

- |  |                                     |
|--|-------------------------------------|
| Scout Report sent out                              | <input checked="" type="checkbox"/> |
| Noted in the NID File                              | <input checked="" type="checkbox"/> |
| Location map pinned                                | <input checked="" type="checkbox"/> |
| Approval or Disapproval Letter                     | <input checked="" type="checkbox"/> |
| Date Completed, P. & A, or<br>operations suspended | <hr/>                               |
| Pin changed on location map                        | <input type="checkbox"/>            |
| Affidavit and Record of A & P                      | <input type="checkbox"/>            |
| Water Shut-Off Test                                | <input type="checkbox"/>            |
| Gas/Oil Ratio Test                                 | <input type="checkbox"/>            |
| Well Log. Filed                                    | <input type="checkbox"/>            |

**THE RECORDS**

Checked by Chief

.....

Checked by Chief

..... ✓

Copy NID to Field Office

..... ✓

Copy NID to Field Office

..... ✓

Approval Letter

..... ✓

Approval Letter

..... ✓

Disapproval Letter

..... ✓

Disapproval Letter

.....

State of New Land

.....

BW

11-5-58

Location

GW

Date

OW

CS

PA

✓

State of New Land

**LOSSES FILED**

Dial's Log

1-26-59

Electric Log

(2) 3

E

I

E-I

✓

GR

GR-N

✓

Micro

✓

Lat

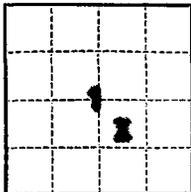
M-L

Sonic

Others

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Tribal Lands

Lease No. 14-20-603-247

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 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)

February 28, 19 58

**North Desert Creek**

Well No. 22-1 is located 1980 ft. from 12 line and 1980 ft. from 1 line of sec. 1

SE 1 41 E 23 E S12M  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation ~~of the base of the well~~ is 4595 ft. (Approx. 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)

**Proposed work:**

1. Drill 12-1/4" hole to 1400'±.
2. Run and cement 8-5/8" casing at 1400'± with 700 sacks treated cement.
3. Drill 7 - 7/8" hole to 5505'±.
4. Cement 5-1/2" casing at 5505'± with 200 sacks construction cement.
5. Clean out to 5507'±.
6. Wireline core 4-3/4" hole to 5660'±.
7. Run tubing with formation packer. Spot 500 gal. mud acid.
8. Acidise in two stages with 3,000 gal. regular and 3,000 gal. retarded acid.
9. Swab well in and establish production rate.

