

- 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

8-20-59

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

COMPLETION DATA:

Date Well Completed _____

OW _____ WW _____ TA _____

GW OS _____ PA _____

Driller's Log _____

Electric Logs (No.) _____

E _____ E-I _____

Lat. _____ Mi-L _____ GR _____

Sonic _____ GR-N _____ Micro _____

Others Fracture Cinders

Checked by Chief _____

Copy NID to Field Office _____

Approval Letter _____

Disapproval Letter _____

Location Inspected _____

Bond released _____

State of Fee Land _____

Newark

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

COMPLETION DATA:

Date Well Completed 9-9-59

OW _____ WW _____ TA _____

GW _____ OS _____ PA X

Driller's Log 9-16-59

Electric Logs (No.) _____

E _____ E-I

Lat. _____ Mi-L _____ GR _____

Sonic _____ GR-N _____ Micro _____

Others _____

Checked by Chief _____

Copy NID to Field Office _____

Approval Letter _____

Disapproval Letter _____

Location Inspected _____

Bond released _____

State of Fee Land _____

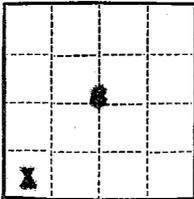
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City, Utah

Lease No. U 06102A

Unit Farnham Dome

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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 25, 1959

Well No. Farnham Dome Unit 1-A is located 615 ft. from 12E line and 690 ft. from W line of sec. _____

SW SW 8 15E 12E SLBM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Carbon Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5689 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 13-3/4" hole to 900'±.
2. Cement 10-3/4", 32.75#, J-55 casing at 900'± with 400 sacks treated cement.
3. Drill 9" hole to 8900'± (objective Mississippian bedwall) (circulated)
4. If commercial production is obtained, a supplementary completion notice will be issued; otherwise, plug and abandon.

Surface formation is Bluegate Member of Cannon.

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

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

June 5, 1959

Shell Oil Company
705 West Municipal Drive
Farmington, New Mexico

Attention: B. W. Shepard,
Exploitation Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention of intention to drill Well No. Farham Dome Unit 1-A, which is to be located 615 feet from the south line and 690 feet from the west line of Section 8, Township 15 South, Range 12 East, S1EM, Carbon 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 is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

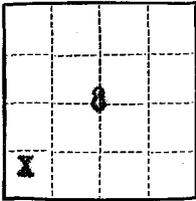
CBF:co

cc: D. F. Russell, Dist. Eng.
U. S. Geological Survey
Salt Lake City, Utah

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City, Utah
Lease No. U 06102 A
Unit Farnham Dome

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.....	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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

June 11, 1959

Farnham Dome
Well No. **Unit 1-A** is located **615** ft. from **NS** line and **690** ft. from **EW** line of sec. **8**
SW SW **8** **15S** **12E** **SLM**
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **Carbon** **Utah**
(Field) (County or Subdivision) (State or Territory)

Kelly Bushing
The elevation of the ~~static flow~~ above sea level is **5701** 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 5-28-59.

6-3-59 Ran and cemented (986') 10-3/4", 40.5#, J-55 casing at 1000' with 800
to sacks cement, last 100 sacks treated with 2% calcium chloride. Good
6-4-59 returns to surface. Flanged up and waited on cement. Pressure tested
casing and BOP with 700 psi, O.K.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-06102A
UNIT Farnham Dome

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Wildcat - Farnham Dome 1 and 1A

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1959,

Agent's address 705 West Municipal Drive Company Shell Oil Company
Farmington, New Mexico Original signed by
R. S. Mac ALISTER, JR.

Phone Davis 5-8811 Agent's title Div. Exploitation Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
8 SW SW	15S	12E	1	-	-	-	-	-	-	Spudded 5-15-59. Drilled to 1141'. Abandoned 5-25-59 lost hole.
8 SW SW	15S	12E	1A	-	-	-	-	-	-	Spudded 5-28-59 Drilling at 950'.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

Salt Lake City, Utah
LAND OFFICE U-06102A
LEASE NUMBER
UNIT Farnham Dome

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Wildcat - Farnham Dome Deep Unit 1A

The following is a correct report of operations and production (including drilling and producing wells) for the month of June 19, 1959

Agent's address 705 West Municipal Drive Company Shell Oil Company
Farmington, New Mexico Signed Original signed by

Phone Davis 5-8811 Agent's title R. S. Mac ALISTER, JR.
Division Exploitation Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
8 SW SW 15S	12E	1A	-	-	-	-	-	-	-	Drilling at 5133' as of 6-30-59.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5
Approval expires 12-31-60
Salt Lake City, Utah
LAND OFFICE **UC06102A**
LEASE NUMBER **Farnham Dome**
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Wildcat - Farnham Dome Deep Unit 1A

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1959,

Agent's address 705 West Municipal Drive Company Shell Oil Company
Farmington, New Mexico Signed Original signed by
R. S. Mac ALISTER, JR.
Division Exploitation Engineer

Phone Davis 5-8811 Agent's title

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
8 SW SW 15S 12E 1A			-		-		-			Drilling at 5133' as of 6-30-59.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-06102A
UNIT Farnham Dome

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Wildcat - Farnham Dome Deep Unit 1A

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1959.

Agent's address 705 West Municipal Drive Company Shell Oil Company
Farmington, New Mexico Signed Original signed by
B. W. SHEPARD

Phone Davis 5-8811 Agent's title Division Exploitation Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
8 SW SW	15S	12E	1A	-	-	-	-	-	-	Drilling at 7726' as of 7-31-59

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-06102A
UNIT Farnham Dome

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Wildcat - Farnham Dome Deep Unit 1A

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 19 59,

Agent's address 705 West Municipal Drive Company Shell Oil Company
Farmington, New Mexico Signed Original signed by
B. W. SHEPARD

Phone Davis 5-8811 Agent's title Production Exploitation Engineer

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
8 SW SW	15S	12E	1A	-	-	-	-	-	-	Drilling at 7726' as of 7-31-59

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

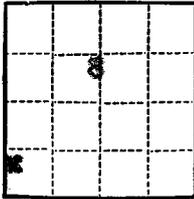
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

(SUBMIT IN TRIPPLICATE)

Land Office U 06102 A

Lease No. _____

Unit Furnham Dome



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.....		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.....	X	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

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

August 17, 1959

Furnham Dome Deep
Well No. Unit 1A is located 615 ft. from S line and 690 ft. from W line of sec. 8
SW SW 8 15N 12E 313M
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Carbon Utah
(Field) (County or Subdivision) (State or Territory)

Kelly Bushing
The elevation of ~~the surface~~ above sea level is 5701 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 TD: 9174'
Casing: 10-3/4" x 1000'
Hole size - 9" from 1000' to TD.

Reason for Abandonment: "Dry hole"

Proposed Work

1. Plug as follows:
 - a. 75 sacks cement 5100-5500
 - b. 75 sacks cement 2900-3100
 - c. 75 sacks cement 1800-2000
 - d. 50 sacks cement across shoe of surface casing.
2. Plug with a 10 sack cement plug at surface; install abandonment marker.

Note: Verbal approval obtained from L. Russell, USGS by B. W. Shepard.

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 158
Farmington, New Mexico

Original signed by
B. W. SHEPARD

By _____

B. W. Shepard
Exploitation Engineer

Title _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-06102A
UNIT Farnham Dome

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Wildcat - Farnham Dome Deep Unit 1A

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1959,

Agent's address P.O. Box 158 Company Shell Oil Company
Farmington, New Mexico Signed _____ Original signed by _____

Phone Davis 5-8811 Agent's title E. W. SHEPARD
Exploitation Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
8 SW SW	15S	12E	1A	-	-	-	-	-	-	Total depth 9174 Abandoned 8-19-59. ✓

NOTE.—There were no runs or sales of oil; _____ M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 9174 feet, and from - feet to - feet
 Cable tools were used from - feet to - feet, and from - feet to - feet

Abandoned as a "dry hole"

DATES

August 20, 1959 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

_____, Driller Mountain States Drilling Company
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1002		Ferron
1002	1873		Morrison
1873	2030		Curtis
2030	2465		Entrada
2465	2787		Garnet
2787	3118		Navajo
3118	3230		Kayenta
3230	3617		Wingate
3617	3819		Chinle
3819	3915		Shinarump
3915	4490		Moenkopi
4490	4877		Sinbad
4877	5072		Kaibab
5072	6020		Coconino
6020	7257		Carbonates
7257	7546		Hanning Canyon
7546	7970		Pumbag
7970	9130		Redwall
9130	-		Elbert

