

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   
Copy NID to Field Office   
Approval Letter   
Disapproval Letter

COMPLETION DATA:

Date Well Completed 10-10-57  
OW..... WW..... TA.....  
GW..... OS..... PA X

Location Inspected \_\_\_\_\_  
Bond released \_\_\_\_\_  
State of Fee Land AKC

Driller's Log 10-31-57 LOGS FILED

Electric Logs (No. 1) 3

1 1 1 1 1 1  
F M-L E-L GR GR-N Micro  
Sonic Others

5-15-91  
for

		X	
	28		

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah

Lease No. U - 01981

Unit Recapture Creek

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)

..... May 22 ....., 1957 .....

Well No. Recapture Creek Unit 31-28 is located 660 ft. from N line and 3300 ft. from W line of sec. 28

NW NE 28 (1/4 Sec. and Sec. No.) 408 (Twp.) 23E (Range) S1E1M (Meridian)

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

The elevation of ~~the surface of the well~~ is 4505 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)

1. Drill 11" hole to 1245'±.
2. Run and cement 8 5/8" casing at 1245'± with 300 sacks cement.
3. Drill 7 7/8" hole to TD - 5600'.
4. If commercial production is obtained, a supplementary completion notice will be issued, otherwise, plug and abandon in accordance with U.S.G.S. regulations.

Surface formation is Jurassic.

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 106 North Behrend Avenue

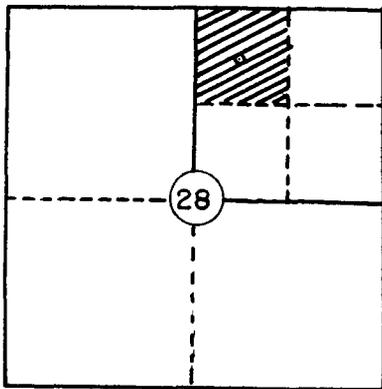
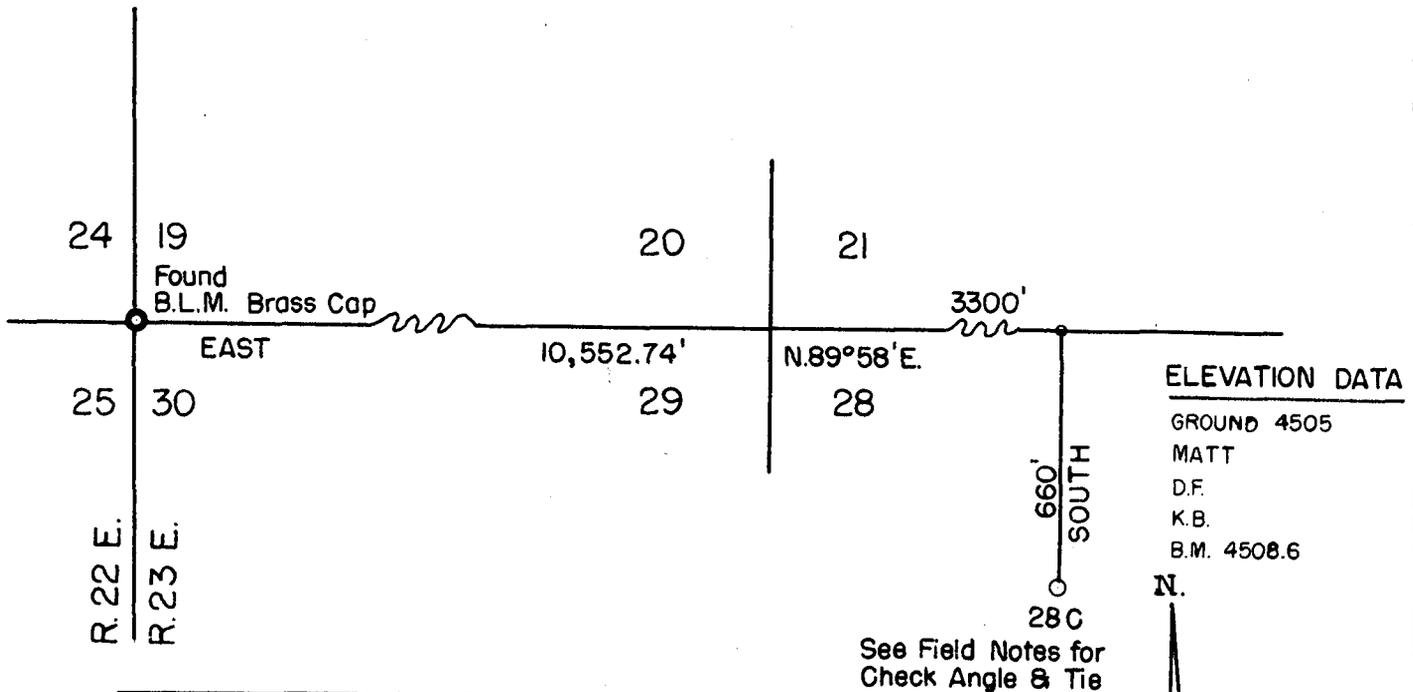
Farmington, New Mexico