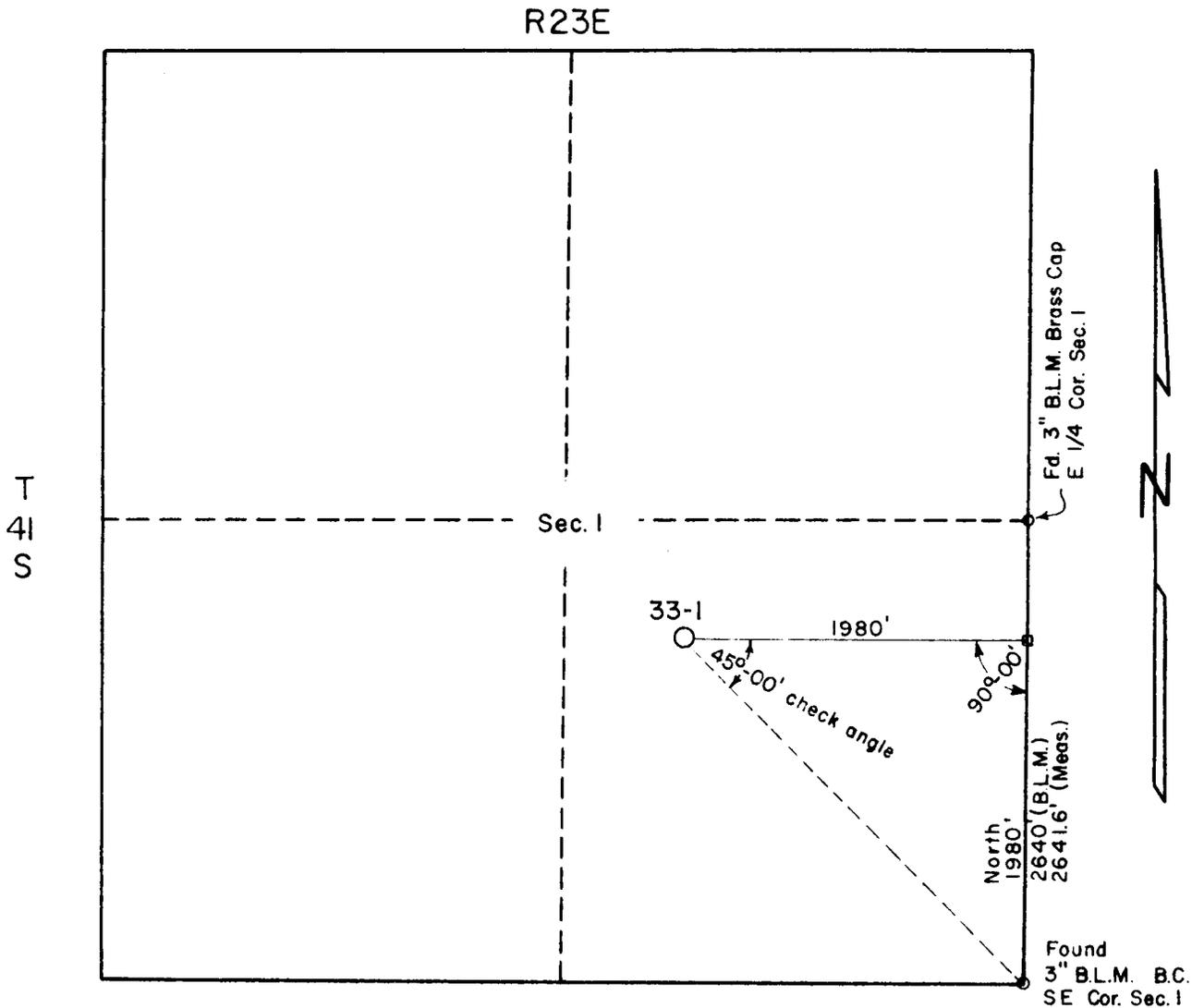
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Shell Oil Company

Address 101 South Debrand Avenue

Farmington, New Mexico

Original signed by  
By E. W. SHEPARD  
Title E. W. Shepard  
Exploitation Engineer



Set 1" X 2" hub and 6' flag at location 1980' N. & 1980' W. from the S.E. corner Sec. 1, T41S, R23E, S.L.B.M. San Juan Co. Utah. Tract No. 77. R.P. set 150' N, 150' W, 150' S. & 100' E. of location. B.M. at R.P. 150' S. Feb 6, 1958. Field book F-3, Page 35.

Elevation Data  
Ground - 4594.8  
B.M. - 4596.05

This is to certify that the above plat was plotted from field notes of a survey made under my supervision, and that the same is true and correct to the best of my knowledge and belief.

*[Signature]*  
Registered Land Surveyor  
Certificate No. 3123

DRAWN BY B.H.F.

TRACED BY

CHECKED BY *B.H.F.*

**SHELL OIL COMPANY**

DATE 2-6-58

SCALE 1" = 1000'

FILE NO. Z-

LOCATION OF NORTH DESERT CREEK 33-1  
SAN JUAN COUNTY, UTAH, SEC. 1, T. 41 S., R. 23 E., SLM

March 5, 1958

Shell Oil Company  
101 South Behrend  
Farmington, New Mexico

Attention: E. W. Shepard, Exploitation Engineer

Gentlemen:

This is to acknowledge receipt of your notices of intention to drill Well No. North Desert Creek (Rutherford) 13-1, which is to be located 1980 feet from the south line and 4620 feet from the east line of Section 1, and Well No. North Desert Creek (Rutherford) 33-1, which is to be located 1980 feet from the south line and 1980 feet from the east line of Section 1, Township 41 South, Range 23 East, S1EM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said wells is hereby granted.

