

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 6-20-56
OW _____ TA _____
GW _____ OS _____ PA X

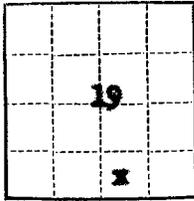
Location Inspected _____
Bond released _____
State of Fee Land _____

Driller's Log 7-26-56 LOGS FILED
Electric Logs (No. 1) 2
E I _____ E-I _____

Let _____ Mi-L _____ GR _____
Sonic _____ GR-N _____ Micro _____
Others Farmacia Supply

- Scout Report sent out
- Noted in the NID File
- Location map pinned
- Approval or Disapproval Letter
- Date Completed, P. & A, or operations suspended
- Pin changed on location map
- Affidavit and Record of A & P
- Water Shut-Off Test
- Gas-Oil Ratio Test
- Well Log Filed

6-17-56



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. 00 11372
Unit Baker 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)

April 24, 19 56

Baker Creek Unit
Well No. 1 is located 660 ft. from S line and 1980 ft. from E line of sec. 19
SE/4 19 20 S. 19 W. S.L.B. & M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Stratigraphic last Killbuck Utah
(Field) (County or Subdivision) (State or Territory)

The elevation ~~of the discharge from the well~~ is 5079 ft. (approx. ground)

DETAILS OF WORK

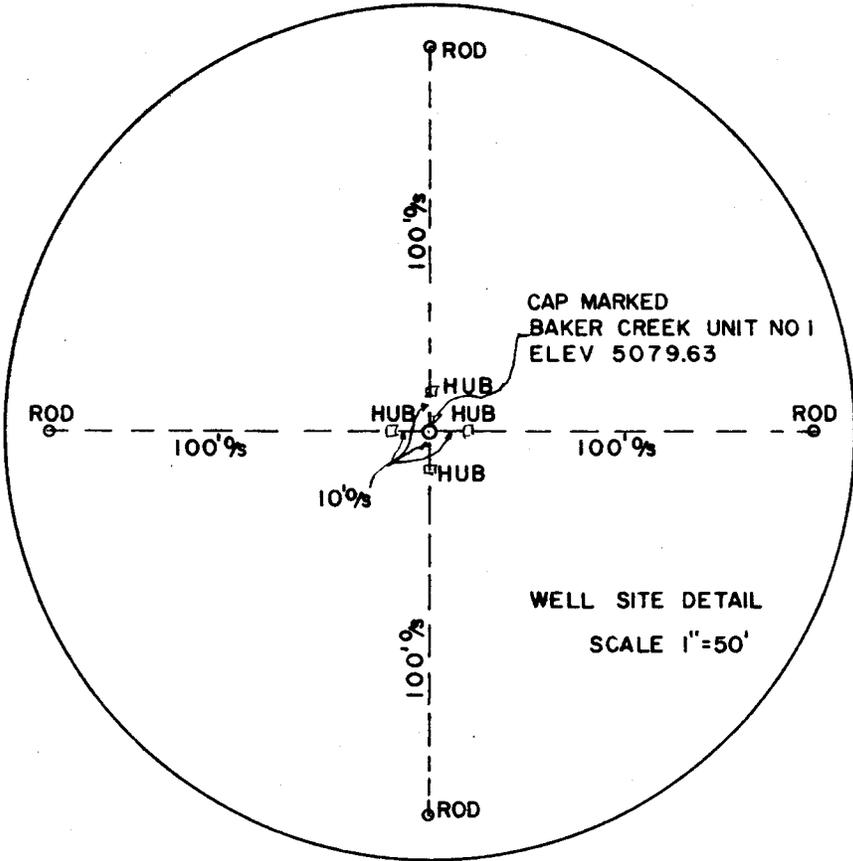
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Drill 13-3/4" hole to 800'±.
2. Run and cement 10-3/4" casing at 800'± with sufficient cement to reach the surface.
3. Drill to a total depth 6000'±.
4. If commercial production is obtained a supplementary completion notice will be filed, otherwise, plug and abandon in accordance with U.S.C.S. regulations.

Surface formation is lacustrine and fluvial deposits.