SEP 16 1959

DAY	DEPTHS		REMARKS
	FROM	TO	
5-28 to 6-5	0	1000	<p><u>Location:</u> 615' N. & 690' E. of SW corner, Sec. 8, T. 15 S., R. 12 E., S.L.M., Carbon County, Utah</p> <p><u>Elevations:</u> KB 5700.8', DF 5698.9', Mat 5686.9'</p> <p><u>Spudded:</u> 3 A.M. 5-28-59. Drilled 12-1/4" hole. Opened 12-1/4" hole to 15". Ran and cemented 10-3/4", 40.5# csg. at 1000' with 800 sx. cement, last 100 sx. treated with 2% CaCl₂. Good returns. Casing equipped with 3 clusters of scratchers and 4 centralizers. Bottom 6 collars spot welded and Baker locked. Installed BOP. Tested with 700 psi for 15 min., O.K.</p>
6-5 to 6-13	1000	2742	<p><u>Drilled 9" hole.</u> Lost circulation at 2742'.</p> <p>Lost circulation at 2742' at 6:45 A.M. of 6-13-59. No mud returns. Mud before losing circulation: Wt. 9.2#/gal., vis. 40 sec., water loss 22, ph 12.5. Pulled up into casing, closed BOP. Well started blowing CO₂ gas with strong H₂S odor at estimated max. rate of 50,000 MCF/D. Max. pressure was 600 psi. After 5 hrs. pressure rapidly dropped to 100 psi. Final rate estimated at 20,000 MCF/D. Mixed mud, added lost circulation material and killed well with 9.1#/gal. mud at 3:00 P.M. Regained circulation at 930' at 4:30 P.M. Staged to bottom and lost circulation again. Lost a total of 1150 bbls. of mud at 2742'.</p>
6-14	2742	2748	<p>Regained circulation and drilled 9" hole to 2748'. Lost circulation again (lost 108 bbls. mud). Regained circulation. Cemented thru open end drill pipe at 2748' with 100 sx. cement.</p>
6-15	2748	2767	<p>Found top of cement at 2674'. Drilled out cement, bottom 34' hard. Tested with 150 psi on open hole. Held O.K. <u>Drilled 19'</u>, to 2767'. Lost circulation. Regained partial returns after losing a total of 800 bbls. of mud.</p>
6-16	2767	2847	<p><u>Drilled 9" hole to 2800'</u> with partial returns. Lost 200 bbls. of mud. Cemented at 2800' with 100 sx. Top of cement at 2730'. Drilled out cement. <u>Drilled Ahead to 2847'</u>. Lost 120 bbl. mud at 2830'.</p>

Mud

Wt: 9.3#/gal.
Vis: 38 sec.

Mountain States Drilling Co.
Contract Foreman:
Leonard Higginson
Shell Foreman:
R. A. Standifer

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES 4-1/2",			Extra Hole	

DAY	DEPTHS		REMARKS
	FROM	TO	
6-17	2847	3039	Drilled 9" hole to 3039'. Lost 550 bbl. mud, 100 bbl. while making trip, 450 bbl. at 3039'.
6-18	3039	3061	Cemented at 3037' with 60 sx. Top of cement at approximately 2890'. Drilled 22' to 3061'.
6-19	3061	3123	Drilled 9" hole to 3088'. Dumped pits. Mixed new mud. Drilled 35' to 3123'.
6-20 to 6-25	3123	4469	Drilled 9" hole to 4469'.
6-26	4469	4590	Drilled 9" hole to 4526'. Lost 300 bbl. mud. Added lost circulation material and went to bottom. Got returns. Drilled 63' to 4590'.
6-27 to 6-28	4590	4967	Drilled 9" hole to 4967'. Strapped out of hole, depth corrected from 4842' to 4851'.
6-29 to 6-30	4967	5133	Drilled 9" hole to 5133'. Left 2 cones in hole. Retrieved bearings on 1st run w/magnet and got cones on 2nd run.
7-1	5133	5184	Reamed from 5117-5133' w/RG 3. Re-reamed. Went in w/RG 1 and drilled 9" hole to 5184'.
7-2 to 7-3	5184	5365	Drilled to 5321'. Reamed from 5305-5321' w/RG 3. Drilled 9" hole to 5365'.
7-4	5365	5453	Drilled 9" hole to 5453'. Lost complete mud returns at 5397'. Lost 700 bbls. mud.
7-5 to 7-10	5453	5893	Drilled 9" hole to 5893'. Lost 300 bbls. of mud at 5791'. Bit #60 was 9" Christensen Diamond core head with 6-3/4", HTC, W7 rock bit recessed inside. Bit made 32' in 7-1/2 hrs. and was badly worn when pulled. Reamed 23'.
7-10 to 7-16	5893	6473	Drilled 9" hole to 6473'. Lost 180 bbls. mud at 5914'. Lost 250 bbls. mud at 6273'. Reamed from 6280' to 6325' and from 6453' to 6473'.

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES 4-1/2", Extra Hole				

2

C. S. Arledge

SIGNED

SHELL OIL COMPANY

WELL NO. Deep Unit 1-A

DRILLING REPORT
 FOR PERIOD ENDING

Farnham Dome Area Wildcat
 (FIELD)
 Carbon County, Utah
 (COUNTY)

Section 8
 (SECTION OR LEASE)
 T. 15 S., R. 12 E., SLM
 (TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
7-16 to 7-21	6473	6837	Drilled 9" hole to 6837'. Reamed from 6570-78'. Lost 170 bbls. mud at 6830'.
7-21	6837	6868	Drilled 9" hole to 6868'. Ran Welex Induction Log at 6844'.
7-21 to 8-7	6868	8418	Drilled 9" hole to 8418'.
8-7 to 8-9	8418	8418	Stuck pipe while going in hole at 8370'. Ran McCullough back off shot, backed off drill collars at 8315', screwed in with McCullough bumper sub. Recovered fish. Reamed from 8368' - 8418'.
8-9 to 8-15	8418	9174	Drilled 9" hole to T.D. at 9174'. Hole deviation was 8-1/4° at T.D.
8-15 to 8-17		9174	Ran Welex Induction-Electric, Gamma Ray-Neutron and Contact log and Empire Continuous Velocity Logs at 9174'.
8-17 to 8-18		9174	DST #1; Packers failed to hold. <u>DST #1-A, 8323'-9174', Hydrology Test</u> Ran Halliburton Hookwall Tester with dual packers and T.C. bottom hole fluid sampler. Packers set at 8317' and 8323', 15' of tailpipe, 3 outside type Amerada pressure recorders at 8304', 8328' and 8332'. Volume of rat hole below packers = 69 bbls. Used 350' (2.5 bbls.) air cushion, no water cushion. Initial shut-in period was 45 min. Opened tester at 4:32 A.M. with immediate strong blow decreasing gradually to medium blow at end of 2 hr. flow period. Rotated pipe & beaned back bottom hole sampler to 3/32" choke, purged sampler for 1/2 hr. Final shut-in period was 2 hr. 15 min. While tester was shut-in, ran in with fluid sampler on piano wire, took sample at 7800'. Pulled tester loose at 9:15 A.M. Total recovery was 6750' (93 bbls.) of slightly gassy, slightly muddy salt water with a trace of oil and a sulfurous odor. Maximum salinity = 55,000 ppm NaCl (T)

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
15"	0	1000	10-3/4"	1000'
9"	1000	9174		
DRILL PIPE 4 1/2" extra hole SIZES				

ISIP (45 min.) - 3120
 IFP - 795
 FFP - 3097
 FSIP (135 min) - 3120
 (nearly stabilized)
 HP - 4010

3

C. S. Arledge

SIGNED

SHELL OIL COMPANY

WELL NO. Deep Unit 1-A

Farnham Dome Area Wildcat
 (FIELD)
Carbon County, Utah
 (COUNTY)

DRILLING REPORT
 FOR PERIOD ENDING
 8-19-59

Section 8
 (SECTION OR LEASE)
T. 15 S., R. 12 E., SIM
 (TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
8-19		9174	<p>Plugged with 75 sx. at 5800', 75 sx. at 3120', 75 sx. at 2010', 50 sx. at 975'. After 6 hrs. found plug at 1010'. Plugged at 900' with 30 sx. treated with 2-1/2% CaCl₂. Found top of cement at 1050'. Ran 50 sx. plug with 8% GEL and 2% CaCl₂ at 900'. Found top of cement at 910'.</p> <p>Rig released at 7:00 P.M. on 8/19/59. Installed marker. Well abandoned 8/20/59.</p>

Mtn. States Drilling Co.
 Contract Drilling Foreman
 L. Higginson
 Shell Drilling Foreman
 R. A. Standifer

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
15"	0	1000	10-3/4"	1000'
9"	1000	9174		
DRILL PIPE SIZES				

4

C. S. Arledge

SIGNED

DITCH SAMPLES

Examined by C.S. Arledge 0 to 1150
toWell Farnham Dome Deep Unit 1-A
Field or Area Carbon County, Utah

