

FILE NOTATIONS

Entered In N I D File ✓
 Entered On S R Sheet _____
 Location Map Pinned ✓
 Card Indexed ✓
 I W R for State or Fee Land _____

Checked by Chief RJS
 Copy N I D to Field Office ✓
 Approval Letter ✓
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 7-30-61
 OW _____ WW _____ TA _____
 GW _____ OS _____ PA ✓

Location Inspected B/C
 Bond released _____
 State of Fee Land _____

LOGS FILED

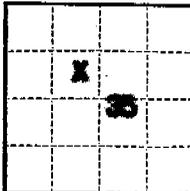
Driller's Log 8-18-61
 Electric Logs (No.) 3
 E _____ I-E ✓ E-I _____ GR _____
 Lat _____ Mi-L _____ Sonic _____

GR-N _____ Micro _____
 Others Radioactivity Log
Contact Caliper Log

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Allottee Tribal Lands
Lease No. 14-30-403-1464



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)

June 20, 19 61

Desert Creek
Well No. 22-35 is located 2120 ft. from N line and 1920 ft. from W line of sec. 35
SE 1/4 35 T. 41 S., R. 28 E. S11M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Desert Creek **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick roof above sea level is 4887 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)

1. Drill 17-1/4" hole to 80'; Run and cement 80'; 12-3/8" with 75 sacks cement.
2. Drill 12-1/4" hole to 1600'.
3. Run and cement 8-3/8" 32# J-55 casing at 1600'; with 400 sacks cement treated with 2% Calcium Chloride.
4. Drill 7-7/8" hole to 3170' and 4-3/4" hole to 3300' (TD) (Desert Creek Zone).
5. Cement 5-1/2", 12-1/2" J-55 casing at 3170'; with 200 sacks cement.
6. Acidize open hole with 4300 gallons of 15% HCL Acid.
7. Place well on production and establish initial 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 P. O. Box 1200
Farmington, New Mexico

Original Signed By
W. M. MARSHALL
By W. M. Marshall
Title Division Exploitation Engineer

COMPANY SHELL OIL COMPANY

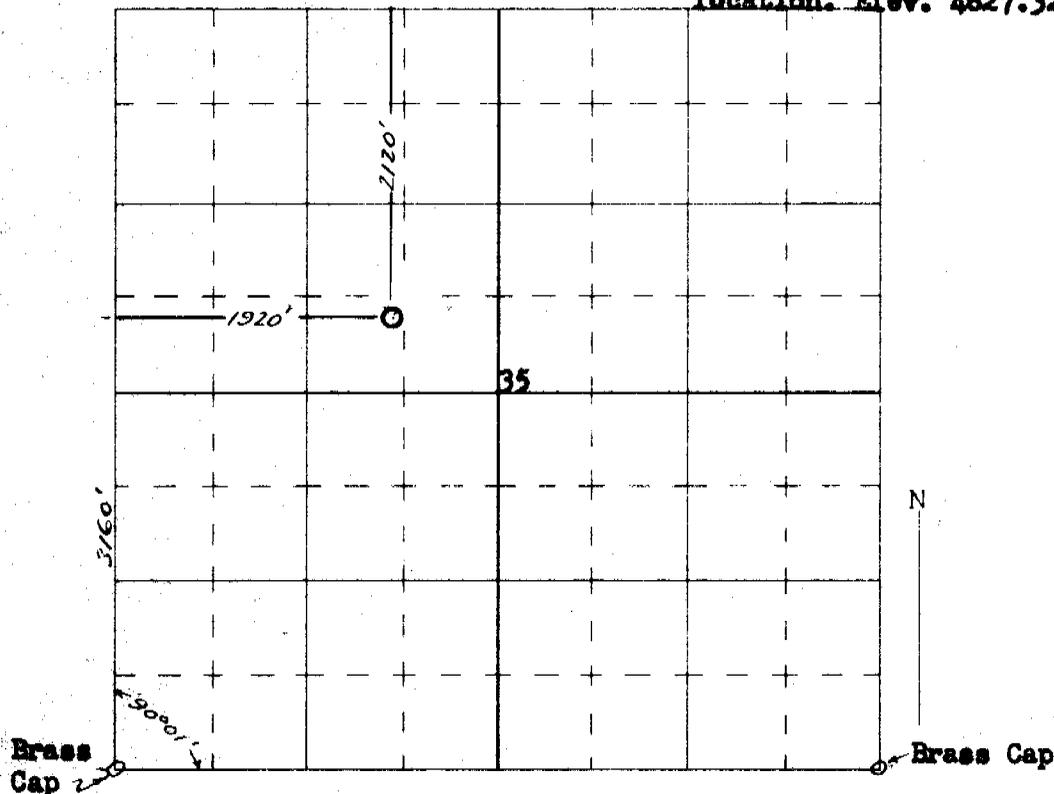
Well Name & No. DESERT CREEK No. 22-35 Lease No. _____

Location 2120' FROM THE NORTH LINE AND 1920' FROM THE WEST LINE.