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 33 Richards Street
Salt Lake City, Utah
By R. E. Eddy
Title Senior Exploitation Engineer

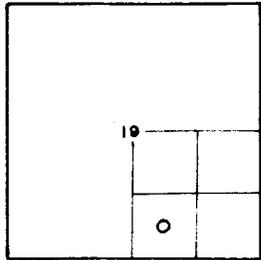
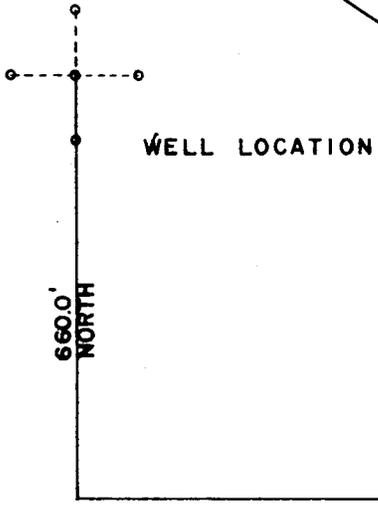


C-E-R-T-I-F-I-C-A-T-E

I, Clifford C. Plumb, Registered Land Surveyor, State of Utah, No. 1789, do hereby certify that I have surveyed this well site and find it as shown, being in the SW 1/4 of the SE 1/4 of Sec. 19, T. 20 S., R. 19 W., Salt Lake Base and Meridian.



Clifford C. Plumb



SE COR S 19,
T 20 S, R 19 W,
SLB&M

METROPOLITAN ENGINEERS, INC. CONSULTING ENGINEERS 140 WEST 2nd SOUTH SALT LAKE CITY, UTAH	NAME OF OWNER SHELL OIL COMPANY	CONTRACT NO. 884714
	LOCATION OF JOB MILLARD COUNTY, UTAH	DRAWING NO. Z 16-363-1
DRAWN BY HENRIQUES DATE 4/23/56 CHECKED BY CCP DATE 4/23/56 SCALE: 1"=300'	TITLE OF DRAWING BAKER CREEK UNIT NO. 1	

April 25, 1956

Shell Oil Company
33 Richards Street
Salt Lake City, Utah

Attn: R. E. Eddy

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Baker Creek Unit 1, which is to be located 660 feet from the south line and 1980 feet from the east line of Section 19, Township 20 South, Range 19 West, SEEM, Millard County.

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

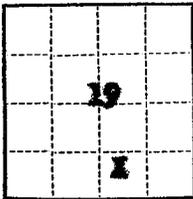
Yours very truly,

UTAH OIL & GAS CONSERVATION COMMISSION

GLENN B. FREIGHT
SECRETARY

cc: Don Russell, Dist Eng
USGS
Federal Bldg, City

19
1-20
660



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. UC 11372
Unit Baker Creek

*Notes
OK
6-1-56*

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 4 1956, 19

Baker Creek Unit
Well No. 1 is located 660 ft. from [S] line and 1980 ft. from [E] line of sec. 19
SW/4 SE/4 19 20 S. 19 W. S.L.B.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Strat Test Millard Utah
(Field) (County or Subdivision) (State or Territory)

The elevation ~~of the surface of the ground~~ is 9079 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)

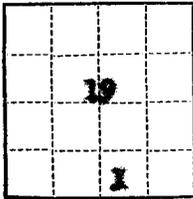
(Spudded 5-29-56)

5-30 to
6-2-56 Ran and cemented 10 3/4", 40.5', 8-40, ST&C Spang casing at 779' with 325 sacks construction cement, 115' slurry, last 100 sacks treated with calcium chloride, displaced with 75 bbls of water, good returns at surface. Flanged up and wited on cement. Tested casing and blow out equipment with 700 psi for 15 min., O.K. Ran in, losted firm cement at 751. Drilled out June 2, 1956.