FROM	TO	%	SHOWS UNDERLINED	SAMPLES LAGGED (Not)
0	30	90	<u>Siltstone</u> , light gray, sandy	
		10	<u>Shale</u> , red	
30	70	100	<u>Shale</u> , vari-colored, soft	
70	130	100	<u>Siltstone</u> , gray, sandy, argillaceous	
130	220	100	<u>Siltstone</u> , as above, interbedded with <u>Shale</u> , dark gray, soft, bentonitic in part	
220	260	100	<u>Sandstone</u> , dark gray, very fine-fine, s-angular to s-rounded, med-sorted, glauconitic, argillaceous	
260	400	100	<u>Shale</u> , dark gray, med. hard, calcareous in part, sandy	
400	410	100	<u>Sandstone</u> , dark gray, very fine-fine, s-angular, poorly sorted	
410	430	100	<u>Shale</u> , cream-gray, soft, bentonitic	
430	440	100	<u>Sandstone</u> , green, very fine-fine, well sorted, s-angular to s-rounded, tight	
440	470	100	<u>Sandstone</u> , as above, cream-tan-rose	
470	540	100	<u>Shale</u> , vari-colored, soft	
540	610	100	<u>Shale</u> , maroon and purple, med. hard <u>Limestone</u> parting	
610	730	100	<u>Shale</u> , maroon, hard	
730	750	100	<u>Sandstone</u> , white, fine, s-angular to s-rounded, med. sorted, tight	
750	800	100	<u>Shale</u> , cream-rose-purple, varying hardness	
800	970	100	<u>Shale</u> , maroon, hard, calcareous in part	
970	1000	100	<u>Chert Conglomerate</u> , white, hard	
1000	1100	100	<u>Shale</u> , maroon and purple, firm to hard, sandy	
1100	1110	100	<u>Sandstone</u> , light maroon, very fine, s-rounded, argillaceous	
1100	1140	100	<u>Siltstone</u> and <u>Shale</u> , siltstone light gray to gray-green; shale, med. gray, hard	
1140	1150	100	<u>Sandstone</u> , light-green, very fine-fine, s-angular to s-rounded, calcareous	

DITCH SAMPLES

Examined by C.S. Arledge 1150 to 1600
 _____ to _____

Well Farnham Dome Deep Unit 1-A
 Field or Area Carbon County, Utah

FROM	TO	%	SHOWS UNDERLINED	SAMPLES LAGGED (Not)
1150	1160	100	<u>Shale</u> , gray-green, hard, sandy	
1160	1190	100	<u>Limestone</u> , light-brown, IVFA, argillaceous, fossils w/ <u>Shale</u> partings	
1190	1260	100	<u>Shale</u> , gray-green, hard, very silty	
1260	1270	50	<u>Shale</u> , as above	
		50	<u>Shale</u> , brown, calcareous	
1270	1280	100	<u>Shale</u> , brown, calcareous	
1280	1290	100	<u>Shale</u> , gray-brown to green-brown, hard, slightly calcareous, silty	
1290	1310	100	<u>Shale</u> , green, silty	
1310	1320	100	<u>Sandstone</u> , tan to light gray, silty to very fine, s-angular, tight slightly calcareous	
1320	1340	100	<u>Sandstone</u> , green-brown, very fine-fine, s-angular, tight	
1340	1380	100	<u>Shale</u> and <u>Siltstone</u> , shale, gray green to greenish brown, hard, silty, calcareous; siltstone, greenish brown, argillaceous	
1380	1390	100	<u>Sandstone</u> , greenish-brown, silty to very fine, s-angular, tight	
1390	1410	100	<u>Limestone</u> , brown to greenish-brown, IVFA, argillaceous	
1410	1420	100	<u>Sandstone</u> , white, pink, tan, silty to very fine, s-angular to s-rounded, dolomitic, tight	
1420	1450	100	<u>Sandstone</u> , light brown, silty to very fine, s-angular to s-rounded, slightly dolomitic, tight	
1450	1460	100	<u>Siltstone</u> , light gray, hard, slightly calcareous	
1460	1500	100	<u>Shale</u> , vari-colored, silty, slightly calcareous	
1500	1510	100	<u>Sandstone</u> , white, silty to fine, dolomitic, tight	
1510	1530	100	<u>Shale</u> , gray to brown, calcareous, silty, hard	
1530	1540	100	<u>Siltstone</u> , gray-brown, slightly calcareous, sandy	
1540	1570	100	<u>Sandstone</u> , white to light-gray, silty to fine, dolomitic	
1570	1590	100	<u>Shale</u> , gray green to greenish brown, slightly calcareous	
1590	1600	100	<u>Sandstone</u> , white, silty to very fine, s-angular, slightly calcareous	

DITCH SAMPLES

Examined by C.S. Arledge 1600 to 2560
 _____ to _____

Well Farnham Dome Deep Unit 1-A
 Field or Area Carbon County, Utah

FROM	TO	%	SHOWS UNDERLINED	SAMPLES LAGGED (Not)
1600	1610	100	<u>Shale</u> , gray-green to med. gray, hard, calcareous	
1610	1630	100	<u>Sandstone</u> , white, very fine, s-angular to s-rounded, tight	
1630	1660	100	<u>Shale</u> , maroon, slightly calcareous, slightly sandy	
1660	1670	100	<u>Limestone</u> , white to light gray, IVFA, slightly dolomitic	
1670	1680	100	<u>Shale</u> , med. gray to gray-green, hard, slightly calcareous, slightly silty	
1680	1690	100	<u>Limestone</u> , light brown, IVFA, dolomitic	
1690	1880	100	<u>Shale</u> , reddish brown, slightly sandy, slightly calcareous, hard	
1880	2030	100	<u>Sandstone</u> , white to light gray, very fine, s-angular to s-rounded, slightly calcareous, very glauconitic. <u>Limestone</u> partings, IVFA	
2030	2090	100	<u>Siltstone</u> , brownish red, slightly calcareous	
2090	2110	100	<u>Sandstone</u> , brownish red, silty to very fine, s-angular to s-rounded	
2110	2140	100	<u>Siltstone</u> , as above	
2140	2200	100	<u>Sandstone</u> , as above	
2200	2230	100	<u>Siltstone</u> , as above	
2230	2260	100	<u>Sandstone</u> , as above	
2260	2300	100	<u>Siltstone</u> , as above w/ <u>shale</u> partings	
2300	2340	100	<u>Siltstone</u> , med. brownish red, argillaceous, friable, more brown than above	
2340	2360	100	<u>Shale</u> , brownish red to maroon, slightly calcareous	
2360	2470	100	<u>Siltstone</u> , brownish red, as above, very argillaceous	
2470	2500	100	<u>Siltstone</u> , med. gray, slightly calcareous, argillaceous, hard	
2500	2520	70	<u>Siltstone</u> , med. gray, slightly calcareous	
		30	<u>Shale</u> , med. gray, slightly calcareous	
2520	2540	100	<u>Shale</u> , as above	
2540	2550	100	<u>Siltstone</u> , gray-green, calcareous	
2550	2560	100	<u>Shale</u> , as above, also gray-green	

DITCH SAMPLES

Examined by C.S. Arledge 2560 to 3190
 _____ to _____

Well Farnham Dome Deep Unit 1-A
 Field or Area Carbon County, Utah

FROM	TO	%	SHOWS UNDERLINED	SAMPLES LAGGED (Not)
2560	2670	60 40	<u>Shale</u> , as above <u>Anhydrite</u> , white	
2570	2590	30 50 20	<u>Shale</u> , as above <u>Siltstone</u> , gray-green to gray, calcareous <u>Anhydrite</u> , white	
2590	2600	50 40 10	<u>Shale</u> , as above <u>Siltstone</u> , as above <u>Anhydrite</u> , as above	
2600	2650	50 50	<u>Shale</u> , med. gray to gray-green, calcareous, silty <u>Siltstone</u> , gray to gray-green, calcareous, possibly interbedded	
2650	2660	100	<u>Shale</u> , dark gray, calcareous	
2660	2670	100	<u>Anhydrite</u> , white	
2670	2690	70 30	<u>Shale</u> , as above <u>Anhydrite</u> , as above	
2690	2700	100	<u>Sandstone</u> , very fine, light gray to buff, with anhydrite	
2700	2710	100	<u>Siltstone</u> , cream to tan to buff, calcareous	
2710	2720	100	<u>Limestone</u> , tan to brown, IVFA	
2720	2730	100	<u>Limestone</u> , as above, rare. <u>Limestone</u> , oolitic, IIIVFA	
2730	2740	100	<u>Limestone</u> , tan to brown, IVFA, silty	
2740	2800	100	<u>No Samples</u> . Fragments in junk basket indicate that the <u>Navajo Sandstone</u> was encountered in this interval.	
2800	3130	100	<u>Sandstone</u> , white to tan to pink, vf-med., s-angular to s-rounded, med-sorting, matrix dolomitic in part, poor to fair porosity, numerous loose sand grains <u>3130 tentative top of Kayenta, not lagged.</u>	
3130	3140	100	<u>Siltstone</u> , green, argillaceous, sandy	
3140	3180	80 20	<u>Sandstone</u> , pink to orange, vf-f, s-angular to s-rounded, hard O-poor porosity <u>Siltstone</u> , as above, grading into Sandstone, silty to very fine	
3180	3190	40 60	<u>Sandstone</u> , as above <u>Shale</u> , dark gray to gray green, calcareous, silty	

