

FILE NOTATION

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

ate Well Completed
..... WW..... TA.....
..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
Sonic CR..... Lat..... MI-L..... Sonic.....
Log..... Others.....

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Federal - U - 485
5. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

Hiawatha Exploration Company

3. Address of Operator

2221 California Street, San Marino, California 91108

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface

400' South - 200' East Northwest Corner of

At proposed prod. zone

NE 1/4 of SW 1/4 Sec. 7

14. Distance in miles and direction from nearest town or post office*

25 miles from Nephi

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

400' South
200' East

16. No. of acres in lease

2486

17. No. of acres assigned to this well

160

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

None

19. Proposed depth

3500

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5110 Ft. Gr.

22. Approx. date work will start*

Sept. 5, 1970

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
<u>12 1/2"</u>	<u>8-5/8"</u>	<u>28</u>	<u>300'</u>	<u>Dow Special</u>
<u>7-5/8"</u>	<u>5 1/2"</u>	<u>20</u>	<u>3000' ?</u>	<u>" "</u>

Expect Top Green River - 700'
 " Show - 1000'
 " Top Jurassic - 2900'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Title President

Date Aug. 31, 1970

(This space for Federal or State office use)

Permit No.....

Approval Date

Approved by.....

Title.....

Date.....

Conditions of approval, if any:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Federal-U-485

5. Lease Designation and Serial No.

None

6. If Indian, Allottee or Tribe Name

None

7. Unit Agreement Name

None

8. Farm or Lease Name

None

9. Well No.

Doll-Chase-Mark 18

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 7-T16S-R1W

12. County or Parrish 13. State

Juab County, Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

Hiawatha Exploration Company

3. Address of Operator

2221 California Street, San Marino, Calif. 91108

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface

400' South- 200' East Northwest Corner of

At proposed prod. zone **NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Sec. 7**

14. Distance in miles and direction from nearest town or post office*

25 miles from Nephi

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. line, if any)

400' South

200' East

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2486

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160

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None

19. Proposed depth

3500

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5110' Gr.

22. Approx. date work will start*

Sept. 5, 1970

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 $\frac{1}{2}$ "	8-5/8"	28	300'	Dow Special
7-5/8"	5 $\frac{1}{2}$ "	20	3000'	" "

Expect Top ~~of~~ **Green River** - 700'
 " **Show** - 1000'
 " **Top Jurassic** - 2900'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed *George W. Atty* Title **President** Date **Aug. 31, 1970**

(This space for Federal or State office use)

Permit No. *2221-16S-R1W* Approval Date _____

Approved by *George W. Atty* Title _____ Date _____

Conditions of approval, if any:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

SUBMIT IN THIS STATE*
(Other instructions on reverse side)

Federal-U-485

5. Lease Designation and Serial No.

None

6. If Indian, Allottee or Tribe Name

None

7. Unit Agreement Name

None

8. Farm or Lease Name

None

9. Well No.

Doll-Chase-Mark 18

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 7-T 16 So. - R 1W

12. County or Parrish 13. State

Juab County, Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

Hiawatha Exploration Company

3. Address of Operator

2221 California Street, San Marino, Calif. 91108

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

400' South-200' East - Northwest Corner of

At proposed prod. zone

NE 1/4 of SW 1/4 - Sec. 7

NW NE SW

14. Distance in miles and direction from nearest town or post office*

25 Miles from Nephi

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

400' South
200' East

16. No. of acres in lease

2486

17. No. of acres assigned to this well

160

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

None

19. Proposed depth

3500

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5110 Ft. Gr.

22. Approx. date work will start*

Sept 5, 1970

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/2"	8-5/8"	28	300'	Dow-Special
7-5/8"	5 1/2"	20	3000' ?	" "

Expect Top Green River - 700'
 " Show - 1000'
 " Top Jurassic - 2900'

Unorthodox (Rule C-3)

Needs to be moved

100' South and 300' East → No

Not a normal section PAB

or if due to topog. need

better stating conditions of well site and that operator own or controls all lease in 500 radius. Also need survey plat. PAB