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 33 Richards Street
Salt Lake City, Utah
By B. J. Shepard
B. J. Shepard
Title Exploitation Engineer

(SUBMIT IN TRIPLICATE)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. **90 11372**
Unit **Baker Creek**

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.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<input checked="" type="checkbox"/>		

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

JUN 14 1956, 19__

Well No. **Baker Creek 19** is located **660** ft. from **N** line and **1900** ft. from **E** line of sec. **19**

SW 1/4 (Sec. and Sec. No.) **20 S.** (Twp.) **19 N.** (Range) **S. 1. E. & M.** (Meridian)
Stratigraphic Test **Allard** **Utah**
(Field) (County or Subdivision) (State or Territory)

Sally Rushing
The elevation of the derrick floor above sea level is **5091** 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 Depth: **4218'**
Surface Casing: **10 1/4" cemented at 779'.**
Hole Size: **7 7/8" from 779' to total depth.**

Proposed Work:

1. With drill pipe hung at **4218'** plug with **40** sacks (**4100-4218**)
With drill pipe hung at **1700'** plug with **40** sacks (**1590-1700**)
With drill pipe hung at **790'** plug with **50** sacks (**700-790**)
2. Run in with drill pipe and feel for top plug. Recement if plug not above **760'**.
3. Cap with a **10** sack cement plug, install marker and abandon in accordance with U.S.G.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 **33 Richards Street**

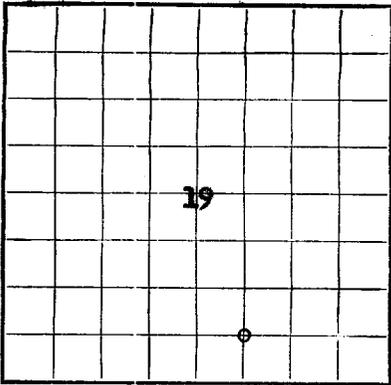
Salt Lake City 1, Utah

By **B. W. Shepard**

Title **Exploitation Engineer**

Note: Verbal approval to abandon and for plugging program received from D. F. Russell, District Engineer, June 14, 1956

15



LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address 33 Richards St., Salt Lake City, Utah
Lessor or Tract U. S. Government Field Baker Creek Area State Utah
Well No. 1 Sec. 19 T. 20S R. 19W Meridian S.L.B. & M. County Millard
Location 560 ft. [N. of S. Line and 1980 ft. [W. of E. Line of Section 19 Elevation 5091 K.B.
(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 B. W. Shepard

Date July 19, 1956 Title Exploitation Engineer

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

Commenced drilling May 29, 1956 Finished drilling June 13, 1956

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

No. 1, from _____ to _____ No. 3, from NONE NOTED 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>10 3/4"</u>	<u>40.5</u>	<u>8 rd.</u>	<u>Spring</u>	<u>7791</u>	<u>Baker</u>				<u>Surface casing</u>
<u>RECORD OF OIL OR GAS WELL</u>									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10 3/4"</u>	<u>779'</u>	<u>325 sacks</u>	<u>Displacement</u>		

MARK

PLUGS AND ADAPTERS

Heaving plug—Material See attached 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 0 feet to 4218 feet, and from _____ feet to _____ feet

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

DATES

Officially abandoned as a dry hole

June 20, 1956

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

T. D. Mero, Driller

H. Snuffer, Driller

K. G. Frather, Driller

H. G. Owens, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2110	2110	Bonneville (?)
2110	4180	2070	Lower Tertiary (?)
4180	-	-	Prospect Mountain

ESCH

JO

SOLV EREL

(OVER)

FORMATION

16-43094-4

FORMATION RECORD—CONTINUED

SHELL OIL COMPANY

Water WELL NO. 1

DRILLING REPORT
FOR PERIOD ENDING

Section 19

Baker Creek Area
(FIELD)
Millard, Utah
(COUNTY)

(SECTION OR LEASE)
T. 20 S., R. 19 W.
(TOWNSHIP OR RANGE)

DAY	DEPTHS		REMARKS
	FROM	TO	
5/1-3/56	0	100	<p style="text-align: center;"><u>BAKER CREEK UNIT - WATER WELL 1</u></p> <p>Location: 788.36' N and 1958.64' W from SE Corner of Section 19, T. 20 S., R. 19 W., SLB&M, Millard County, Utah.</p> <p>Elevation: 5078.43 (ground)</p> <p>Drilled 6" hole with cable tools to total depth of 100'. Hung 6 5/8", 26#, line pipe as casing at 80'. Perforated 4 rows of 4" x 3/8" perforations from 69' to 80'. Water-bearing formations noted at 63'-68' and 72'-76'.</p> <p>Bailing test produced 15* gal./min. with fluid level at 35'.</p> <p><u>Ditch Samples</u></p> <p>0-100' <u>Sand</u>, light gray, medium to granules, subangular grains composed of quartz, limestone, rare biotite, volcanic fragments, and chert.</p>

