

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 R.P.D.
Copy NID to Field Office ✓
Approval Letter _____
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 6-2-68
OW _____ WW _____ TA _____
GW _____ OS _____ PA X

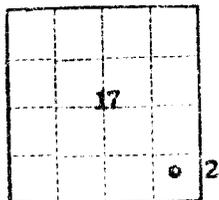
Location Inspected RWB
Bond released _____
State of Fee Land _____

LOGS FILED

Driller's Log 6-14-68
Electric Logs (No.) 3

E _____ I _____ E-I ✓ GR _____ GR-N _____ Micro _____
Lat _____ Mi-L _____ Sonic ✓ Others Formation Density Log

Form 9-321a
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. U-05487
Unit _____

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	<input type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	<input type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	<input type="checkbox"/>	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	<input type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	<input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<input type="checkbox"/>		

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

May 3, 1962

Well No. 2 is located 660 ft. from W line and 660 ft. from E line of sec. 17

SE 1/4 SE 1/4 Sec. 17
(4 Sec. and Sec. No.)

15S
(Twp.)

12 E
(Range)

SLM
(Meridian)

Wildeat
(Field)

Carbon
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 5600 ft. (Estimated)

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)

Well is being drilled to test the Moenkopi at approximately 4000' and the Simbad at approximately 4600'. Plan to set approximately 175' of 8-5/8", 24# surface casing and cement to surface, and drill 7-7/8" hole to approximately 4300'.

If well is considered commercial, will run 5 1/2" casing and complete.

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

Company Equity Oil Company

Address 806 American Oil Bldg.

Salt Lake City, Utah

By C. E. Johnson

Title Engineer

May 4, 1962

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

Attn: C. E. Johnson, Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Farnham Dome Unit #2, which is to be located 660 feet from the south line and 660 feet from the east line of Section 17, Township 15 South, Range 12 East, S18M, Carbon County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted. However, this approval is conditional upon a Plat being furnished this office in accordance with Rule C-4 (a), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

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

KBF:kb

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

H. L. Coonts - OGCC, Moab

EQUITY OIL COMPANY

806 AMERICAN OIL BUILDING
SALT LAKE CITY 1, UTAH

May 7, 1962

Mr. Cleon B. Feight
Executive Director
Oil & Gas Conservation Commission
310 NewHouse Building
Salt Lake City 11, Utah

Dear Sir:

We are enclosing a plat covering the proposed drilling site for our Farnham No. 2 Well in Section 17, T 15 S, R 12 E, Carbon County, Utah, in accordance with your letter of May 4, 1962.

We trust this will complete the information you need in order to approve the drilling of this well.

Very truly yours,

EQUITY OIL COMPANY


C. E. Johnson

CEJ/akc

Enclosure

8 5/8	232 KB	120 Sacks	Displacement
-------	--------	-----------	--------------	-------

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 4572 feet, and from feet to feet

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

DATES P & A - 6/2/62

....., 19..... 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 **Contractor - Bueno Drilling Company**, Driller

....., Driller, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
905	950	45	Buckhorn Conglomerate
950	1960	1010	Morrison (Undiff.)
1960	2715	755	Entrade - Carmel (Undiff.)
2715	3525	810	Navajo - Wingate (Undiff.)
3525	3725	200	Chinle-
3725	3765	40	Shinarump
3765	T.D.	---	Moenkopi
	4388	T.D.	Sinbad, Mbr.

Enclosures - 4 copies each of the following logs:

- Formation Density Log
- Induction Log
- Gamma Ray - Sonic Log.

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailings.

Drilled 12 1/2" hole to 232 (RKB) & Set 218' of 8 5/8" 24# J-55 casing to bottom. Cemented with 120 sacks containing 2% Calcium Chloride. Let stand 24 hours. Drilled 7 7/8" to 4400' - Cored 7 3/4" Hole to 4572'.

Run Drill stem tests as follows:

DST No. 1
Interval: 4500 - 4572'
Shut in 30 minutes for FSI pressure. Opened with good blow to weak blow in 30 minutes, very weak for 1 hour, open 1 1/2 hrs. Closed in one hour for FSI pressure. Pulled tool and recovered 90% of drilling mud with faint odor of CO₂.