DITCH SAMPLES

Examined by C. S. Arledge 3190 to 4100
 _____ to _____

Well Farnham Dome Deep Unit 1-A
 Field or Area Carbon County, Utah

FROM	TO	%	SHOWS UNDERLINED	SAMPLES LAGGED (Not)
3190	3280	100	<u>Shale</u> , as above, also green <u>3280 - Tentative top of Wingate - Not lagged</u>	
3280	3630	100	<u>Sandstone</u> , white to tan, vf-f, well sorted, s-angular to s-rounded, firm, poor to fair porosity <u>3630 - Tentative top of Chinle - Not lagged</u>	
3630	3640	50	<u>Sandstone</u> , as above	
		50	<u>Shale</u> , red to brown, firm, silty, slightly dolomitic	
3640	3660	80	<u>Shale</u> , as above	
		20	<u>Sandstone</u> , light green, silty - very fine, hard	
3660	3670	60	<u>Shale</u> , as above	
		40	<u>Sandstone</u> , as above	
3670	3770	80	<u>Siltstone</u> and <u>Shale</u> , red to brown to maroon, slightly dolomitic	
		20	<u>Sandstone</u> , as above	
3770	3820	100	<u>Siltstone</u> and <u>Shale</u> , as above <u>3820 - Tentative top of Shinarump - Not lagged</u>	
3820	3830	20	<u>Siltstone</u> and <u>Shale</u> , as above	
		80	<u>Shale</u> , purple, soft Also loose <u>Chert</u> fragments	
3830	3880	60	<u>Siltstone</u> , as above	
		40	<u>Shale</u> , as above. Also <u>Chert</u> , as above	
3880	3920	100	<u>Siltstone</u> and <u>Shale</u> , as above <u>Loose Chert</u> fragments	
3920	3930	100	<u>Siltstone</u> and <u>Shale</u> , as above. Becoming more brown and less maroon than above <u>3920 - Tentative top of Moenkopi - Not lagged</u>	
3930	4040	100	<u>Siltstone</u> and <u>Shale</u> , as above	
4040	4070	70	<u>Siltstone</u> and <u>Shale</u> , as above	
		30	<u>Siltstone</u> , white to light green, <u>spotty staining with black residue</u> . <u>No sample fluorescence. No cut, no cut fluorescence.</u>	
4070	4100	70	<u>Siltstone</u> and <u>Shale</u> , as above	
		30	<u>Siltstone</u> , white to light green, as above. No staining	

DITCH SAMPLES

Examined by C.S. Arledge 4100 to 4600
 _____ to _____

Well Farnham Dome Deep Unit 1-A
 Field or Area Carbon County, Utah

FROM	TO	%	SHOWS UNDERLINED	SAMPLES LAGGED (Not)
4100	4120	50	<u>Siltstone and Shale</u> , as above	
		50	<u>Siltstone</u> , white to light green, <u>spotty staining with black residue.</u>	
4120	4270	80	<u>Siltstone and Shale</u> , as above	
		20	<u>Siltstone</u> , white to light green, no staining	
4270	4320	80	<u>Siltstone and Shale</u> , as above	
		20	<u>Siltstone</u> , white to light green, <u>spotty staining with black residue.</u>	
4320	4360	60	<u>Siltstone and Shale</u> , red to brown, as above	
		40	<u>Siltstone</u> , gray to gray green, hard, no staining	
4360	4390	40	<u>Siltstone and Shale</u> , as above	
		60	<u>Siltstone</u> , as above, gray to gray-green	
4390	4440	80	<u>Siltstone</u> , gray to gray-green, hard, <u>spotty black residue stain.</u>	
			<u>No sample fluorescence. No cut, no cut fluorescence.</u>	
		20	<u>Siltstone and Shale</u> , as above, red to brown	
4440	4500	100	<u>Siltstone</u> , gray to gray green, hard, <u>spotty black residue. No sample fluorescence. No cut, no cut fluorescence.</u>	
			<u>4500 - Tentative top of Sinbad - Not lagged.</u>	
4500	4520	100	<u>Siltstone</u> , as above w/trace of <u>Limestone</u> , gray IVFA.	
4520	4550	30	<u>Limestone</u> , gray to brown, IVFA	
		70	<u>Siltstone</u> , gray to brown, <u>spotty black residue staining, no sample fluorescence, no cut, no cut fluorescence</u>	
4550	4560	80	<u>Limestone</u> , white, I-III VFA. Also <u>Limestone</u> , tan to gray, IVFA. <u>Poor uniform fluorescence on 30% of sample. Faint, milky yellow cut fluorescence on some pieces if crushed.</u>	
		20	<u>Siltstone</u> , as above.	
4560	4570	30	<u>Limestone</u> , tan to gray, IVFA	
		70	<u>Siltstone</u> , as above	
4570	4580	100	<u>Dolomite</u> , IVFA-B _{tr} -C _{tr} , white, silty. <u>Poor spotty black residue staining.</u>	
4580	4590	100	<u>Dolomite</u> , IVFA, white, silty	
4590	4600	40	<u>Dolomite</u> , as above	
		60	<u>Siltstone</u> , tan to gray, <u>spotty black to brown stain. No fluorescence, no cut, no cut fluorescence.</u>	
			<u>4590 - Tentative top of Lower Moenkopi - Not lagged.</u>	

DITCH SAMPLES

Examined by C.S. Arledge to _____
1600 to 5800

Well Farnham Dome Deep Unit 1-A
 Field or Area Carbon County, Utah

From	To	%	Shows Underlined	Samples Lagged (Not)
4600	4620	100	Siltstone, tan to gray to light green, <u>spotty black residue</u>	
4620	4640	100	Shale, light green, hard, silty	
4640	4930	60 40	Siltstone, as above Shale, as above	
<u>4930' - Tentative Top of Kaibab - Not Lagged</u>				
4930	4940	100	Siltstone, as above w/trace dolomite, white IVFA. Occ. chert fragments	
4940	5060	100	Dolomite, white to gray, I-III VFA - B _{tr} - C _{tr} , sandy, <u>spotty black residue. No fluorescence, no cut-fluorescence.</u> Also, dolomite, white IVFA. Numerous chert fragments	
<u>5060' - Tentative Top of Coconino - Not Lagged</u>				
5060	5140	100	Sandstone, white to glassy, vf-f, sub-angular to sub-rounded, med. sorting, poor porosity, <u>poor spotty black residue. No fluorescence, no cut-fluorescence.</u>	
5140	5700	100	Sandstone, white to glassy, vf-m, sub-angular to sub-rounded, poor sorting, poor porosity. No staining	
<u>5690' - Tentative Top of Permian Carbonates - Not Lagged</u>				
5700	5710	50 40 10	Sandstone, as above, white, vf-f Siltstone, red-brown, argillaceous, dolomitic Dolomite, gray to tan to brown, I-III VFA	
5710	5720	50 30 20	Sandstone, as above Siltstone, as above Dolomite, as above	
5720	5725	80 15 5	Sandstone, as above Siltstone, as above Dolomite, as above	
5725	5740	50 40 10	Sandstone, as above Siltstone, as above Dolomite, gray to brown, I-III VFA	
5740	5770	100	Sandstone, as above, white, vf-f w/parting of siltstone, as above, red to brown	
5770	5790	30 60 10	Sandstone, as above Siltstone, as above Dolomite, as above	
5790	5800	50 30 20	Sandstone, as above Siltstone, as above Dolomite, as above and dolomite, pink, IVFA	

DITCH SAMPLES

Examined by C.S. Arledge to _____
 _____ 5800 to 6310

Well Farnham Dome Deep Unit 1-A
 Field or Area Carbon County, Utah

From	To	%	Shows Underlined	Samples Lagged (Not)
5800	5825	100	Sandstone, as above, white, vf-f, sub-angular to sub-rounded, poor porosity, w/parting dolomite, gray to brown, I-III VFA	
5825	5830	90	Sandstone, as above	
		10	Sandstone, orange, vf, dolomitic, hard, sub-angular to sub-rounded	
5830	5850	50	Sandstone, white, as above	
		50	Sandstone, orange, as above	
5850	5860	70	Sandstone, orange, as above	
		30	Siltstone, reddish brown, argillaceous, dolomitic	
5860	5870	80	Siltstone, as above	
		20	Sandstone, as above	
5870	5880	100	Siltstone, as above w/parting shale, dark red	
5880	5900	80	Siltstone, as above	
		20	Dolomite, gray, IVFA, sandy	
5900	6020	70	Siltstone, orange to red brown, hard in part, dolomitic	
		30	Shale, red brown to maroon to gray, dolomitic	
6020	6030	70	Siltstone, as above, also pink and cream	
		30	Shale, as above	
6030	6040	60	Siltstone, as above	
		20	Shale, as above	
		20	Dolomite, pink, IVFA, sandy	
6040	6060	50	Siltstone, orange to pink, dolomitic	
		50	Dolomite, pink, IVFA, sandy	
6060	6080	70	Siltstone, as above	
		30	Dolomite, as above	
6080	6100	100	Dolomite, white to cream, IVFA, sandy	
6100	6110	100	Dolomite, as above, also light pink	
6110	6170	80	Siltstone, pink to lavender, v. dolomitic, grading into sandstone, silt to vf. Trace anhydrite 6110-30'	
		20	Dolomite, cream to pink, IVFA, sandy	
6170	6200	50	Siltstone, as above, also light green, soft	
		50	Shale, dark pink to maroon, dolomitic	
6200	6280	100	Shale, as above, w/parting of dolomite, pink, IVFA	
6280	6310	100	Siltstone, cream to tan, v. dolomitic, w/partings of dolomite, cream, IVFA	