*noted
cost
7-27-56*

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
6"	0	100	6 5/8"	80'
DRILL PIPE SIZES				

Contractor: Dennis Smith
Garrison, Utah

K. A. Hauptfleisch

SIGNED

SHELL OIL COMPANY

WELL NO. 1

DRILLING REPORT
FOR PERIOD BEGINNING

Section 19

Baker Creek

(FIELD)

(SECTION OR LEASE)

Millard County, Utah

(COUNTY)

June 1, 1956

T20S., R19W., S1M

(TOWNSHIP OR RANGE)

DAY 1956	DEPTHS		REMARKS
	FROM	TO	
			Location: 660' N., 1980' W. of SE corner, Section 19, T. 20 S., R. 19 W., S.L.B. & M., Millard County, Utah.
			Elevations: G.L. 5079.71' D.F. 5088.73' K.B. 5090.75'
5-29	0	780	Spudded 4:30 A.M. (5-29-56), Set 16" conductor pipe at 19±'. Drilled 13 3/4" hole to 780'. Ran 10 3/4" S.T. & C. 40-50# Spang casing, shoe at 779'. Halliburton cemented with 325 sacks construction cement, last 100 sacks treated with calcium chloride, 115# slurry, water top and bottom.
5-30, 31			Flanged up casing and installed 10" series 900 G.K. Hydril B.O.P. with accumulator and 10" series 900 double, hydraulic, control gate with pipe rams and complete shut-off rams.
6-1			Tested B.O.E. and casing with 700# for 15 minutes. Found cement at 751'.
6-2	751	1505	Drilled 754'. Treated mud with water, gel. Formation Logging Service Company started logging at 12 noon 6-2-56.
6-3	1505	1515	Core #1, 1505-15', no recovery.
6-4	1515	2800	Drilled 1285'. Treated mud with water, gel, anhydrox.
			Mud Summary: Wt. 9.2-9.8 #/Gal. Vis. 35-41 Sec. W.L. 41-200 cc/30m. F.C. 2/32-6/32 inch. pH 10-11 Salinity 450 ppm. NaCl. (t)

Tested B.O.E. daily.

Contractor: Colorado-Wyoming Drilling Co.

Cont'r. Pusher: Hutchinson

Drillers: Meso
Prather
Snuffer
Owens

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES				

R. W. Olsen

SIGNED

SHELL OIL COMPANY

WELL NO. 1

DRILLING REPORT
FOR PERIOD ENDING

June 17, 1956

Baker Creek
(FIELD)
Millard County, Utah
(COUNTY)

Section 19
(SECTION OR LEASE)
T20S., R19W., SLB&M
(TOWNSHIP OR RANGE)

DAY 1956	DEPTH		REMARKS
	FROM	TO	
6-5	2800	3235	Drilled 435', treated mud with water, gel, barafos, driscose, anhydrox.
6-6	3235	3250	Core #2: 3235-50', recovered 9.0'.
6-7 to 10	3250	4030	Drilled 780', treated mud with water, gel, barafos, driscose, anhydrox.
6-10	4030	4040	Core #3: 4030-40', recovered 10.0'.
6-11, 12	4040	4211	Drilled 171', treated mud with water, gel, barafos, anhydrox, caustic soda, carboncx.
6-13	4211 4214	4214 4218	Core #4: 4211-4214, recovered 8". Reamed hole with W7R bit. Core #5: 4214-4218, recovered 3.0'.
6-14			Circulated, waiting on Schlumberger. Released Formation Logging Service Company at 12 noon, 6-15-56.
6-15			Ran Schlumberger Electrical Survey, Gamma-ray-neutron log, Continuous Dipmeter, Velocity Survey. Corrected total depth to 4221'.
6-16			Halliburton cemented plugs as follows: 40 sacks Construction cement at 4218' 40 sacks Construction cement at 2153' 50 sacks Construction cement at 733'. Found firm cement plug at 605'.
6-17			Released rig at 4:00 A.M. (6-17-56). Mud Summary 6-5 to 6-17-56: Wt. 9.9 to 10.4 #/Gal. Vis. 35-60 Sec. W.L. 10.5-28 cc. F.C. 2/32-5/32 inch. pH 5-9.6 Salinity 1155-2000 ppm. NaCl. (t)