This approval terminates within 90 days if the above mentioned wells are not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

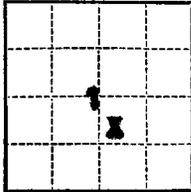
CLEON B. FREIGHT  
SECRETARY

CHF:cn

cc: Phil McGrath  
USGS, Farmington,  
New Mexico

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Tribal Lands

Lease No. 14-20-603-247

SUNDRY NOTICES AND REPORTS ON WELLS

Submission of	
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 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 9, 1958

Well No. 33-1 is located 1980 ft. from (N) line and 1980 ft. from (E) line of sec. 1

SE 1 (1/4 Sec. and Sec. No.)      41S (Twp.)      21E (Range)      SLM (Meridian)  
Rutherford (Field)      San Juan (County or Subdivision)      Utah (State or Territory)

The elevation of the ~~derisk floor~~ above sea level is 4595 ft. (Approx. 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)

Proposed Work:

1. Drill 12-1/4" hole to 1400'±.
2. Run and cement 8-5/8" casing at 1400'± with 700 sacks treated cement.
3. Drill 7-7/8" hole to 5505'±.
4. Cement 5-1/2" casing at 5505'± with 200 sacks construction cement.
5. Clean out to 5507'±.
6. Wireline core 4-3/4" hole to 5660'±.
7. Run tubing with formation packer. Spot 500 gal. mud acid.
8. Acidize in two stages with 3,000 gal. regular and 3,000 gal. retarded acid.
9. Swab well in and establish production rate.

Note: This notice of intention was submitted and approved by P. T. McGrath, March 5, 1958.

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

Company Shell Oil Company

Address 705 N. Municipal Dr.

Farmington, New Mexico

Original signed by  
By B. W. SHEPARD

Title B. W. Shepard  
Exploitation Engineer

September 12, 1956

Shell Oil Company  
705 West Municipal Drive  
Farmington, New Mexico

Attention: B. W. Shepard, Exploitation Engineer

Re: Well No. Rutherford (North  
Desert Creek) 33-1, SE  
Section 1, Twp 41 South,  
Rge. 23 East, SLEM, San Juan  
County, Utah

Gentlemen:

With reference to your resubmission of notice of intention to drill the above mentioned well, please be advised that approval to drill said well is hereby granted.

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

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

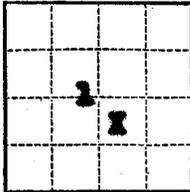
CLEON B. FEIGHT  
SECRETARY

CBF:co

cc: Phil McGrath  
USGS, Farmington,  
New Mexico

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Tribal Lands

Lease No. 14-00-603-247

SUNDRY NOTICES AND REPORTS ON WELLS

7-K  
10-7

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	X
NOTICE OF INTENTION TO ABANDON WELL		

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

October 1, 1958

North Desert Creek

Well No. 33-1 is located 1980 ft. from N line and 1980 ft. from W line of sec. 1

R1 (1/4 Sec. and Sec. No.)      11S (Twp.)      23E (Range)      SLM (Meridian)  
Rutherford (Field)      San Juan (County or Subdivision)      Utah (State or Territory)

Kelly Bushing

The elevation of the ~~surface~~ above sea level is 4606 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 9-17-58
- 9-17-58 Cemented 13-3/8" conductor pipe at 72', good returns to surface.
- 9-18-58 Recemented, Conductor pipe (water flow) with 100 sacks cement - small returns.
- 9-19-58 Ran bit, pumped out green cement. Recemented with 50 cement.
- 9-21-58 Ran and cemented 8-5/8", 28#, J-55 casing at 1471' with 250 sacks Diamix and 200 sacks treated cement.
- 9-22-58 Flanged up. Pressure tested casing with 800 psi, OK. Water broke out around conductor pipe while drilling at 1735'. Cemented between conductor and surface casing with 250 sacks cement. Stopped flow for 55 minutes. Recemented with 360 sacks cement, cement to surface, stopped water flow.

