4, 1963

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. FREIGHT
EXECUTIVE DIRECTOR

CBF:cmp

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

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

Copy H. L. E.

(SUBMIT IN TRIPLICATE)

Indian Agency _____

Window Rock, Arizona

Allottee _____

Lease No. 14-82-603-395

	X	

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	X	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)

December 7, 19 63

Utah Navajo "B"
Well No. 1 is located 1980 ft. from N line and 1980 ft. from W line of sec. 4
NE/4 NE/4 Section 4 438 23
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~ground~~ Ground above sea level is 5125 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 has been drilled to 6063' with no indicated commercial shows. It is now proposed to deepen to 6600' or approximately 200' into Mississippian.

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.

Denver, Colorado 80206

By D. E. Hall
D. E. Hall

Title District Engineer

Card
No. 111
File
1110

Edy H. L. E.

Budget Bureau No. 42-R-359.3.
Approval expires 12-31-55.

[Handwritten initials]

Form 9-331 b
(April 1952)

(SUBMIT IN TRIPLICATE)

Indian Agency _____

X		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Window Rock, Arizona

Allottee _____

Lease No. 14-20-603-395

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 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 _____	X		

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

December 9, 1963, 19__

Utah Navajo "B"
Well No. 1 is located 1980 ft. from N line and 1980 ft. from W line of sec. _____

C SE NW Section 4 438 23E S12M
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~subsurface~~ ^{Ground} above sea level is 5125 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. is 6611'. We plan to place cement plugs at the following intervals: 6450-6350', 4420-4270', 2340-2240', 1400-1300' and 10 sack plug in surface. The hole will be kept full of mud. A marker consisting of 4" pipe and 10' in length of which 4' shall be above ground, will be set in cement at the surface.

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.

Denver, Colorado 80206

By *D. E. Hall*
D. E. Hall

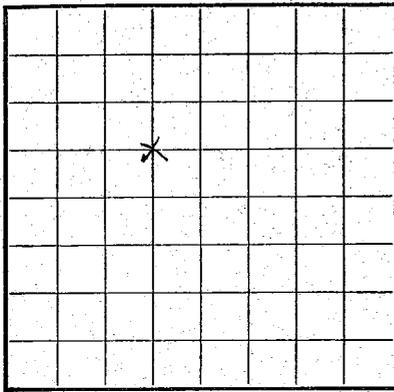
Title District Engineer

H.

U. S. LAND OFFICE Window Rock, Ariz.

SERIAL NUMBER 14-20-603-395

LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company SUNRAY OIL COMPANY Address 101 Univ. Blvd., Denver 6, Colorado

Lessor or Tract Utah Navajo "B" Field Wildcat State Utah

Well No. 1 Sec. 4 T. 43S R. 22E Meridian SLBM County San Juan

Location 1980 ft. N of N Line and 1980 ft. E of W Line of Section 4 Elevation 5135'
(Derriok 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 D. E. Hall
Title District Engineer

Date December 11, 1963

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

Commenced drilling November 17, 1963 Finished drilling December 8, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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

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-	
<u>9 5/8</u>	<u>32.3</u>	<u>8</u>	<u>Lone Star</u>	<u>506.43</u>	<u>Baker Guide</u>				<u>Surface</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8</u>	<u>522</u>	<u>500</u>	<u>Pump & Plug</u>		

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

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	522	500	Pump & Plug		

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 _____ feet to 6611 feet, and from _____ feet to _____ feet
 Cable tools were used from surface feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to Dry Hole - P & A, 12-¹⁰-63, 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

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Tops (Electric Log)
			Chinle 1345'
			De Chelly 2268
			Organ Rock 2592
			Cedar Mesa 3422
			Hermosa 4320
			Ismay 5295
			Anido Cr. 5396
			Desert Cr. 5454
			Barker Cr. 5846
			Molas 6272
			Miss. 6370

HISTORY OF OIL OR GAS WELL

16-43004-2 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.