Tested B.O.E. daily.
Contractor: Colorado-Wyoming Drilling Co.
Cont'r. Pusher: Hutchinson
Drillers: Meso
Prather
Snuffer
Owens

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
20"	0'	19'	16"	19' (conductor)
13 3/4"	19'	780'	10 3/4"	779'
7 7/8"	751'	2800'		
DRILL PIPE SIZES <u>1 1/2", F.H.</u>				

R. W. Olsen

SIGNED

DITCH SAMPLES

Examined by R. W. Olsen 1390 to 2360
 _____ to _____

Well 1
 Field or Area Baker Creek

FROM	TO	%	SHOWS UNDERLINED	SAMPLES TAGGED NOT LAGGED
1390	1440	30-70	<u>Gypsum.</u>	
		70-30	<u>Heterogeneous.</u>	
1440	1490	70	<u>Heterogeneous lithology with 60% gypsum.</u>	
		30	<u>Marl, white.</u>	
1450	1490	40-60	<u>Gypsum.</u>	
		60-40	<u>Heterogeneous, as above, trace ash.</u>	
1490	1505	50	<u>Heterogeneous, as above.</u>	
		40	<u>Gypsum.</u>	
		10	<u>Ash, shards.</u>	
1505	1515		Core #1, no recovery.	
1515	1620	av 50	<u>Gypsum.</u>	
		50	<u>Siltstone and Claystone, light brown to gray, calcareous to non-calcareous, soft.</u>	
1620	1720	av 90	<u>Limestone, white, III VF-FA, soft, slightly argillaceous.</u>	
		10	<u>Siltstone and Claystone, as above.</u>	
1720	1860	av 60	<u>Siltstone and Claystone, as above.</u>	
		30	<u>Gypsum, anhydrite, ash (vitric).</u>	
		10	<u>Limestone, as above, trace white chert.</u>	
1860	1960	100	<u>Siltstone and Claystone, light gray, non-calcareous, soft, bentonitic (?).</u>	
1960	2000	60	<u>Siltstone and Claystone, as above.</u>	
		40	<u>Gypsum, anhydrite, ash.</u>	
2000	2260	av 70	<u>Clay, medium brown, calcareous, silty, bentonitic (?).</u>	
		30	<u>Sand, fragments limestone, quartz, gypsum, anhydrite, volcanics, ash.</u>	
2260	2300	60	<u>Sand, as above.</u>	
		40	<u>Clay, as above.</u>	
2300	2360	70	<u>Clay, as above.</u>	
		30	<u>Sand, as above.</u>	

DITCH SAMPLES

Examined by R. W. Olsen 2360 to 3590
 _____ to _____

Well 1
 Field or Area Baker Creek

FROM	TO	%	SHOWS UNDERLINED	SAMPLES LAGGED	NOT LAGGED
2360	2460	-	Samples very poor, changing mud.		
2460	2600	100	<u>Siltstone and Claystone</u> , as above, trace ashy material.		
2600	2800	av 60	<u>Sand</u> , as above.		
		40	<u>Clay</u> , as above.		
2800	2950	100	<u>Claystone and Siltstone</u> , light brown to gray, calcareous, soft, locally sandy, trace sand (fragments limestone, quartz, etc.).		
2950	2970	80	<u>Sandstone</u> , light grayish brown, slightly calcareous, very fine to fine grained, silty, fair consolidation.		
		20	<u>Claystone and Siltstone</u> , as above.		
2970	3110	100	<u>Siltstone</u> , light gray, calcareous, argillaceous, soft, locally sandy, trace sandstone, as above.		
3110	3235	80	<u>Clay</u> , medium brown, calcareous, bentonitic (?).		
		20	<u>Sand</u> , fragments of quartz, limestone, gypsum, volcanics, ash, trace siltstone.		
3235	3250		Core #2: recovered 9.0'.		
3250	3300	100	<u>Claystone and Siltstone</u> , medium brown, calcareous, locally sandy, bentonitic (?), poor induration, common biotite.		
3300	3400	70	<u>Claystone and Siltstone</u> , as above.		
		30	<u>Sand</u> , grains very fine to medium, composed of quartz, limestone, biotite, volcanics.		
3400	3410	60	<u>Sand</u> , as above.		
		40	<u>Claystone and Siltstone</u> , as above.		
3410	3460	100	<u>Siltstone and Claystone</u> , as above.		
3460	3540	70	<u>Siltstone and Claystone</u> , as above.		
		30	<u>Sand</u> , as above, trace I VFA dolomite.		
3540	3570	75	<u>Siltstone and Claystone</u> , as above.		
		20	<u>Sandstone</u> , light gray to brown, calcareous, argillaceous, very fine to medium grained, fair consolidation.		
		5	<u>Sand</u> , as above.		
3570	3590	100	<u>Siltstone and Claystone</u> , as above.		