DITCH SAMPLES

Examined by C.S. Arledge to _____
 _____ 6310 to 6760

Well Farnham Dome Deep Unit 1-A
 Field or Area Carbon County, Utah

From	To	%	Shows Underlined	Samples Lagged (Not)
6310	6340	100	Siltstone, light orange to pink to rose, dolomitic, grading in part to sandstone, vf	
6340	6350	100	Siltstone, dark orange, dolomitic, hard	
6350	6360	100	Siltstone, cream to pink, v. dolomitic	
6360	6370	100	Dolomite, tan, IVFA	
6370	6380	40 60	Dolomite, as above Siltstone, cream to light pink to rose, v. dolomitic	
6380	6390	100	Siltstone, cream to light pink to rose, v. dolomitic	
6390	6400	100	Sandstone, light orange to pink to lavender, silt-vf, dolomitic	
6400	6440	100	Siltstone, cream to pink to lavender to purple, dolomitic, grading in part to sandstone, silt-vf	
6440	6470	100	Sandstone, light gray to tan, vf, dolomitic, hard	
6470	6510	100	Sandstone, as above, w/good spotty black staining, black residue gives <u>no fluorescence and no cut fluorescence</u>	
6510	6540	100	Sandstone, vf, light gray to tan to cream, dolomitic	
6540	6570	60 40	Sandstone, as above, grading in part to siltstone Dolomite, tan, IVFA	
6570	6580	70 30	Sandstone, as above Dolomite, as above	
6580	6600	100	Dolomite, tan to brown, I-III VFA	
6600	6640	100	Dolomite, tan, I-III VFA	
6640	6660	100	Siltstone, cream, dolomite	
6660	6670	100	Siltstone, as above, also pink, purple and red-brown	
6670	6690	100	Siltstone, red-brown to orange, dolomitic	
6690	6700	100	Siltstone, pink to rose, dolomitic	
6700	6710	40 60	Siltstone, as above Dolomite, cream to tan, III/I VFA	
6710	6720	100	Siltstone, light gray, dolomitic, pyrite	
6720	6760	100	Dolomite, tan to brown, I-III VFA, silty	

DITCH SAMPLES

Examined by C.S. Arledge to _____
_____ 6760 to 7165Well. Farnham Dome Deep Unit 1-A
Field or Area Carbon County, Utah

From	To	%	Shows Underlined	Samples Lagged (Not)
6760	6800	100	Siltstone, cream to light gray to pink to orange to purple, dolomitic, grading in part to sandstone, silt-vf w/partings of dolomite, tan, IVFA	
6800	6810	100	Dolomite, tan, IVFA - B _{tr} , v. silty	
6810	6830	100	Dolomite, tan, IVFA, silty	
6830	6870	30 70	Dolomite, tan to brown, IVFA, silty Sandstone, white to light gray, vf, dolomitic	
6870	6880	60 40	Sandstone, as above Dolomite, dark brown to black, I-III VFA, silty	
6880	6900	100	Dolomite, as above, also chert, dark brown to black	
6900	6910	30 70	Dolomite, as above Siltstone, light gray to tan, dolomitic	
6910	6930	90 10	Siltstone, as above Dolomite, tan, IVFA	
6930	6940	70 30	Siltstone, as above Dolomite, as above	
6940	6960	50 50	Siltstone, as above Dolomite, as above	
6960	7010	100	Sandstone, white to buff, very fine to fine, dolomitic, <u>w/spotty black staining. Black residue gives no flourescence and no cut-flourescence.</u>	
7010	7020	100	Sandstone, as above, No staining.	
7020	7040	100	Sandstone, gray, silt to very fine, dolomitic, hard.	
7040	7050	70 30	Sandstone, cream to pink to rose, silt to very fine, dolomitic. Dolomite, tan, IVFA, sandy.	
7050	7080	100	Sandstone, as above.	
7080	7115	100	Sandstone, white to light gray, very fine, dolomitic.	
7115	7135	100	Sandstone, white to light gray to tan, silt to very fine, dolomitic.	
7135	7145	50 50	Sandstone, as above Dolomite, tan to brown I-IIIIVFA.	
7145	7155	90 10	Sandstone, as above. Dolomite, as above.	
7155	7165	50 50	Sandstone, as above. Dolomite, as above.	

DITCH SAMPLES

Examined by C.S. Arledge to _____
7165 to 7590

Well Farnham Dome Deep Unit 1-A
 Field or Area Carbon County, Utah

From	To	%	Shows Underlined	Samples Lagged (not)
7165	7225	100	Sandstone, as above, w/parting of Dolomite, as above.	
7225	7240	100	Sandstone, white to cream, fine, very dolomitic, w/parting of Dolomite, as above.	
7240	7260	80 20	Sandstone, cream to light gray to tan, silt to very fine, dolomitic. Dolomite, tan to brown, I-IIIIVFA.	
7260	7270	20 80	Sandstone, as above. Dolomite, as above.	
<u>7270' - Tentative Top of Manning Canyon - Not Lagged.</u>				
7270	7295	100	Shale, gray to black.	
7295	7300	60 40	Shale, as above. Sandstone, white, very fine, firm.	
7300	7310	100	Shale, as above.	
7310	7315	100	Sandstone, white to glassy, very fine, hard.	
7315	7325	100	Shale, as above.	
7325	7335	50 50	Shale, as above. Sandstone, gray, very fine.	
7335	7415	100	Shale, black.	
7415	7455	10 90	Limestone, brown, IVFA. Shale, dark gray to black.	
7455	7475	40 60	Limestone, as above. Shale, as above.	
7475	7510	10 90	Limestone, as above. Shale, as above.	
7510	7545	100	Shale, as above.	
7545	7550	10 90	Shale, maroon. Shale, light to dark gray.	
7550	7570	40 60	Shale, maroon. Shale, light to dark gray.	
7570	7575	10 40 50	Limestone, gray, IVFA. Shale, maroon. Siltstone, light gray.	
7575	7590	20 60 20	Limestone, gray, IVFA. Siltstone, light to dark gray. Shale, maroon.	

DITCH SAMPLES

Examined by C.S. Arledge to _____
_____ 7590 to 7955Well. Farnham Dome Deep Unit 1-A
Field or Area Carbon County, Utah

From	To	%	Shows Underlined	Samples Lagged (Not)
7590	7605	20	Limestone, medium gray to brown gray, IVFA, sandy in part.	
		80	Siltstone, light to dark gray.	
7605	7620	70	Limestone, as above.	
		30	Siltstone, as above.	
			Tr. Sandstone, light gray, very fine.	
7620	7640	10	Limestone, as above.	
		90	Siltstone, as above.	
			Tr. sandstone, as above.	
7640	7700	100	Siltstone, as above.	
			Tr. sandstone, as above 7690-7700.	
7700	7715	80	Siltstone, light to dark gray.	
		20	Siltstone, medium brown.	
7715	7755	75	Siltstone, light to dark gray	
		20	Siltstone, medium brown.	
		5	Shale, greenish-gray.	
			Tr. Sandstone, as above.	
7755	7780	50	Siltstone, light to dark gray.	
		50	Siltstone, light to dark brown.	
			Tr. Shale, greenish-gray.	
			Tr. Sandstone, gray, very fine.	
			Tr. Limestone, brown, IVFA.	
7780	7800	10	Sandstone, light gray, very fine, calcareous.	
		70	Siltstone, light to dark gray.	
		20	Siltstone, light to dark brown.	
			Tr. Limestone, brown, IVFA.	
7800	7815	10	Limestone, medium brown, IVFA.	
		10	Sandstone, light gray, very fine.	
		80	Siltstone, light to dark gray.	
7815	7850	20	Limestone, as above.	
		20	Sandstone, as above.	
		60	Siltstone, as above.	
7850	7895	10	Limestone, as above.	
		30	Sandstone, as above.	
		60	Siltstone, as above.	
7895	7920	10	Limestone, as above.	
		30	Sandstone, as above.	
		60	Siltstone, as above.	
7920	7955	50	Sandstone, as above.	
		40	Siltstone, as above.	
		10	Limestone, as above.	