Being in SW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$

Sec. 35, T 41 S, R 23 E, S.L.M. SAN JUAN COUNTY, UTAH

Ground Elevation 4827.0 UNGRADED GROUND TEM: $\frac{1}{2}$ " Iron pin set 170' West of location. Elev. 4827.32

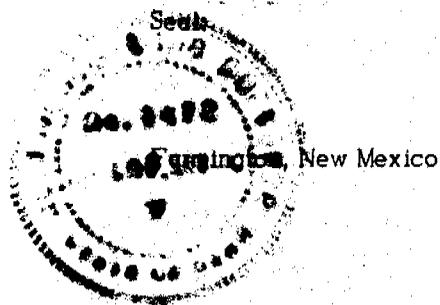


Scale -- 4 inches equals 1 mile

Surveyed 16 June, 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.

James O. L... ..
Registered Professional
Engineer and Land Surveyor.
Utah Reg. No. 1472



June 21, 1961

Shell Oil Company
P. O. Box 1200
Farmington, New Mexico

Attn: W. M. Marshall, Div. Exploitation Eng.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Desert Creek 22-35, which is to be located 2120 feet from the north line and 1920 feet from the west line of Section 35, 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 well is hereby granted.

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:awg

cc: P. T. McGrath, Dist. Eng.
U. S. Geological Survey

H. L. Goents - OGCC, Moab

(SUBMIT IN TRIPLICATE)

Indian Agency _____
Navajo _____
Allottee Tribal Lands
Lease No. 14-20-603-248

X			
	35		

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	X
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)

July 19 _____, 19 61

Desert Creek

Well No. 22-35 is located 2120 ft. from [N] line and 1920 ft. from [E] line of sec. 35

SE NW 35
(1/4 Sec. and Sec. No.)

T. 41 S., R. 23 E.
(Twp.) (Range)

S.L.B.M.
(Meridian)

Desert Creek
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~drill floor~~ ^{kelly bushing} above sea level is 4842 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 7-10-61.

7-10-61 Ran and cemented 13-3/8", H-40, 48# conductor pipe at 96' with 100 sacks cement.

7-12-61 Ran and cemented 8-5/8", J-55, 32#, ST&C Casing at 1524' with 200 sacks 1.1 Pozmix followed by 200 sacks cement treated with 2% calcium chloride. Flanged up and waited on cement.

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 Post Office Box 1200
Farmington, New Mexico

By W. M. Marshall
W. M. Marshall
Title Division Exploitation Engineer

DRILLING REPORT
 FOR PERIOD ENDING

Desert Creek
 (FIELD)
 San Juan, Utah
 (COUNTY)

7-30-61

35
 (SECTION OR LEASE)
 T. 41 S., R. 23 E.
 (TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
7-10 to 7-11	0	1015	Location: 2120' S., 1920' E. of NW corner Section 35, T. 41 S., R. 23 E., S.L.B.M., San Juan County, Utah. Elevation: KB 4842.3 DF 4839.0 GR 4827.9 Spudded 3:00 A.M. 7-10-61. Ran and cemented 13-3/8", H-40, 48# casing at 96' with 100 sacks.
7-12	1015	1529	Ran and cemented 8-5/8", J-55 ST & C, CF & I, 32# casing at 1524' with 200 sacks 1:1 Pozmix cement followed by 200 sacks API Class A treated with 2% calcium chloride, displaced with 92 barrels water. Displacement pressure 250-500 psi. Bumped plug with 750 psi, O.K.
7-13 to 7-29	1529	5088	<u>Drilled 3559'</u> . Ran Induction Electrical, Radioactivity and contact caliper surveys. Ran DST #1, 4538-4638 (Desert Creek zone), ISI 1 hour, open 3 hrs. Gas to surface 3 minutes. Flowed 60 MCF/D rate, FSI 1 hr. Attempted to backscuttle. Casing head leaked and could not get returns. Estimated recovery 30' mud - no oil (reversing sub 90' above tool and all fluid below reversing sub was mud). ISIP 1745, IFP/FFP 55/110, FSIP 1895 (1 hr.), HP 2315.
7-30	5088 (T.D.)		Plugged and abandoned well as follows: (a) 50 sx. 4550-4400 (across Paradox shale) (b) 50 sx. 4100-3950 (across top of Hermosa) (c) 50 sx. 3450-3300 (within Cutler) (d) 50 sx. 2750-2600 (within Cutler) (e) 70 sx. 2450-2200 (across top of Cutler-Shinarump) (f) 70 sx. 1575-1405 (across shoe of casing) Located top of plug at 1405'. Installed marker with 10 sx. cement cap. Plugged and abandoned 6:00 A.M. 7-30-61. <u>Mud Summary:</u> Wt. 9.2 - 9.7#/gal. Vis. 37-55 sec. WL 5.5-19.0 cc FC 2/32" Ph 5.0-10.5