DITCH SAMPLES

Examined by R. W. Olsen 3590 to 4030
 _____ to _____

Well 1
 Field or Area Baker Creek

FROM	TO	%	SHOWS UNDERLINED	SAMPLES LAGGED	NOT LAGGED
3590	3640	80	<u>Siltstone and Claystone</u> , as above.		
		20	<u>Sand</u> , as above.		
3640	3650	100	<u>Siltstone and Mudstone</u> , brown to gray, locally sandy, calcareous, fair induration.		
3650	3660	60	<u>Siltstone and Mudstone</u> , as above.		
		40	<u>Limestone</u> , mottled medium brown, I VFA.		
3660	3750	100	<u>Siltstone and Mudstone</u> , as above, trace limestone (brown), as above.		
3750	3760	50	<u>Siltstone and Mudstone</u> , as above.		
		30	<u>Limestone</u> , as above.		
		20	<u>Sand</u> , varicolored, fair to medium grained, fragments predominantly quartz.		
3760	3800	70	<u>Siltstone and Mudstone</u> , as above.		
		25	<u>Limestone</u> , white, light gray, brown, green, I-III VFA.		
		5	<u>Chert</u> , brown, white, angular.		
3800	3820	100	<u>Siltstone and Mudstone</u> , as above.		
3820	3850	70	<u>Limestone</u> , light gray, slightly pyritic, I VFA.		
		30	<u>Siltstone and Mudstone</u> , as above.		
3850	3880	80	<u>Siltstone and Mudstone</u> , as above.		
		20	<u>Limestone</u> , medium brown, carbonaceous, I-III VFA, trace brown chert.		
3880	3900	80	<u>Limestone</u> , light gray, as above.		
		20	<u>Siltstone and Mudstone</u> , as above.		
3900	3910	90	<u>Siltstone and Mudstone</u> , as above.		
		10	<u>Limestone</u> , varicolored, I-III VFA, sandy, trace brown chert.		
3910	3960	60	<u>Siltstone and Mudstone</u> , as above.		
		40	<u>Limestone</u> , as above.		
3960	4030	av 60	<u>Limestone</u> , light gray to light green, I-III VFA, sandy, slightly argillaceous, pyritic, carbonaceous, biotitic, almost a very calcareous mudstone.		
		40	<u>Siltstone and Mudstone</u> , as above, trace brown limestone, trace brown chert.		

DITCH SAMPLES

Examined by R. W. Olsen 4030 to 4218
 _____ to _____

Well 1
 Field or Area Baker Creek

FROM	TO	%	SHOWS UNDERLINED	SAMPLES LAGGED	NOT LAGGED
4030	4040		Core #3, recovered 10.0'.		
4040	4070	90	<u>Siltstone and Mudstone</u> , as above.		
		10	<u>Limestone</u> , white, III VFA, sandy, trace brown chert, trace quartz grains.		
4070	4100	80	<u>Claystone</u> , light gray, argillaceous, soft, carbonaceous, almost an argillaceous III VFA limestone.		
		20	<u>Siltstone and Mudstone</u> , as above, trace brown chert, trace quartz.		
4100	4110	80	<u>Limestone</u> , light brown, I VFA, argillaceous, carbonaceous.		
		20	<u>Siltstone and Mudstone</u> , as above, brown chert common.		
4110	4150	50	<u>Limestone</u> , brown, as above.		
		50	<u>Siltstone and Mudstone</u> , as above, trace brown chert.		
4150	4180	100	<u>Siltstone</u> , light gray, calcareous, fair induration.		
4180	4211	av 50	<u>Siltstone and Mudstone</u> , as above.		
		50	<u>Quartzite and Quartz</u> , medium gray to light green, grainy appearance, angular fragments, quartz occurs as siliceous seams (?) without grainy appearance, translucent to transparent.		
4211	4214		Core #4.		
4214	4218		Core #5.		