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Title

President

Date

Aug. 31, 1970

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

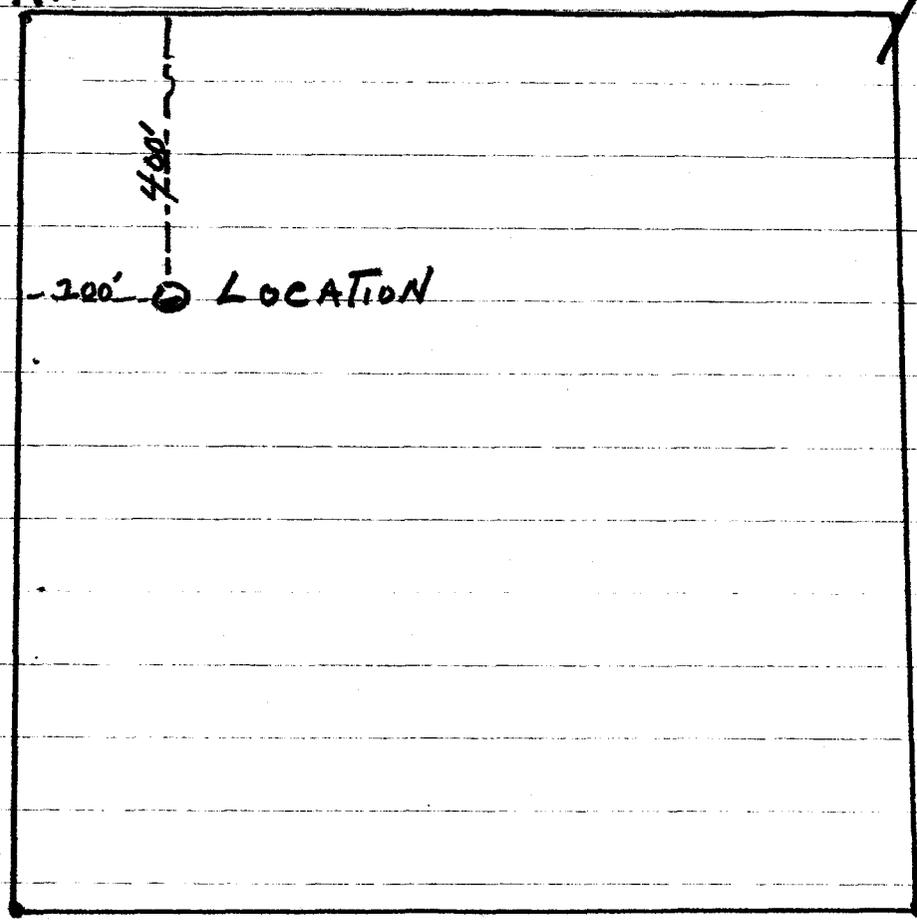
Date

Conditions of approval, if any:

JUAB CO Utah
T16s. R1-W

SEC.
7

CORNER
NW



RECEIVED
BR. OF OIL & GAS OPERATIONS
SEP 1 1970
U.S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

DEEPEN PLUG BACK

D. TYPE OF WELL

OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR

HIAWATHA EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

2221 California St., San Marino, Calif. 91108

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface
Beginning at the N.E. corner of section #7-T16 S - R1W
At proposed prod. zone Then west along the north line of said survey
for a distance of 3700 ft. then south 2800 ft. from the north line
of said survey to well location.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15 miles from Niphi SE 1/4 3700' WEL 2800' SWL

16. LOCATION FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 400' S. and 200' E.

16. NO. OF ACRES IN LEASE

2487

17. NO. OF ACRES ASSIGNED TO THIS WELL

2487

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

3500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DE, RT, GR, etc.)

5215' elevation shown on USGS map

22. APPROX. DATE WORK WILL START*

Sept. 3, 1970

23. PROPOSED CASING AND CEMENTING PROGRAM

	SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8	5/8" to 300'	8 5/8"	---	300'	Sufficient
5	1/2" to 3500'	5 1/2"	---	3500'	

Surface formation - T.V.G.

Top of Green River - 650'.

First objective 1,000' in Green River.

Top flagstaff at 1,500' - First objective - 1,800'.

Top jurassic - 2,800' - First objective - 3,000' to 3,500'.

*(Lith. logs attached
cont. 4 pgs)*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. HIAWATHA EXPLORATION COMPANY

SIGNED George C. Altia TITLE President DATE 8/28/70

(This space for Federal or State office use)

PERMIT NO. 43-023-30001 APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
Wm. M. Doll - ~~2221 California St.~~ U-4

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
William M. Doll

9. WELL NO. Doll-Ch
Mark 18

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 7, T16S, R1W

12. COUNTY OR PARISH 13. STATE
Juab Utah



HIAWATHA EXPLORATION COMPANY
2221 E. California Boulevard
San Marino, California 91108
September 4, 1970

Mr. Cleon Stigh
Chief Engineer
Utah State Division of Oil and Gas
1568 North Temple Street,
Salt Lake City, Utah

Re: Site - Location of Doll-Chase, Mark-18
Located 400' South and 200' East of
NW Corner of NE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 7, T-16
S, R-1W, Juab County, Utah

Dear Sir:

We respectfully request that you allow an exception in our behalf to drill a well on the above described location for the following reasons.