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

Company Shell Oil Company

Address 705 W. Municipal Drive

Farmington, New Mexico

By \_\_\_\_\_

Title B. W. Shepard  
Exploitation Engineer

**DRILLING REPORT**

FOR PERIOD ENDING

10-17-58

Ratherford

(FIELD)

San Juan, Utah

(COUNTY)

(SECTION OR LEASE)

T11S R23E

(TOWNSHIP OR RANGE)

DAY	DEPTHS		REMARKS
	FROM	TO	
9-17 to 9-23	0	1735'	<p><u>Locations:</u> 1980'N and 1980'W of SE Corner, Section 1, T11S, R23E, SLBM, San Juan County, Utah</p> <p><u>Elevations:</u> DF 4605.1' GR 4595.1' KB 4606.3'</p> <p>Spudded 6:15 A.M. 9-17-58. Cemented 13-3/8", 48# conductor pipe at 72' with 50 sacks cement. Good returns. Drilled to 489', cement gave way around conductor pipe, recemented with 40 sacks cement, no returns. Recemented with 60 sacks cement, 40 on inside, 20 on outside - small returns. Ran bit, circulated out green cement, cemented with 50 sacks cement. Drilled to 1735'. Ran and cemented (1461') 8-5/8", 28#, J-55 casing at 1471' with 250 sacks 1-1 Diamix followed by 200 sacks cement, all treated with 2% calcium chloride, 13-16# slurry. Flanged up and waited on cement. Pressure tested casing and BOP with 800 psi, OK. Water broke out around conductor pipe, cemented between conductor pipe and casing with 250 sacks cement, stopped flow for 55 minutes. Recemented between conductor pipe and casing with 360 sacks cement treated with 3% calcium chloride in stages. Water flow stopped.</p>
9-24 to 10-10	1735'	5508'	<p><u>Drilled 3773'.</u></p>
10-11	5508'	5538'	<p><u>Drilled 30'.</u> DST #1 5464-5508'. Johnston Testers. Two 6-5/8" BT packers at 5457' and 5464', 44' of tail perforations 5466-5498 (32') 3 pressure recorders Johnston (in) T-5442, Amerada (out) - 5499, Johnston T - (out) 5506. Used 30' air cushion, very faint blow, dead 20 minutes. Initial shut-in 30 minutes, open 1 hour. Final shut-in 3/4 hour. Recovered 45' (.27 bbl.) mud. ISIP 1088, IFP 50, FFP 60, FSIP 70, HP 2990/2999.</p>
10-12	5538'	5561'	<p><u>Drilled 23'.</u> Ran Induction-Electrical survey, Microlog and Gamma Ray-Neutron Log.</p>

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES				

Ratherford

(FIELD)

**DRILLING REPORT**

FOR PERIOD ENDING

1

(SECTION OR LEASE)

San Juan, Utah

(COUNTY)