End

Contractor: Rutledge Drilling Company
 Contract Pusher: E. R. Horton
 Drillers: H. Lawrence
 M. E. Wayman
 Olin Glover
 Company Pusher: H. H. Brigham

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
17-1/4"	0'	98'	13-3/8"	96'
12-1/4"	98'	1529'	8-5/8"	1524'
7-7/8"	1529'	5088'		
DRILL PIPE SIZES 4"				

B. W. Shepard

SIGNED

(SUBMIT IN TRIPLICATE)

X		
35		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Allottee Tribal lands
Lease No. 14-20-603-248

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)

August 1, 1961

Desert Creek
Well No. 22-35 is located 2120 ft. from N line and 1920 ft. from W line of sec. 35

35 (1/4 Sec. and Sec. No.) 41 S. (Twp.) 23 E. (Range) S. 1. E. M. (Meridian)
Desert Creek (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the Kelly Bushing ~~drainage floor~~ above sea level is 4842 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)

Proposed Work:

- With open end drill pipe plugged as follows:
 - 50 sacks 4550-4400 (across Paradox shale).
 - 50 sacks 4100-3950 (across top of Harnosa).
 - 50 sacks 3450-3300 (within Cutler).
 - 50 sacks 2750-2600 (within Cutler).
 - 70 sacks 2450-2200 (across top of Cutler - Shinarump).
 - 70 sacks 1600-1450 (across shoe of casing).
- Locate top of plug and recement if not above 1475'.
- Cement at surface with 10 sacks cement and install marker.

Abandoned 7-33-61.

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 Post Office Box 1200
Farmington, New Mexico

Original Signed By
W. M. MARSHALL

By W. M. Marshall
Title Division Exploitation Engineer

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal Lands

Lease No. 14-20-403-248

	X			
	35			

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)

August 3, 1961

Desert Creek

Well No. 22-35 is located 2120 ft. from N line and 1920 ft. from W line of sec. 35

SE 1/4 Sec. 35
(1/4 Sec. and Sec. No.)

41S
(Twp.)

20E
(Range)

S1E1
(Meridian)

Desert Creek
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

Kelly Dushing

The elevation of the ~~2120~~ above sea level is 4042 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:
 - 50 sacks 4520-4400 (across Paradox Shale).
 - 50 sacks 4160-3920 (across Top of Hammock).
 - 50 sacks 3450-3300 (within Cutler).
 - 50 sacks 2750-2600 (within Cutler).
 - 70 sacks 2450-2200 (across top of Cutler - Shinarump).
 - 70 sacks 1575-1405 (across shoe of casing).
- Located top of plug at 1405'.
- Installed marker with 10 sacks cement cap and abandoned 7-30-61.

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 P. O. Box 1200

Farmington, New Mexico

By

W. M. MARSHALL

W. M. Marshall
Title Division Exploitation Engineer

Aug

122

(SUBMIT IN TRIPLICATE)

Indian Agency _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Navajo

Allottee Tribal Lands

Lease No. 14-20-603-248

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	X
NOTICE OF INTENTION TO ABANDON WELL		

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

August 10, 1961

Desert Creek
Well No. 22-35 is located 2120 ft. from $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$ line and 1920 ft. from $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$ line of sec. 35

SE 1/4 Sec. 35 41 S 23 E S12M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Desert Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~drank floor~~ Kelly bushing above sea level is 4842 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)

7-28-61 Ran DST No. 1, 4538-4638 (Desert Creek zone). ISI 1 hr., open 3 hrs.
Gas to surface in 3 minutes. Flowed 60 MCF/D rate. Recovered 30' mud - no oil. Pressures: ISIP 1745, IFF/ITP 55/110, PSIP 1895 (1 hr.)

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 Post Office Box 1200
Farmington, New Mexico

Original Signed By
W. M. MARSH
By
W. M. Marshall
Title Division Exploitation Engineer