By R. S. MacALISTER, JR.  
Original signed by  
R. S. Mac Alister, Jr.  
Title Division Exploitation Engineer

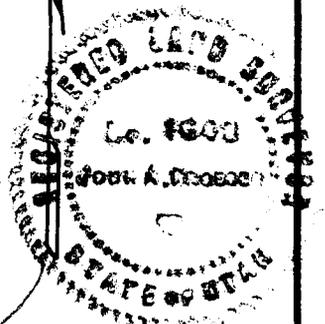
T.40S. S.L.B.M.

REFERENCE POINT DATUM:

1"x2" stakes set at 10' N., S., E., & W. of Loc.  
 1 1/2"x4" C.I. Pipe and Lead Cap set at Loc. being 3300' East  
 and 660' South of the Record Location of Sec. 28, T.40S.,  
 R.23E., S.L.B.M.  
 1"x2" hub and 3' flag set at 150' N., E., & W. of Loc.  
 1"x2" hub and 3' flag set 250' S. of Loc. for B.M.  
 Elevations hereon reference to SJE - BM at Loc. 23 = 16.



This is to certify that the above plat was prepared from field notes of actual surveys made under my supervision, and that the same are true and correct to the best of my knowledge and belief.



*John A. Kroeger*  
 John A. Kroeger - Reg. L.S.  
 Utah Reg. No. 1648

Drawn By: ACT	<b>SHELL OIL COMPANY</b>	Scale 1"=500'
Checked By: <i>JAK</i>		
Date: 5/18/57		

LOCATION OF RECAPTURE UNIT 31=28  
 SAN JUAN COUNTY, UTAH, SEC. 28, T. 40 S., R. 23 E., S1M

May 24, 1957

Shell Oil Company  
108 North Behrend Avenue  
Farmington, New Mexico

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Recapture Creek Unit 31-28, which is to be located 660 feet from the north line and 3300 feet from the west line of Section 28, Township 40 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.

The approval of the Oil and Gas Conservation Commission would not be necessary if an unexecuted copy of the Recapture Creek Unit Agreement was filed with this office, as provided for under Rule A-3.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT  
SECRETARY

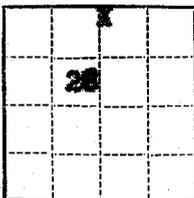
CBF:cn

cc: Phil McGrath/ Jerry Long  
U. S. G. S. Farmington,  
New Mexico

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **1890**  
Lease **Recapture Creek**  
Unit \_\_\_\_\_



*Notes  
COK  
7-1-57*

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)

JUN 20 1957, 19

**Recapture Creek**  
Well No. **Unit 31-28** is located **660** ft. from **N** line and **3300** ft. from **W** line of sec. **28**  
**SW NE 28 40S 23E S.L.B.N.**  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Recapture Creek San Juan Utah**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ **kelley building** above sea level is **4517.9** 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 5-27-57)

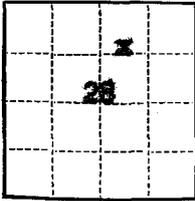
5-29, 30-57

Run and cemented 1224' of 8-5/8" 24# J-55 casing at 1236' with 350 sacks gel cement followed by 100 sacks regular treated cement (water flow stopped momentarily). Cemented around outside of surface casing with 50 sacks regular cement. Water flows began and flowed cement out of hole. Recemented around outside of surface casing with 150 sacks but unable to stop water flow. Perforated 4-1/2" holes at 490' and cemented with 750 sacks treated cement. Cement to surface. Cemented around outside of surface pipe with 50 sacks cement, water flow stopped. Flanged up and waited on cement. Found top plug at 450' cleaned out solid cement (over)

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 **108 North Behrend Avenue**  
**Farmington, New Mexico**  
By **B. W. Shepard**  
**B. W. Shepard**  
Title **Exploitation Engineer**





(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake, Utah

Lease No. U 01890

Unit Recapture Creek

*Notes  
C.A.H.  
8-23-57*

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.....	
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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 19, 19 57

Recapture Creek Unit

Well No. 31-28 is located 660 ft. from  $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$  line and 3300 ft. from  $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$  line of sec. 28

NW NE 28  
(¼ Sec. and Sec. No.)

40S  
(Twp.)

23E  
(Range)

SLEM  
(Meridian)

Recapture Creek  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ~~corrick~~ <sup>KELLY BUSHING</sup> floor above sea level is 4517.9 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

1. Plugged as follows:

- 30 sacks at 5600' (5500-5600')
- 30 sacks at 4550' (4450-4550')
- 30 sacks at 3400' (3300-3400')
- 30 sacks at 2620' (2520-2620')
- 30 sacks at 2320' (2150-2320')
- 30 sacks at 1500' (1400-1500')
- 70 sacks at 1246' top of plug at 1160', water flow from 4 holes at 490' cemented with 160 sacks at 390' found top of cement at 60', cemented to surface, installed marker and abandoned according to USGS regulations. 6-25-57.