Uncorrected Pressures:

IHP	2105 psi
ISIP	1035
IFP	20
FFP	20
FSIP	1135
FHP	2105

DST No. 2

Interval: 4350 - 4572' (Used Sidewall Anchor Tool)
Open 5 minutes, shut in 30 minutes for ICIP. Opened to flow at 5:30 AM, 6/2/62. Gas to surface immediately, strong blow, mud to surface in 45 minutes. Started heading slugs of spray and salt water, checked flow during drier periods at 400 MCF/D, non-inflammable. Salt water estimated at 5 bbls/hr.

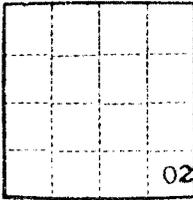
Uncorrected Pressures:

IHP	1960 psi
ICIP	1395
IFP	325
FFP	325
FSIP	1395
FHP	1960

Plugged well as follows:

Plugged well with 40 sacks of cement 4220-4350', 30 sacks 2602-2700', 30 sacks 146-248' and 10 sack plug at surface leaving 8.9# viscosity mud between cement plugs.

JUN 14 1962



(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake

Lease No. U-05487

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		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)

June 4, 1962

Well No. 2 is located 660 ft. from ^{NY}S line and 660 ft. from ^EW line of sec. 17

SE 1/4 SE 1/4 Sec. 17 15S 12 E SIM
(1/4 Sec. and 1/4 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 5600 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)

Confirming telephone approval of abandonment by Mr. Russell on June 1, 1962. Plan to plug well with 40 sacks of cement 4220-4350', 30 sacks 2602-2700'; 30 sacks 146-240' and 10 sack plug at surface with appropriate marker 8.9# 73 Viscosity mud to be left between cement plugs.

Plan to clean and grade location as soon as conditions of mud pits will allow. Copies of logs will be furnished as soon as available.

For summary of work done and tests run, see attached sheet.

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

Company EQUITY OIL COMPANY

Address 806 American Oil Building

Salt Lake City, Utah

By *C. Johnson*
Title Engineer

STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION

AFFIDAVIT AND RECORD OF ABANDONMENT AND PLUGGING

PLUGGING METHODS AND PROCEDURE: --The method 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.

Field or Pool Wildcat County Carbon
 Lease Name Fed. U05487 Well No. 2 Sec. 17 Twp. 15S R. 12E
 Date well was plugged: June 2, 19 62.

Was the well plugged according to regulation of the Commission: Yes & USGS

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).

40 sacks of cement at 4220 - 4350'
30 " " " " 2602 - 2700'
30 " " " " 146 - 240'
10 " " " " Surface

8.9 lb., 73 viscosity mud left between all plugs.

Casing in hole: 8-5/8" 24# J-55 set at 218 (Ground) & cemented to surface

Operator By: C. E. Johnson
 Engineer
 Address 806 American Oil Building
Salt Lake City, Utah

AFFIDAVIT

STATE OF UTAH
COUNTY OF Salt Lake

Before me, the undersigned authority on this day personally appeared C. E. Johnson, 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.

SUMMARY OF CASING SET AND TESTS

FARNHAM #2 (17-158-12E Carbon County, Utah)

Casing Set: Surface string consisted of following:

8-5/8", 24#, J-55 casing	215.51'
Float	1.60
Shoe	.80
Total String	<u>217.91'</u>
Ground to K.B.	<u>14.00</u>
Cemented w/120 sacks w/2% CaCl ₂	231.91'

Drill Stem Tests:

DST No. 1

Interval: 4500 - 4572'

Shut in 30 minutes for ISI pressure. Opened with good blow to weak blow in 30 minutes, very weak for 1 hour, open 1 1/2 hrs. Closed in one hour for FSI pressure. Pulled tool and recovered 90' of drilling mud with faint odor of CO₂.

Uncorrected Pressures:

IHP	2105 psi
ISIP	1035
IFP	20
FFP	20
FSIP	1135
FHP	2105

DST #2 as follows:

Interval: 4350 - 4572' (Used Sidewall Anchor Tool)