DITCH SAMPLES

Examined by Shepard _____ to _____
 _____ 7955 to 7960
 Arledge 7960 9185

Well Farnham Dome Deep Unit 1-A
 Field or Area Carbon County, Utah

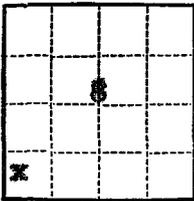
From	To	%	Shows Underlined	Samples Lagged (Not)
7955	7960	50	Sandstone, as above.	
		50	Siltstone, as above, w/trace of <u>dolomite</u> , brown, I/III VFA.	
7960	7970	70	Sandstone, cream to gray, vf	
		30	Dolomite, white to light gray to brown, I/III VFA	
			7970' - Tentative Top of Redwall - Not Lagged	
7970	8100	100	Dolomite, brown, I/III VFA, also cream and light gray, sandy	
8100	8200	100	Dolomite, brown, I/III VFA - B _{tr} - C _{tr} - D _{tr} , sandy	
8200	8400	100	Dolomite, brown, I/III VFA	
8400	8420	100	Dolomite, brown, III VFA - B ₁ - C _{tr}	
8420	8430	100	Dolomite, brown, III VFA - B ₂ - C ₁	
8430	8460	100	Dolomite, brown, III VFA - B ₂ - C _{tr}	
8460	8480	100	Dolomite, brown, III/I VFA - B _{tr}	
8480	8560	100	Dolomite, brown, III/I VFA	
8560	8570	100	Dolomite, as above, w/chert fragments, black	
8570	8580	50	Dolomite, as above, w/chert, black	
		50	Dolomite, white, I/III VF-FA - B _{tr} - C _{tr} , w/chert fragments, white	
8580	8760	100	Dolomite, white, I/III VF-FA - B _{tr} - C _{tr} , w/chert, white	
8760	8780	100	Dolomite, as above, also dolomite, brown, I/III VFA - B _{tr} - C _{tr}	
8780	8800	100	Dolomite, brown, I/III VFA - B ₁ - C _{tr}	
8800	8830	100	Dolomite, brown, I/III VF-MA - B _{tr} - C _{tr}	
8830	8930	100	Dolomite, brown, I/III VFA	
8930	9000	100	Dolomite, brown, I-III VF-FA - B _{tr} - C _{tr}	
9000	9170	100	Dolomite, brown, I/III VFA	
9170	9185	100	Dolomite, white to light brown, IVFA, w/parting sandstone, white, VF-F, dolomitic	

(SUBMIT IN TRIPPLICATE)

Land Office Salt Lake City, Utah

Lease No. U 06102A

Unit Farnham Dome



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.....	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)

September 9, 1959

Farnham Dome Deep
Well No. Unit 1A is located 615 ft. from S line and 690 ft. from W line of sec. 8

SW SW 8 15S 12E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Carbon Utah
(Field) (County or Subdivision) (State or Territory)

*Test well
Cleaned
H
9-14*

The elevation of the Kelly Bushing derrick floor above sea level is 5701 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. Flugged as follows:
 - a. 75 sacks cement 5700-5800
 - b. 75 sacks cement 3020-3120
 - c. 75 sacks cement 1910-2010
 - d. 50 sacks cement across shoe of surface casing (975'). Located hard cement at 1010'. Flugged at 900' with 30 sacks cement. Found top of cement at 1050'. Flugged with 50 sacks cement. Found top of cement at 910'.
2. Flugged with a 10 sack cement plug at surface, installed abandonment marker, abandoned 8-20-59.

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 158

Farmington, New Mexico

Original signed by
B. W. SHEPARD

By B. W. Shepard
Title Exploitation Engineer

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City, Utah

Lease No. U 06102a

Unit Farnham Dome

	8		
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.....		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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....			

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

September 14, 1959

Well No. Farnham Dome Deep Unit 1 is located 615 ft. from DN S line and 690 ft. from NE W line of sec. 8

SW SW S
(¼ Sec. and Sec. No.)

15S
(Twp.)

12E
(Range)

SLM
(Meridian)

Wildcat
(Field)

Carbon
(County or Subdivision)

Utah
(State or Territory)

The elevation of the Kelly Bushing ~~drank floor~~ above sea level is 5701 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)

IST 1A 8323-9174 (Redwall - Miss.) Initial shut in 45 min., open 2 hrs., Final shut in 2-1/4 hrs., (350' air-cushion). Immediate strong blow gradually decreasing to moderate. Rec. 6850' (95B) slightly gassy slightly mud out salt water with trace of oil. Strong sulphur odor. ISIP 3120, IFF 795, FFF 3097, FSIP 3120, HF 4010. (Special water samples taken by Halliburton sampler and wire line sampler.)

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 Box 156

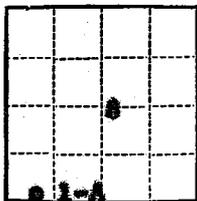
Farmington, New Mexico

Original signed by
B. W. SHEPARD

By _____

B. W. Shepard

Title Exploitation Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. U-06102-A
Unit _____

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	XX	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)

Well No. 1-A is located 615 ft. from N line and 690 ft. from W line of sec. 8
 (Tw. 15 S (R. 13 E S. 1 Meridian)
Wildcat Cachuma County Utah
 (State of Utah)

The elevation of the derrick ~~floor~~ ^{ground} above sea level is 3687 ft.
~~3687~~

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)

Plan to re-enter Shell Oil Company former Farnham Dows Well No. 1-A. To drill out cement plugs to approximately 3000', run 3 1/2" or 7" casing and test Meenkepi by perforation. This well was previously plugged and abandoned on 8/20/59 by Shell oil Company.

CC: Utah Oil & Gas Conservation Commission

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

Company Equity Oil Co.
 Address 806 American Oil Bldg.
Salt Lake City 1, Utah
 By [Signature]
 Title Engineer

November 14, 1961

Equity Oil Company
806 American Oil Bldg.
Salt Lake City 1, Utah

Attn: G. E. Johnson, Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to rework well no. Farnham Dome Unit #1-A, which is located 615 feet from the south line and 690 feet from the west line of Section 8, Township 15 South, Range 12 East, S1E4, Carbon County, Utah.

Please be advised that insofar as this office is concerned approval to rework 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

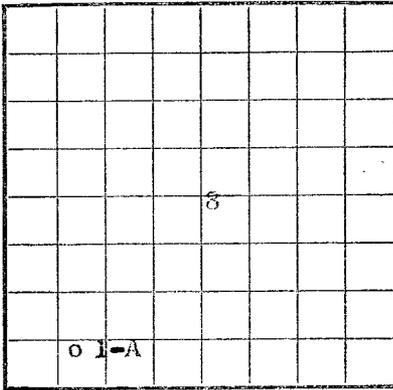
**CLEON B. FREIGHT,
EXECUTIVE DIRECTOR**

CBF:avg

cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey

H. L. Coonts - OGCC, Moab

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER U-06102-A
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENTARY - Former Shell Oil Company Well
LOG OF OIL OR GAS WELL

Company Equity Oil Company Address 806 American Oil Bldg., SLC, Utah
Lessor or Tract _____ Field Wildcat State Utah
Well No. 1-A Sec. 8 T. 15S R. 12E Meridian SLM County Carbon
Location 615 ft. $\left\{ \begin{matrix} N. \\ S. \end{matrix} \right\}$ of 5 Line and 629 ft. $\left\{ \begin{matrix} E. \\ W. \end{matrix} \right\}$ of 4 Line of Section 8 Elevation 5587 Ord
(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 _____

Date December 15, 1955 Title Engineer

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

Commenced drilling _____, 19____ Finished drilling _____, 19____

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-	
7"	20.8-23#	8R	Spang	5026	Hallib.		4937	41	Prod. String
							4494 1/2	4500 1/2	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	5025	375 Sacks of reg.	Plug		

PLUGS AND ADAPTERS

Heaving plug - Material _____ Length _____ Depth set _____

Adapters - Material _____ Size _____

FOLD MARK

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

_____, 19____ Put to production _____
 Well shut in - no market available
 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
 Dallas Goodrich _____, Driller L. H. Powers _____, Driller
 W. J. Edwards _____, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
Log tops previously submitted by Shell Oil Co.			
Well History of workover:			
			Cleaned out well to 5100', ran Wellex Gamma-Ray - Amplitude Log. Pumped in 140 sack cement plug with drill pipe set at 5225', let stand 12 hours and checked top of cement at 4912. Drilled cement out to 5025. Set 7" 200 & 230 casing at 5025' and cemented with 375 sacks of regular cement containing 10% Gilonite and 4% Gel. Perforated with five-way radial jet at 4939', and at 4937 - 41' perforated 4 holes per foot alternating 3-5/8" Crack Jets and Capsule jets. Acidized with 250 gallons of mud acid and 500 gallons of 15% HCl. Pumped in at 1000 psi. Let stand 1 1/2 hrs and swabbed well down, made very salty NAA black sulphur water with small amount of CO2 gas. Set bridge plug at 4800 with 5' of Galseal on top and perforated with five-way radial jet at 4697 and 4498, and 4 shots per foot alternating 3-5/8" Crack Jets and Capsule jets from 4494 1/2 to 4500 1/2. Ran 2-7/8" tubing to 4480' and acidized zone with 250 gallons of mud acid and 500 gallons of HCl (15%). Ran swab twice and well kicked off and cleaned up making CO2 gas with no sign of water or oil. Shut well in 12/5/61. On 12/12/61 shut in casing pressure 1100 psi, opened on full 2 1/2" opening out of top of head, after 30 minutes casing pressure leveled off at 700 psi and stayed on 700 psi for 3 hours until shut in. Attempted gauging well but gas volume too great for gauging equipment on hand.
			Enclosures: Copies of Wellex Gamma-Ray Amplitude Log
CC: - Utah Oil & Gas Conservation Commission			

[OVER]



COMMISSIONERS

C. R. HENDERSON
CHAIRMAN
M. V. HATCH
C. S. THOMSON
E. W. CLYDE
W. G. MANN

EXECUTIVE SECRETARY
C. B. FEIGHT

THE STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

310 NEWHOUSE BUILDING
10 EXCHANGE PLACE
SALT LAKE CITY 11

PETROLEUM ENGINEERS

ROBERT L. SCHMIDT
CHIEF ENGINEER
SALT LAKE CITY

H. L. COONTS
BOX 266
MOAB, UTAH

December 19, 1961

Equity Oil Company
806 American Oil Building
Salt Lake City, Utah

Attention Mr. C. E. Johnson, Engineer

Re: Well No. Farnham Dome Unit 1-A,
Sec. 18, T. 15 S, R. 12 E,
Carbon County, Utah

Gentlemen:

Thank you very much for submitting the well log and electric log for the reworking of the above mentioned well. However, the well log did not contain a commencing date for the rework, a shut-in or completion date of the rework, or a gas gauge.