Corrected total depth to 4221'.

SHELL OIL COMPANY

WEEK ENDING _____

AREA OR FIELD Baker Creek

CORE FROM 4211 TO 4218

CORE RECORD

COMPANY Shell Oil Co.

CORES EXAMINED BY Dempster, Olsen

LEASE AND WELL NO. Unit 1

NO.	FROM	TO	RECOVERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATIONS OIL-GAS
							CORE OR DITCH
4	4211	4214	0.7'	<p>0.7' <u>Quartzite</u>, predominantly light gray with minor pink and green, massive, variable in texture from fine to coarse grained, moderately to poorly sorted, rounded to subangular, quartz grains, 5% siliceous cement. Common fine black grains (possibly magnetite), in part rounded. Rare possible chloritic schist fragments, rather common possible chloritic material disseminated throughout coarser grained portions and developed on some shear surfaces.</p> <p>Core fragments fractured, possible fracture permeability. Coarse grained portions exhibit fair intergranular porosity.</p>	-	-	none
5	4214	4218	3.0'	<p>3.0' <u>Quartzite</u>, as above.</p>			

SHELL OIL COMPANY

WEEK ENDING _____

CORE FROM 4030 TO 4040CORES EXAMINED BY Dempster, Olsen

CORE RECORD

AREA OR FIELD Baker CreekCOMPANY Shell Oil CompanyLEASE AND WELL NO. Unit 1

NO.	FROM	TO	RECOVERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATIONS OIL-GAS
							CORE OR DITCH
3	4030	4040	10.0	<p><u>Interbedded claystone, siltstone, sandstone, bentonite, quite heterogeneous, consolidated, moderately indurated.</u></p> <p>10%† <u>Claystone</u>, gray to greenish gray, silty, ashy, bentonitic, in part sandy; rare to common biotite crystals, rare fine lithic fragments.</p> <p>60%† <u>Siltstone</u>, gray to greenish gray, medium brown, argillaceous, ashy, in part sandy, moderately to weakly calcareous, rare to common biotite.</p> <p>25%† <u>Sandstone</u>, gray, poorly sorted, 2-6 (Wentworth) grains with minor grit size fragments, angular to round, moderately cemented to calcareous, lithic fragments of chert, dolomite, shale. Sand grains predominantly quartz, minor lithic sand grains, rare to common biotite.</p> <p>5%† <u>Bentonite</u>, green, soft, in part as seams and in part along fractures.</p> <p>Irregular tight fractures, slickensided and polished, with green-clay material common (bentonitic?), and brown staining common. Fractures commonly 40 to 50°. Interbedding varies from 1/4" to 1/2", "varved like" beds 2"-3" thick. Contacts sharp to gradational.</p> <p>Irregular reddish brown hematite (?) staining throughout core; controlled in part by texture, in part by fracturing.</p>	1	11° - 14° (on bedding) good	none

SYMBOLS: C-CLAY OR SHALE (SAND 0-5%). 1-CLAY OR SHALE WITH SAND STREAKS (SAND 5-25%). 2-CLAY OR SHALE AND SAND (SAND 25-60%). 3-SAND WITH SHALE STREAKS (SAND 60-90%). S-SAND (90-100%).

NOTE: SHOW FLUID CONTENT AS IN STANDARD LEGEND.