Spudded 11-17-63
Drilled 12-1/4" hole to 522'
Set 9-5/8" csg. @ 522 and cemented w/500 sx; circulated
Drilled 7-7/8" hole to a T.D. of 6611'

One DST -- 5878-5920'
IHHP 2933 PSI
ISIP 30 min 1944
IFP 130 PSI
VFP 173 PSI
FSIP 1515
FHHP 2933

Tool open 1 hr.
Rec. 160' SO & GCM

Plugged as follows:
6457-6350 w/ 28 sx
4430-4265 w/ 45 sx
2345-2240 w/ 28 sx
1405-1300 w/ 28 sx
12 sx in top of 9-5/8 csg.
Marker at surface

SECRET

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

WELL LOG

NO. 1

DATE

(SUBMIT IN TRIPLICATE)

Indian Agency _____

X		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Window Rock, Arizona

Allottee _____

Lease No. 14-20-603-395

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 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)

December 12, 1963

Utah Navajo "B"

Well No. 1 is located 1900 ft. from $\begin{matrix} N \\ \square \\ S \end{matrix}$ line and 1900 ft. from $\begin{matrix} E \\ \square \\ W \end{matrix}$ line of sec.

SE 1/4 NW 1/4 Section 4
(1/4 Sec. and Sec. No.)

43E
(Twp.)

23E
(Range)

11E
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 5135 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)

Spudded 10:00 P.M. 11-17-63. Drilled 13 3/4" hole to 525'. Set 9 5/8", 32.3' casing at 522' and cemented w/300 sacks Class A cement w/2% Ca-CL. (first 450 sacks w/3% salt and 1/4% Gelfishes/sack) - circulated. WOC 30 hours. Installed BOPs and tested casing to 1000' with clear water for 30 minutes. Drilled 7 7/8" hole to 6611'. Ran Induction-Electrical Survey and Microlog. Ran drill pipe open ended and spotted cement plugs in open hole at 6457' to 6350' w/28 sacks, at 4430 to 4865 w/45 sacks, at 2345 to 2840 w/28 sacks, and 1405 to 1300 w/28 sacks. Placed 12 sack cement plug in top of 9 5/8" casing. Installed dry hole marker. P & A 12:00 midnight 12-9-63.

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.

Durango, Colorado

By D. E. Hall

D. E. Hall

Title District Engineer

December 16, 1963

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

Attention: D. E. Hall, District Engineer

Re: Well No. Utah Navajo "B"-#1
Sec. 4, T. 43 S, R. 23 E.,
San Juan County, Utah

Gentlemen:

We are in receipt of your "Log of Oil or Gas Well", U. S. Geological Survey Form 9-330 for the above mentioned well, where you indicate that this well is located in Range 22 East rather than 23 East as our records show.

Would you please clarify this discrepancy for us at your convenience.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

OIL AND GAS CONSERVATION COMMISSION

AFFIDAVIT AND RECORD OF ABANDONMENT AND PLUGGING

PLUGGING METHODS AND PROCEDURE: - The method and procedure for plugging a well shall be as follows:

- (a) The bottom of the hole shall be filled to, or a bridge shall be placed at the top of each producing formation open to the well bore, and in either event, a cement plug not less than **fifty (50) feet in length** shall be placed immediately above each producing formation open to the well bore whenever possible.
- (b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet above and below all fresh water bearing strata.
- (c) A plug shall be placed at or near the surface of the ground in each hole.
- (d) The interval between plugs shall be filled with heavy mud-laden fluid.
- (e) The hole shall be plugged with heavy mud up to the base of the surface string at which point a plug of not less than fifty (50) feet of cement shall be placed.

Field or Pool Wildcat County San Juan
 Lease Name Utah Navajo "B" Well No. 1 Sec. 4 Twp. 43S R. 22E
 Date well was plugged: 12-9-, 19 63.

Was the well plugged according to regulation of the Commission: Yes

Set out method used in plugging the well, the nature and quantities of materials used in plugging, size of plugs, location and extent (by depths) of the plugs of different materials, and the amount of casing left in hole, (giving size, top and bottom elevations of each section of abandoned casing).

Hole filled w/mud and cement plugs as follows:

6457 - 6350 w/28 sacks
4430 - 4265 w/45 sacks
2345 - 2240 w/28 sacks
1405 - 1300 w/28 sacks
12 sacks in top of 9 5/8" casing - bottom of casing at 522'
10' of 4" pipe w/4' above ground used as marker

Operator SUNRAY DX OIL COMPANY

Address 101 University Blvd.

Denver, Colorado 80206

AFFIDAVIT

STATE OF ~~UTAH~~ COLORADO
COUNTY OF DENVER

Before me, the undersigned authority on this day personally appeared (D.E. HALL) D. E. Hall, known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein, and that said report is true and correct.

Subscribed and sworn to before me this 12th day of DEC., 19 63.

My Commission Expires:

My Commission expires September 3, 1967.

[Signature]
NOTARY PUBLIC

INSTRUCTIONS: Complete this form in duplicate.

N.