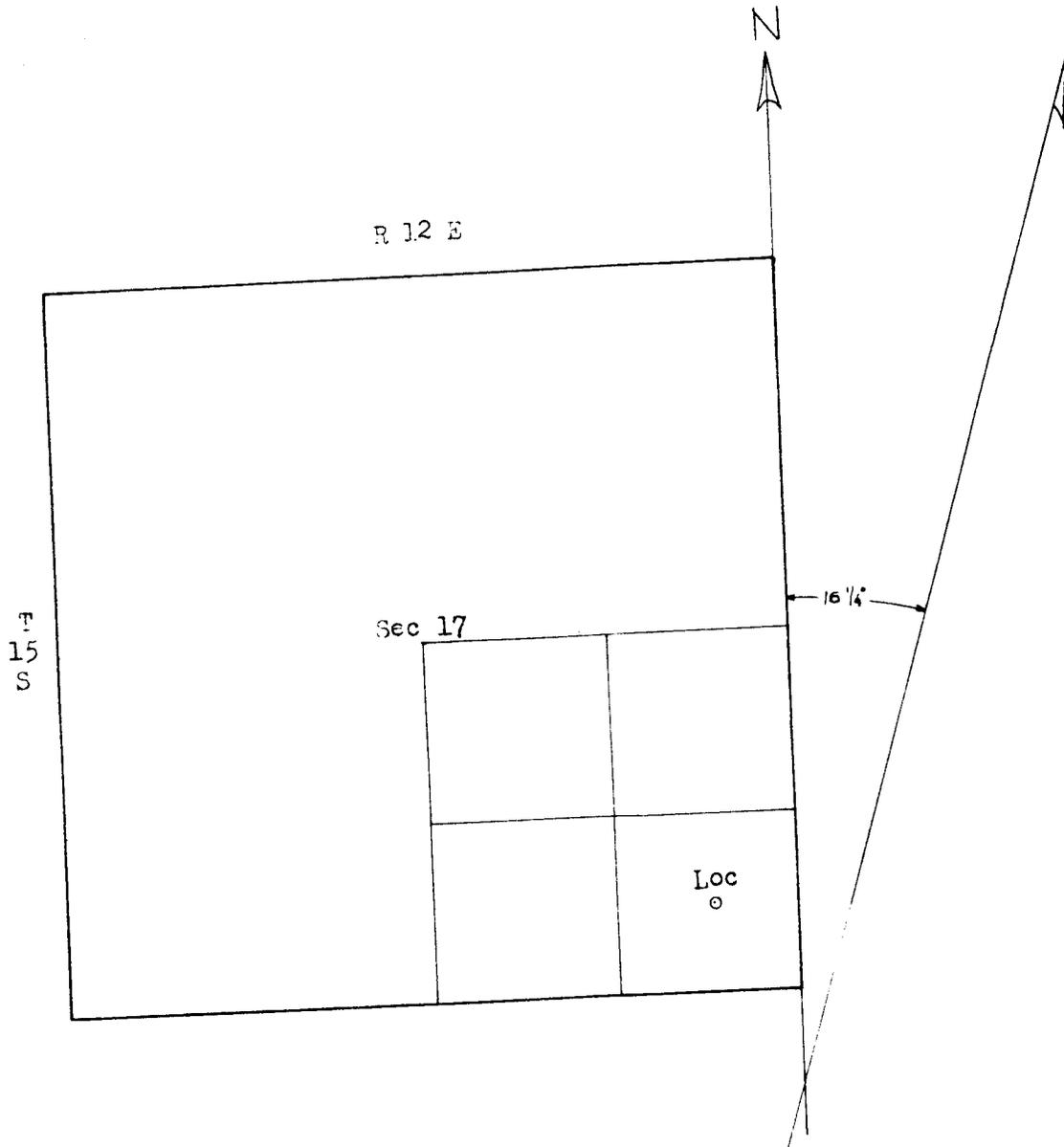
Open 5 minutes, shut in 30 minutes for ICIP, Opened to flow at 1:30 AM, 6/6/62. Gas to surface immediately, strong blow, mud to surface in 45 minutes. Started heading slugs of spray and salt water, checked flow during drier periods at 400 MCP/D, non-inflammable. Salt water estimated at 5 bbls/hr.

Uncorrected pressures:

IHP	1960 psi
ICIP	1395
IFP	325
FFP	325
FSIP	1395
FHP	1960

EQUITY OIL COMPANY

806 AMERICAN OIL BUILDING
SALT LAKE CITY 1. UTAH



Location of Equity Oil Company Well Farnham No. 2
SE 1/4, SE 1/4 Section 17 Twp 15 Sc. Rge 12 E.
660' W of E line, 660' N of S line. Grd Elev: 5583'
Carbon County, Utah

DRILLING LOCATION - FARNHAM No. 2