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 Behrend

Farmington, N. H.

By B. W. Shepard  
B. W. Shepard

Title Exploitation Engineer

DRILLING REPORT

FOR PERIOD ENDING

6-24-57

28

(SECTION OR LEASE)

T 40 S, R 23 E

(TOWNSHIP OR RANCHO)

Recapture Creek

(FIELD)

San Juan, Utah

(COUNTY)

DAY	DEPTHS		REMARKS
	FROM	TO	
57			
			Location: 660' S and 3300' E of NW Corner Sec 28, T 40 S, R 23 E., SLBM San Juan County, Utah
			Elevations: DF 4516.0 GR 4506.8 KB 4517.9
5-27 to 5-31	0	1245	Spudded 5-27-57. Ran and cemented 8 5/8", 24#, J-55 casing at 1236' with 750 sacks treated cement. Couldn't stop water flow. Perforated four 1/2" holes at 490' and cemented with 750 sacks treated cement. Cement to surface but settled back. Cemented around surface casing with 50 sacks cement. Water flow stopped. Waited on cement. Tested BOP and casing with 700 psi for 15 minutes, OK. Found top plug at 450'. Circulated out solid cement 450-490' and stringers of cement 490-1218'.
6-1 to 6-19	1245	5540	<u>Drilled 4295'</u>
6-20	5540	5560	<u>Drilled 20'</u> . Ran Electrical Survey Induction Log, Gamma Ray-Neutron and Micrologs.
6-21 to 6-22	5560	5669	<u>Drilled 109'</u> Ran Electrical Survey Induction log, Gamma Ray-Neutron and Micrologs.
6-23 to 6-24	5669	TD	With open end drill pipe, plugged as follows: 30 sacks cement at 5600' 30 " " " 4550' 30 " " " 3400' 30 " " " 2620' 50 " " " 2320' 30 " " " 1500' 70 " " " 1246'
			Found top plug at 1160'. Water flow from surface plug. With open end drill pipe at 390' cemented with 160 sacks cement. Found top of cement at 60'. Cemented to surface. Installed marker and abandoned 6-24-57.

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES				
4 1/2				

Checked BOP daily  
Mud summary  
Wt 9.1-9.7 #/gal  
Vis 35-57 sec  
WL 6.0-11.1 cc  
FC 2/32  
pH 11-12  
Contractor: Great Western Drilling Co.  
Drillers: W. O. Chambers  
S. W. Woods  
J. W. Huett

B. B. ROBINSON

SIGNED

U. S. LAND OFFICE SALT LAKE CITY, UTAH  
SERIAL NUMBER U01890  
LEASE OR PERMIT TO PROSPECT 3

			X		
		28			

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address 101 South Behrend, Farmington, N.M.  
Lessor or Tract Federal Field Wildcat State Utah  
Recapture Creek  
Well No. 31-28 Sec. 28 T. 40S R. 23E Meridian SLBM County San Juan, Utah  
Location 660 ft.  $\left\{ \begin{matrix} N. \\ S. \end{matrix} \right\}$  of N. Line and 3300 ft.  $\left\{ \begin{matrix} E. \\ W. \end{matrix} \right\}$  of W. Line of Section 28 Elevation 4517.9 XB

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 B.W. Shepard

Date October 10, 1957 Title Exploitation Engineer

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

Commenced drilling May 27, 19 57. Finished drilling June 24, 19 57

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 1236 ? 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>8 5/8</u>	<u>24#</u>	<u>8</u>	<u>Spang</u>	<u>1236</u>	<u>Baker</u>		<u>See attached</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>1236</u>	<u>1550</u>	<u>Displacement</u>	<u>-</u>	<u>-</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
<u>None</u>						

FOLD MARK

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1236	1550	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
None						

**TOOLS USED**

Rotary tools were used from 0 feet to 5669 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Abandoned as dry hole

**DATES**

October 10 \_\_\_\_\_, 19-57- 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**

Great Western Drilling Company  
 W. O. Chambers \_\_\_\_\_, Driller S.W. Wood \_\_\_\_\_, Driller  
 J. W. Hiett \_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
1450	2230	780	Chinle
2230	2300	70	Shinarump
2300	2468	168	Moenkopi
2468	4520	2052	Cutler
4520	5625	1105	Upper Hermosa
5625	5669	44	Paradox

FOLD MARK

### 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.

Attached: Drilling History


FOR THE USE OF THE PARTY

DEPARTMENT OF THE INTERIOR

BUREAU OF OIL AND GAS

OCT 31 1957