FIRST: The topographical conditions and the physical condition of the land involved makes for a better drill site. It gives a natural sump near our location which will save us considerable money. We are close and have access to an old ranch road, which will be more advantageous to all concerned.

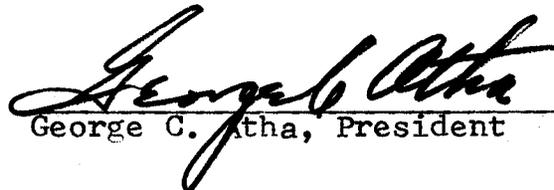
SECOND: We do have all of the oil and gas leases on all of the acreage within a 660' radius of our location and your approval on our behalf would be very much appreciated. We are of the opinion that we can contribute some important geological information to your office and the mineral wealth of the great state of Utah.

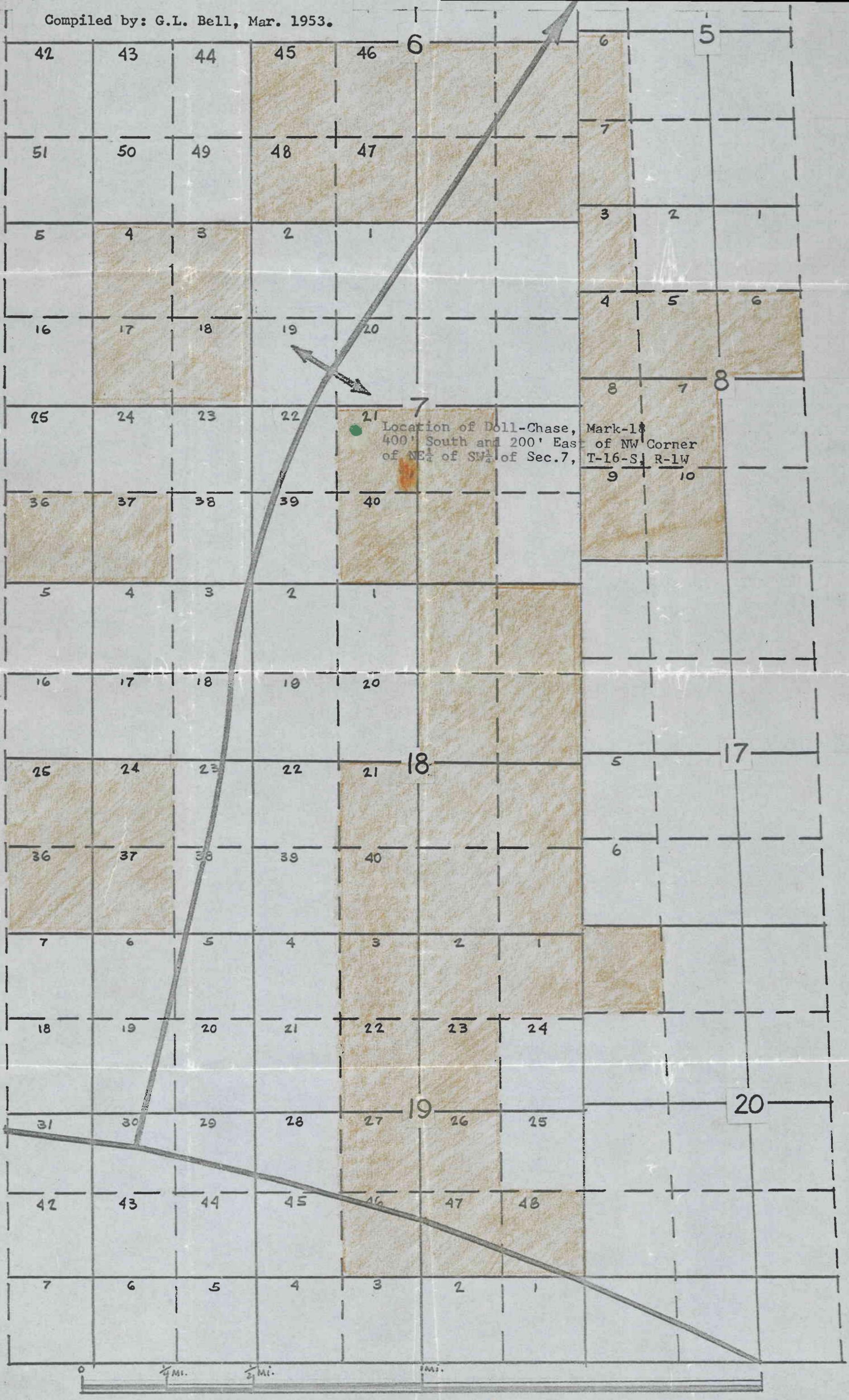
Enclosed find map showing our location in relation to Government acreage and fee acreage which we own adjacent to our drill block.