10-17-58

T11S R23E

(TOWNSHIP OR RANGHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
10-13	5561'	T.D.	DST #2. 5517-5561' Johnston Testers, two 4" conventional packers at 5510 and 5517'. Three pressure recorders, Johnston (in) T - 5496, Johnston T - (out) 5546, Amerada (out) - 5555'. "Surface bean, 3/4" subsurface bean. Perforations 5519-5543" (24'). Used 30' air cushion. Initial shut-in 1/2 hour. Open 2 hours, final shut-in 1 1/2 hours. Weak initial blow increasing slightly but remaining weak throughout test. Recovered 155' (2.3 bbls.). Very slightly gas cut mud. Lost 10' of fluid in annulus when rotating to open and close valve. ISIP failed IFP 33, FFP 97, FSIP 1822, HP 2925/2943.
10-14	5517'	5561'	Acid Treatment, 4 3/4" open hole. Ran Lynes packer on 2 7/8" tubing. Displaced mud from rathole with water. Washed formation with 100 gal mud acid in two 15 minute stages. Displaced mud acid with XFW acid. Set Lynes packer at 5517'. Injected 2000 gal XFW acid, flushed with 34 bbls. water. Started acid into formation at 11:16 PM, finished 11:40 PM. Initial pressure 3400 psi. broke to 2200 psi in one minute. Injection pressures, maximum 3700 psi, minimum 3500 psi, average rate for acid 1.8 bbl./min., for flush 2.5 bbl./min. Shut in at 11:42 PM, pressure 3400 psi, bled to 2800 psi in 4 min, to 2200 psi in 10 min., to 2000 psi in 15 min., to 350 psi in 4 hrs. Total acid and water in formation and in tubing 82 bbls.
10-15 to 10-16			Started swabbing 7 AM 10-15-58. Swabbed 26 hours. Recovered total 59 bbls. gross fluid consisting of 11 barrels oil and 48 barrels acid water (34 barrels acid water yet to recover). Last 8 hours pulled swab every 2 hours, recovering 1.0 to 2.0 barrels gross per swab run, cut 10 to 40% acid water, swabbing from bottom (5500'+), estimated fluid level 5200+'. Estimated rate of gross fluid entry 0.9 barrels/hour or 22 barrels/day during last 8 hours of test.

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES				

SHELL OIL COMPANY

North Desert  
WELL NO. Creek 33-1

DRILLING REPORT

FOR PERIOD ENDING

10-17-58

Bathenford  
(FIELD)  
San Juan, Utah  
(COUNTY)

1  
(SECTION OR LEASE)  
T11S R23E  
(TOWNSHIP OR RANCHO)

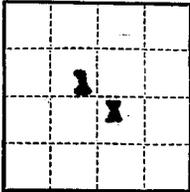
DAY	DEPTHS		REMARKS
	FROM	TO	
10-17	5561'	TD	<p>Ran open end drill pipe, plugged with 35 sacks cement at 5545, 4550, 2540'. Plugged with 50 sacks cement at 1525'. Found top of top plug at 1390'. Installed abandonment marker with a 10 sack cement surface plug. Released rig 4:00 PM 10-17-58. Abandoned.</p> <p>Checked BOP daily.</p> <p>Mud Summary                      vit 9.7 - 9.9# gal.                      vis 30 - 75 sec.                      WL 3.3 - 27 cc                      FC 2/32"</p> <p>Contractor: Moran Drilling Company                      Drillers: T. M. Ash                      M. E. Ridens                      L. Schmidt</p> <p>Co. Pusher: C. L. Christiansen</p>

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12 1/4"	0	1735	8 5/8"	1471'
7 7/8"	1735	5508	"	"
4 3/4"	5508	5561	"	"
DRILL PIPE SIZES 4 1/2"				

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Tribal Lands

Lease No. 14-20-603-247

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	<b>X</b>
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 21, 1958

North Desert Creek

Well No. 33-1 is located 1980 ft. from SW line and 1980 ft. from E line of sec. 1

SE 1                      41S                      23E                      SLBM  
(1/4 Sec. and Sec. No.)      (Twp.)                      (Range)                      (Meridian)  
Rutherford                      San Juan                      Utah  
(Field)                      (County or Subdivision)                      (State or Territory)

Kelly Bushing

The elevation of the ~~center~~ top above sea level is 4606 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)

Abandonment Work

- With open end drill pipe plugged as follows:
  - 35 sacks cement      5395-5545
  - " " "                      4450-4550
  - " " "                      2440-2540
  - " " "                      1425-1525
- Located top plug at 1370'.<sup>1370</sup>
- Installed marker with a 10 sack cement cap and abandoned 10-17-58.