SHELL OIL COMPANY

WEEK ENDING _____

CORE FROM 3235 TO 3250

CORES EXAMINED BY Dempster, Olsen

CORE RECORD

AREA OR FIELD Baker Creek

COMPANY Shell Oil Company

LEASE AND WELL NO. Unit 1

NO.	FROM	TO	RECOVERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATIONS
							OIL-GAS
							CORE OR DITCH
1	1505	1515	0.0'	No recovery			
2	3235	3250	9.0'	<p><u>Mudstone, sandstone, siltstone - interbedded.</u></p> <p>70% <u>Mudstone</u>, medium to dark brown, massive, silty, sandy, calcareous, moderately indurated. Sandy fraction composed of grains, grain size 3-8 (Wentworth), round to angular, composed of quartz, biotite, lithic fragments.</p> <p>10% <u>Sandstone</u>, light brown to gray, massive, silty with minor calcareous and argillaceous cement. Sand grains poorly sorted, round to angular, 3-8 (Wentworth) grains; composed of abundant biotite, common quartz and lithic fragments, chert. No apparent P & P.</p> <p>20% <u>Siltstone</u>, similar to mudstone description but argillaceous material less than silt.</p> <p>Note on dip: Dip from sandstone interbeds which appear lenticular.</p>		12° - 15°	none.

SYMBOLS: C-CLAY OR SHALE (SAND 0-5%). 1-CLAY OR SHALE WITH SAND STREAKS (SAND 5-25%). 2-CLAY OR SHALE AND SAND (SAND 25-60%). 3-SAND WITH SHALE STREAKS (SAND 60-90%). S-SAND (90-100%).
NOTE: SHOW FLUID CONTENT AS IN STANDARD LOGS.

STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION
AFFIDAVIT AND RECORD OF ABANDONMENT AND PLUGGING

PLUGGING METHODS AND PROCEDURE: - The methods 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.

*Noted
Calk
7-2-56*

Field or Pool Stratigraphic Test County Millard
Lease Name Baker Creek Unit Well No. 1 Sec 19 Twp 20 S. Range 19 W.
Date well was plugged June 17, 19 56.

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)

- 1. Method used in plugging: Displacement
 - 2. Materials used: Cement and mud
 - 3. Plugs:
 - A. With open end drill pipe hung at 4218', plugged with 40 sacks cement (4100-4218)
 - B. With open end drill pipe hung at 2153', plugged with 40 sacks cement (2030-2153)
 - c. With open end drill pipe hung at 733', plugged with 50 sacks cement (630-733)
 - d. Heavily mud laden fluid was used between each plug.
- Operator Robert E. Eddy
Senior Exploitation Engineer
Shell Oil Company
Address 33 Richards Street
Salt Lake City 1, Utah

AFFIDAVIT

STATE OF UTAH

COUNTY OF Salt Lake

Before me, the undersigned authority, on this day personally appeared Robert E. Eddy, 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 20th day of June 19 56.

My Commission Expires: JUNE 9, 1959

Clas M. Johnson
(Notary Public)
Residing at: Brantford, Utah

INSTRUCTIONS: Complete this form in duplicate and mail both copies to the Oil and Gas Conservation Commission, Room 105, Capitol Bldg, Salt Lake City 14, Utah.

5. Ran in and found form cement at 605'.
6. Surface casing left in hole 0 to 779'.
7. Plugged at surface with a 10 sack cement plug, installed marker and officially abandoned on June 17, 1956.



43-027-11037

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION
INDIVIDUAL WELL RECORD

Sec. 19
T. 20 S.
R. 19 W.
S. L. Mer.

3	2	1		
4	6	6	19	
9	8	7		
10	11	12		

PUBLIC LAND:
5-yr. lease dated 3-1-54

Date August 22, 1956

Ref. No. 1

Land office Utah State Utah
Serial No. 011372 County Millard
Lessee Shell Oil Company Field Baker Creek Unit (Wildcat)
Operator Shell Oil Company District Salt Lake City
Well No. 1 Subdivision C SW 1/4 SE 1/4

Location 660 ft. from S. line and 1980 ft. from E. line of sec. 19

Drilling approved April 26, 19 56 Well elevation 5091 KB feet
Drilling commenced May 29, 19 56 Total depth 4218' feet
Drilling ceased June 13, 19 56 Initial production _____
Completed for production _____, 19 _____ Gravity A. P. I. _____

Abandonment approved Nov. 21, 19 56 Initial R. P. _____

Geologic Formations cm 5-22-57 Productive Horizons
Surface Lowest tested Name Depths Contents

Quaternary Alluvium Cambrian

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1956					Drg. 3235'	Abd. 4218'					858 4218	

REMARKS 10-3/4" ee 779' w/325 sz.
Top: Lower Tertiary 2110'
Cambrian 4200'

REPLACEMENT