Handwritten initials and the number 7.

December 17, 1963

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

Re: Well No. Utah Navajo "B"-#1
Sec. 4, T. 43 S, R. 23 E.,
San Juan County, Utah

Gentlemen:

We are in receipt of your well log for the above mentioned well. However, upon checking this information, we notice that you did not report the water sands encountered while drilling.

Please complete the enclosed Forms OGCC-8-X, and return to this office as soon as possible.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

Enclosure

Handwritten mark at the bottom left corner.

400

7-11-63

Shirley DX Oil Company

District Office



101 University Blvd.
Denver 6, Colorado

December 19, 1963

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

Attention Clarella N. Peck, Records Clerk

Re: Well No. Utah Navajo "B" #1
Sec. 4, T43S, R23E
San Juan County, Utah

Gentlemen:

The correct location for our Utah Navajo "B" No. 1 is in
Section 4, Township 43 South, Range 23 East, San Juan County,
Utah.

Our U.S.G.S. Form 9-330, "Log of Oil & Gas Well" was in error
in showing Range 22 East.

Very truly yours,

D. E. Hall
District Engineer

DEH:tw

1.

PWB
7

December 20, 1963

MEMO FOR FILING:

Re: Sunray DX Oil Company
Navajo "B"-#1
Sec. 4, T. 43 S. R. 23 E.,
San Juan County, Utah

On December 9, 1963, verbal approval was given to Mr. Don Holland of Sunray DX Oil Company to plug the above mentioned well in the following manner:

Plugs will be set at:

- (1) 6450'-6350'
- (2) 4420'-4270'
- (3) 2340'-2240'
- (4) 1400'-1300'
- (5) 10 sacks at the surface with the prescribed marker.

The total depth of the well was 6611' and the only pipe remaining in the hole was 525' of 9 5/8" surface casing. No plug was necessary above the 1300' mark since it was considered tight.

Although Mr. Holland did not have available the geologic tops he informed this office that the U. S. Geological Survey reviewed the well logs and the above plugging program and it meets with their approval. Mr. Holland was advised that when cleaning a location commences both the rat and mouse holes should be bridged.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:kgw

cc: H. L. Coonts, Petroleum Engineer
Oil and Gas Conservation Commission
Moab, Utah

4.

210

V
PMB

Sunray DX Oil Company

District Office



January 8, 1964

101 University Blvd.
Cherry Creek Center
Denver, Colorado 80206

State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City, Utah 84111

Attention: Clarella N. Peck, Records Clerk

Subject: Well No. Utah Navajo "B" No. 1 - Your letter 1-7-64
Section 4, T43S-R23E
San Juan County, Utah

Gentlemen:

There was an error in the logs which made it necessary to send them back. We will send you a copy of the electric logs as soon as we receive them. We should receive them by next week.

Yours truly,

D. E. Hall
District Engineer

DEH:mkv

2.

January 7, 1964

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

Attention: D. E. Hall, District Engineer

Re: Well No. Utah Navajo "B"-#1
Sec. 4, T. 43 S., R. 23 E.,
San Juan County, Utah

Gentlemen:

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 logs were not run, please make a statement to that effect in order to keep our records accurate and complete.

Thank you for your cooperation in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

MAKE COPY & RETURN

IN REPLY REFER TO:



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 959
Farmington, New Mexico

Feb. 3, 1964

Mr. Harvey Coonts
Utah Oil & Gas Conservation Comm.
Moab, Utah

Dear Harvey:

The following abandoned wells in San Juan Co., Utah were inspected and approved by this office during January:

Champlin Oil & Refg. No. 2 Navajo 130, NW $\frac{1}{4}$ 21-43S-25E
Continental Oil Co., No. 1 Navajo "E", NW $\frac{1}{4}$ 24-42S-23E
Shell Oil Co., No. 2 Tohonadla, NW $\frac{1}{4}$ 7-42S-22E
Miami Petroleum No. B-1 Navajo Tr. 12, SE $\frac{1}{4}$ 28-41S-21E

The following abandoned wells were inspected but not approved:

APCO No. 1-X-28 Navajo, NW $\frac{1}{4}$ 28-43S-25E
Compass Exploration, No. 1-28 Gothic Mesa South, NE $\frac{1}{4}$ 28-41S-23E
Compass Exploration, No. 1-4 Dunes, SW $\frac{1}{4}$ 4-42S-23E
Sunray "DX" No. 1 Navajo "B", NW $\frac{1}{4}$ 4-43S-23E


P. T. McGrath