We are returning one copy of said well log for you to complete with the two above mentioned dates, and when a gas gauge is run on this well, we would very much appreciate receiving it.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

Ann W. Glines
ANN W. GLINES
RECORD CLERK

AWG/cn

As noted in the well log, no. gauge of well was obtained when well was checked on Dec 17th. However when a gauge is obtained we will submit this information to your office.
Equity Oil Co
AKB

		8	
1-A			

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH

Federal Lease U-06102-A

- Fee and Patented.....
- State
- Lease No.
- Public Domain
- Lease No.
- Indian
- Lease No.

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 Altering Casing.....	
Notice of Intention to Redrill or Repair.....	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	Supplementary Well History.....	
Notice of Intention to Abandon Well.....	Report of Well.....	
	Potential.....	X

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

Well No. *Harsham Dome Unit* 1-A is located 615 ft. from $\left\{ \begin{matrix} X \\ S \end{matrix} \right\}$ line and 690 ft. from $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$ line of Sec. 8
 March 22, 1962
 SW SW Sec. 8 15 S 12E SLM
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
 Wildcat Carbon Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the ~~drill floor~~ ^{ground} above sea level is 5687 feet.

A drilling and plugging bond has been filed with Government Statewide Bond in Effect.

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 work, surface formation, and date anticipate spudding-in.)

Well gauged by T. A. Dugan, Registered Engineer, Farmington New Mexico, on March 12, 1962. Gauged indicated absolute open flow of 2,750 MCF/D CO₂ gas. Well is shut in as no market is available for this gas at present.

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

Company Equity Oil Company
 Address 806 American Oil Building
Salt Lake City 1, Utah
 By *[Signature]*
 Title Engineer

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION & SERIAL NO. U-06102-A
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> *OTHER *CO ₂ Well <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Equity Oil Company		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR P O Box 959, Salt Lake City, Ut 84110-0959		9. WELL NO. 1-A Farnham Done
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 615' FSL & 690' FWL, Sec. 8, T 15S, R 12E At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT Wildcat 11. SEC. T. R. MN. OR BLK. AND SURVEY OR AREA SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 8, T15S, R12E
14. API NO. 4300715395	15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5687' GR	12. COUNTY Carbon
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> Present Well Status* <input checked="" type="checkbox"/>
APPROX. DATE WORK WILL START _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) *ANNUAL STATUS REPORT DATE OF COMPLETION _____

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Well Shut In.
Unable to secure a CO₂ market at present time.

RECEIVED

JAN 24 1992

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED *Juni Farn* TITLE Petroleum Engineer DATE 1/23/92

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		3. LEASE DESIGNATION & SERIAL NO. U-06102-A
		6. IF INDIAN ALLOTTEE OR TRIBE NAME
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> *OTHER *CO ₂ Well <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Equity Oil Company		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR P O Box 959, Salt Lake City, Ut 84110-0959		9. WELL NO. 1-A Farnham Done
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 615' FSL & 690' FWL, Sec. 8, T 15S, R 12E At proposed prod. zone		10. FIELD AND POOL OR WILDCAT Wildcat 11. SEC. T. R. N. OR BLK. AND SURVEY OR AREA SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 8, T15S, R12E
14. API NO. 4300715395	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5687' GR	12. COUNTY Carbon 13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Present Well Status* <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>	
APPROX. DATE WORK WILL START _____		*ANNUAL STATUS REPORT DATE OF COMPLETION _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Well Shut In.
Unable to secure a CO₂ market at present time.

RECEIVED
JAN 05 1993
DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Juni Lane TITLE Petroleum Engineer DATE 1/4/93

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

FEB 2 1996

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION & SERIAL NO. U-06102-A
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> *OTHER *CO ₂ Well <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Equity Oil Company		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR P O Box 959, Salt Lake City, Ut 84110-0959		9. WELL NO. 1-A Farnham Done
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 615' FSL & 690' FWL, Sec. 8, T 15S, R 12E At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 8, T15S, R12E
14. API NO. 4300715395	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5687' GR	12. COUNTY Carbon
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/> APPROX. DATE WORK WILL START _____	PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <u>Present Well Status*</u> <input checked="" type="checkbox"/> <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small> *ANNUAL STATUS REPORT DATE OF COMPLETION _____

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Well Shut In.
Unable to secure a CO₂ market at present time.

18. I hereby certify that the foregoing is true and correct

SIGNED Jui Fan TITLE Petroleum Engineer DATE 01/31/96

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Equity Oil Company

3. Address and Telephone No.
 PO Box 959, Salt Lake City, UT 84110-0959 (801) 521-3515

4. Location of Well (Footage, Sec, T., R., M., or Survey Description)
 615' FSL, 690' FWL, SW SW Sec 8, T15S, R12E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

FORM APPROVED
 Budget Bureau No. 1004-0135
 Expires March 31, 1993

5. Lease Designation and Serial No.
 U-06102-A

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

8. Well Name and No.
 Farnham Dome 1A

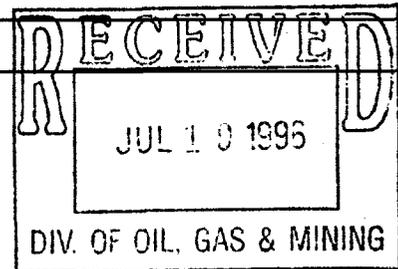
9. API Well No.
 4300715395

10. Field and Pool, or Exploratory Area
 Farnham Dome-Moenkopi

11. Country or Parish, State
 Carbon, UT

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)



13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Farnham Dome 1A was plugged and abandoned as follows:

- 1) Set CIBP in 7" casing at 4435' and second one at 4420', plugs would not PT.
- 2) Verified casing leaks between 2207' and 2710'.
 Above reported on Sundry 06/28/96.
- 3) Set 25 sk cement plug 4310' - 4410'. Loaded hole with 9.0 ppg gel/poz fluid.
- 4) Set retainer at 2130'. Squeezed casing below retainer with 100 sks. Dumped 30' of cement on retainer. Reversed out with 9.0 ppg gel/poz fluid.
- 5) Perfed squeeze holes at 1050'. Set retainer at 1010'. Squeezed surface casing with 100 sks, dumped 30' of cement on retainer. Reversed out with 9.0 ppg gel/poz fluid.
- 6) Set 50' surface plug (25 sks).
- 7) Cut off wellhead and welded DHM on surface casing. Dug up and cut off deadman anchors. Filled cellar and cleaned up location. Completed by 07/15/96. Note: All cement used was Premium Type 'G'.

Location restoration will proceed as conditions allow.

The P & A was witnessed by Mr. Michael Kaminski.

14. I hereby certify that the foregoing is true and correct

Signed Brent P. Marchant Title Staff Operations Engineer Date 7/18/96

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:



HALLIBURTON JOB SUMMARY

HALLIBURTON DIVISION **WESTERN**
 HALLIBURTON LOCATION **VERNAL**

BILLED ON TICKET NO. **482772**

WELL DATA
 FIELD **WELLINGTON** SEC **8** TWP **15 S** RNG **12 E** COUNTY **CARBON** STATE **UTAH**

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____
 PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	4	30	7	0	70	
LINER						
TUBING	4	6.5	2 7/8	0	4400	
OPEN HOLE						SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

JOB DATA

CALLLED OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
6-28-96	6-28-96	6-28-96	6-29-96
TIME 1100	TIME 1500	TIME 1530	TIME 1400

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. API
 DISPL. FLUID _____ DENSITY _____ LB./GAL. API
 PROP. TYPE _____ SIZE _____ LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE _____ GAL. _____ IN
 NE AGENT TYPE _____ GAL. _____ IN
 FLUID LOSS ADD. TYPE _____ GAL. LB. _____ IN
 GELLING AGENT TYPE _____ GAL. LB. _____ IN
 FRIC. RED. AGENT TYPE _____ GAL. LB. _____ IN
 BREAKER TYPE _____ GAL. LB. _____ IN
 BLOCKING AGENT TYPE _____ GAL. LB. _____ IN
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
L. Young	PICKUP	VERNAL
V. MERKLEY	RCM 77066	"
R. HARDINGER	Bulk 4647	"

DEPARTMENT **CEMENT**
 DESCRIPTION OF JOB **PDA**
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN
 CUSTOMER REPRESENTATIVE **X Leo S. Gosh**
 HALLIBURTON OPERATOR **Fred Young** COPIES REQUESTED **2**

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SK	MIXED LBS./GAL
	25	Premium	IV	13	HEAT	1.18	75.6
	100	"	"	"	"	"	"
	100	"	"	"	"	"	"
	15	"	"	"	"	"	"