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

Company Shell Oil Company

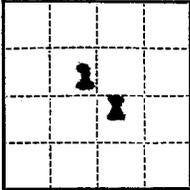
Address 705 West Municipal Drive

Farmington, New Mexico

By M. W. Shepard  
Title Exploitation Engineer

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Trust Lands

Lease No. 14-80-603-217

SUNDRY NOTICES AND REPORTS ON WELLS

7-H  
10-31

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)

October 21, 1958

North Desert Creek  
Well No. 33-1 is located 1980 ft. from N line and 1980 ft. from W line of sec. 1

SE 1 41S 23E 31EM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Ratherford San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

Kelly Bushing  
The elevation of the ~~derrick floor~~ above sea level is 4606 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)

**Status:** Well had no significant shows (dry hole)  
Casing 8 7/8" @ 1471  
Hole size 7 7/8" FROM 1471 TO 5561 TO

**Proposed Work:**

- With open end drill pipe plug as follows:
  - 35 sacks cement 5395-5545
  - 35 sacks cement 4450-4550
  - 35 sacks cement 2440-2540
  - 35 sacks cement 1425-1525
- Feel for top plug, if not above 1450', recement.
- Install marker with a 10 sack cement cap and abandon in accordance with U.S.O.S. regulations.

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

Company Shell Oil Company

Address 705 West Municipal Drive

Farmington, New Mexico

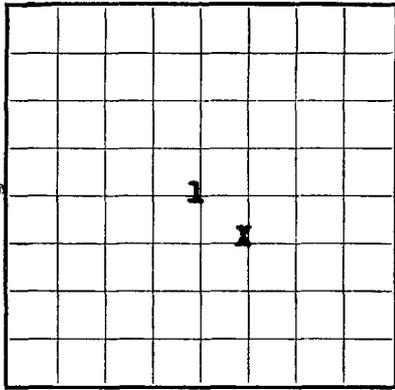
By \_\_\_\_\_

Title B. W. Shepard  
Exploitation Engineer

W



U. S. LAND OFFICE Tribal Lands  
SERIAL NUMBER 14-20-603-247  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address 705 W. Municipal Dr., Farmington, N.M.  
Lessor or Tract Tribal-North Desert Creek Field Ratherford State Utah  
Well No. 33-1 Sec. 1 T. 41S R. 23E Meridian SLEM County San Juan  
Location 1980 ft.  $\left. \begin{matrix} N. \\ S. \end{matrix} \right\}$  of S Line and 1980 ft.  $\left. \begin{matrix} E. \\ W. \end{matrix} \right\}$  of E Line of Section 1 Elevation 4605 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.

Original signed by

Signed B. W. SHEPARD

Date November 5, 1958

Title Exploitation Engineer

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

Commenced drilling September 17, 1958 Finished drilling October 12, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No commercial zone

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 \_\_\_\_\_

*Wiscneg: Dumb* CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8-5/8"</u>	<u>28#</u>	<u>8</u>	<u>Nat'l</u>	<u>1461</u>	<u>Baker</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>8-5/8"</u>	<u>1471</u>	<u>1060</u>	<u>Displacement</u>		

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

FOLD MARK

FOLD MARK

8-5/8"	1471	1060	Displacement		

**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 ..... feet, and from ..... feet to ..... feet

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

**DATES**

Abandoned as "Dry Hole" .....  
 November 5, 1938 ..... 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 Moran Bros. Drilling Company**

T. M. Ash ..... Driller ..... L. Schmidt ..... Driller

M. E. Ridens ..... Driller ..... Driller

**FORMATION RECORD**

FROM--	TO--	TOTAL FEET	FORMATION
2248	2385	137	Shinarump
2385	2487	102	Moenkopi
2487	4502	2015	Cutler
4502	5482	980	Hermosa
5482	---	---	Paradox

JAN 26 1939

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