PRESSURES IN PSI _____ **SUMMARY** _____ **VOLUMES** _____
 CIRCULATING _____ DISPLACEMENT _____ PRES LUSH: BBL - GAL _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL - GAL _____ PAD: BBL - GAL _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL - GAL _____ DISPL: BBL - GAL _____
 SHUT-IN: INSTANT _____ 15 MIN _____ CEMENT SLURRY: BBL - GAL _____
 ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL - GAL _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL _____ OVERALL _____ REMARKS **SEE Job Log**
 FEET _____ REASON _____

CUSTOMER: **SOULTY OIL**
 LEASE: **FARNHAM**
 WELL NO.: **1-A**
 JOB TYPE: **PDA**
 DATE: **6-28-96**



JOB LOG / HAL-2013-C

DATE: 6-27-96 PAGE NO: 1

CUSTOMER: EQUITY OIL WELL NO: 1-A LEASE: FARNHAM Dome JOB TYPE: 7" Tools TICKET NO: 982246

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
0920	0633							ON/OFF
	0738							PLU 7" RTTS ON 2 1/4" TUBING
	0915							SET RTTS @ 4345 1 STD OUT
	0920	2				200		TRY TO TEST ANN WOULDNT TEST
	0936							TEST BRIDGE PLUG LAST PRESS
								200 PSI 30 MIN
	1011							BLEED AIR & GAS OUT OF TUBING
	1034							REL RTTS B.P OK 8 STD OUT
	1045							PULLED 7 STD SET RTTS @ 3903
	1049							TEST TUBING OK
	1110							REL RTTS Pull 8 STD SET RTTS @ 3400 16 STD OUT
	1128							TEST DOWN TUBING OK
	1200							REL RTTS Pull 8 STD
	1213							SET RTTS @ 2897 24 STD OUT
	1216							TEST DOWN TUBING OK
	1234							REL RTTS Pull 8 STD
	1245							SET RTTS @ 2392 32 STD OUT
								Pump DOWN TUBING WELL CIRCULATED
	1250							Pump DOWN ANN OK
	1259							REL RTTS Run 4 STD SET @ 2616 28 OUT
								Pump DOWN TUBING OK
	1319							REL RTTS Run 2 STD
	1323							SET RTTS @ 2773 26 OUT
	1327							TUBING TESTED
	1347							REL RTTS Pull 1 STD
	1349							SET RTTS @ 2710
	1351							TUBING TESTED BOTTOM OF
								LEAK BETWEEN 2710 - 2646
	1408							REL RTTS Pull 7 STD
	1417							SET RTTS @ 2270 34 OUT
								ANN WOULDNT TEST
	1425							REL RTTS Pull 1 STD
	1429							SET RTTS @ 2207 35 STD OUT
								ANN TESTED TOP OF BAD CSN
								BETWEEN 2270 - 2207
	1520							REL RTTS P OOH
	1510							LAY RTTS DOWN PLU 7" ERSU



HALLIBURTON JOB SUMMARY

HALLIBURTON DIVISION **WESTERN**
 HALLIBURTON LOCATION **VERNAL**

BILLED ON **982272**
 TICKET NO. **982272**

WELL DATA

FIELD **WELLINGTON** SEC **8** TWP **15S** RNG **12E** COUNTY **CARBON** STATE **UTAH**

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____
 PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	4	70	7	0	70	
LINER						
TUBING	4	6.5	2 7/8	0	4400	
OPEN HOLE						SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
6-28-96	6-28-96	6-28-96	6-29-96
TIME 1100	TIME 1500	TIME 1530	TIME 1400

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
L. Young	PICKUP	VERNAL
V. MERKLEY	KCM	"
R. HARDINGER	Bulk	"
	4647	

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. API
 PROP. TYPE _____ SIZE _____ LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE _____ GAL. _____ IN.
 NE AGENT TYPE _____ GAL. _____ IN.
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN.
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN.
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN.
 BREAKER TYPE _____ GAL.-LB. _____ IN.
 BLOCKING AGENT TYPE _____ GAL.-LB. _____ IN.
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT **CEMENT**
 DESCRIPTION OF JOB **PPA**
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN
 CUSTOMER REPRESENTATIVE **X Leo J. Foon**
 HALLIBURTON OPERATOR **Fred Young** COPIES REQUESTED **2**

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SCK.	MIXED LBS./GAL.
	25	Premium	V	13	HEAT	1-18	15-6
	100	"	"	"	"	"	"
	100	"	"	"	"	"	"
	15	"	"	"	"	"	"

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET _____ REASON _____

SUMMARY

PRESLUSH: BBL. GAL. _____ TYPE _____
 LOAD & BKDN: BBL. GAL. _____ PAD: BBL. GAL. _____
 TREATMENT: BBL. GAL. _____ DISPL.: BBL. GAL. _____
 CEMENT SLURRY: BBL. GAL. _____
 TOTAL VOLUME: BBL. GAL. _____
 REMARKS **SEE Job Log**

FIELD OFFICE

CUSTOMER **QUALITY OIL**
 LEASE **EARNHAM**
 WELL NO. **1-D**
 JOB TYPE **PPA**
 DATE **6-28-96**



JOB LOG / HAL-2013-C

DATE: 6-27-96 PAGE NO: 1

CUSTOMER: EQUITY OIL WELL NO: 1-A LEASE: FARNHAM DOME JOB TYPE: 7" Tools TICKET NO: 982246

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
627	0633							ON LOC
	0738							P/U 7" RTTS ON 2 1/8" TUBING
	0915							SET RTTS @ 4345 1 STD OUT
	0920	2				200		TRY TO TEST ANN WOULDNT TEST
	0936							TEST BRIDGE PLUG 1000 PRESS
								2000 PSI 30 MIN
	1011							BLEED AIR & GAS OUT OF TUBING
	1034							REL RTTS B-P OK 8 STD OUT
	1045							PULLED 7 STD SET RTTS @ 3903
	1049							TEST TUBING OK
	1110							REL RTTS Pull 8 STD SET RTTS @ 3400 16 STD OUT
	1123							TEST DOWN TUBING OK
	1200							REL RTTS Pull 8 STD
	1213							SET RTTS @ 2897 24 STD OUT
	1216							TEST DOWN TUBING OK
	1234							REL RTTS Pull 8 STD
	1245							SET RTTS @ 2392 32 STD OUT
								Pump DOWN TUBING WELL CIRCULATED
	1257							Pump DOWN ANN CIR 2800
	1259							REL RTTS Run 4 STD SET @ 2646
								Pump DOWN TUBING CIR
	1319							REL RTTS Run 2 STD
	1323							SET RTTS @ 2773 26 OUT
	1327							TUBING TESTED
	1347							REL RTTS Pull 1 STD
	1349							SET RTTS @ 2710
	1351							TUBING TESTED BOTTOM OF
								LEAK BETWEEN 2710 - 2646
	1408							REL RTTS Pull 7 STD
	1417							SET RTTS @ 2270 34 OUT
								ANN WOULDNT TEST
	1425							REL RTTS Pull 1 STD
	1427							SET RTTS @ 2207 35 STD OUT
								ANN TESTED TOP OF BAD CSN
								BETWEEN 2270 - 2207
	1520							REL RTTS P DOWN
	1510							LAY RTTS DOWN P/U 7" E2SU



JOB LOG HAL-2019-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.
EQUITY OIL		1-A		FARNHAM DOME		7" Tools		982246
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1712							CHANGE OF PLANS ROOM W/ ERSU LAY ERSU & SETTING Tool Down
	1800							THRU FOR DAY
L-28	0830							ON LOC WAIT ON ORDERS
	1630							PUMP 140' PLUG 25 SK FROM 1467-4267 PULLED 4 STDS PUMP 9" PLUG OF PORE BENTONITE 4155 2000' PULL OUT OF HOLE LAYING DOWN 74 JTS RFD
L-29	0645							ON LOC
	0707							P/U 7" ERSU AND MECH SETTING TOOL JTH
	0834							SET ERSU @ 2135 74 JTS OUT
	0838							TEST ANN TO 500 PSI F/10 MARK
	0858							TEST TUB 1000 PSI OK
	0911							ROTATE TOOL STRING INTO ERSU
	0912	2.5				150		START INJ RATE START 100 SK 15.85 CMT
	0925							STRING OUT LAY 3 JTS DOWN 30 CMT
	0935							FILL CSN W/ 9" FLUID FRONT ON TOP 2044-1050
								POOH LAY DOWN 36 JTS
								STAND BACK 16 STDS
	1033							LAY DOWN SETTING TOOL R/Pu PERFORMING
	1117							PERF @ 1050'
	1152							SET ERSU @ 1010 WIRELINE
	1203							P/U 7" STAR GUIDE CLOSE BLINDS
								PUMP DOWN CSN AND OUT SURFACE
	1233							STRING IN
	1235							START FRESH AHEAD MIX'S PUMP 100 SK 15.85 CMT
	1247							STRING OUT LEAVE 30 CMT ON TOP LAY DOWN 3 JTS
	1253							FILL CSN W/ 9" MUD
	1318							POOH LAYING DOWN
	1344							LAY DOWN STAR GUIDE THRU 4/5 JOB

THANKS/ R. RAY