Our Engineer, Mr. Lowell Rasmussen, currently living at the El Tonya Motel in Nephi, Utah, will prepare a more detailed map if you so desire. Your early response to our request will be appreciated.

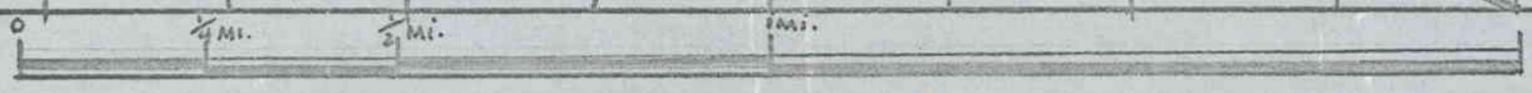
Thanking you very kindly, we remain

Hiawatha Exploration Company


George C. Atha, President



Location of Doll-Chase, Mark-18
 400' South and 200' East of NW Corner
 of NE 1/4 of SW 1/4 of Sec. 7, T-16-S, R-1W



September 8, 1970

Hiawatha Exploration Company
2221 California Street
San Marino, California 91108

Re: Well No. Doll-Chase-Mark 18
Sec. 7, T. 16 S, R. 1 W,
Juab County, Utah
API No. 43-023-30001

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well on said unorthodox location is hereby granted in accordance with Rule C-3.(c). However, this approval is conditional upon this office receiving the following:

- (1) A well survey plat, prepared by a licensed surveyor or engineer.
- (2) Designation of Agent, (forms enclosed)

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL-Chief Petroleum Engineer
HOME: 277-2890 - Salt Lake City
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with regard to completing these forms will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
Enclosures

FILE IN DUPLICATE

DIVISION OF OIL & GAS CONSERVATION
OF THE STATE OF UTAH

DESIGNATION OF AGENT

The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations, and Rules of Practice and Procedure of the Division of Oil and Gas Conservation of the State of Utah, hereby appoint, REX-P-CHASE, whose address is 193-E-500 NEPA, UTAH (his, her or its) designated agent to accept and to be served with notices from said Board, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation agent is filed in accordance with said statute and said regulations.

Effective Date of Designation SEPT-8-70

Company HIAWATHA EXPL. CO. Address 2221 CALIFORNIA ST
SAN MARINO CALIFORNIA
By George C. Otter Title PRESIDENT 91108
(Signature)

NOTE: Agent must be a resident of Utah.

Paul Burchell.
D.V. 012 41 900

Nephi Utah
TOYNA MOTEL
SEPT-11-70

Dear Paul:
Thanks for your help
on my behalf. We will give you
a complete report on our well.
D.D. Chase Mark-18-. Also call
you if we about down well.

We are having a plot map
prepared for you - and will
send it along soon -

We are 2447' this AM. at
yet nothing to report: hard
sand and some shale -

My Best regards
George Altha

0130
Well Number

~~Red Crowley - Stratos~~

Lowell Gassmanum - 9/16/70
Haworth Explor Co.
So. of Nishi - Just

T. P. \approx 3500 (well log)
Daly @ 3400

Lurien C. info.
ret 200' of 8 5/8" - cement to surface.
Drilled mud.

no strong water lost circulation

- ↳ only general Program given
- ① ~~Drill~~ run 100' and plug over all geologic top
- ② down on whole all of press
- ③ base of surface Pipe / surface water.

(Well call H. S. G. S. for more specific info.)
(after logging is complete)

50

PS
GMB

September 21, 1970

MEMO FOR FILING

Re: September 17, 1970

Hiawatha Exploration Co.
Doll-Chase-Mark 18
Sec. 7, T. 16 S, R. 1 W,
Juab County, Utah

On September 17 and 18, 1970, the above mentioned well was visited.

At the time of the visit, the operator was just completing a drill stem test and was waiting for a Dowell engineer to arrive for the purpose of spotting plugs within the well. The drill stem test recovered water only.

The following day, September 18, 1970, the well was plugged as follows:

50' plug from 3280' to 3220'

100' plug at 3200'

50' plug at 1000'

35' plug at the bottom of the shoe of the 5/8" casing, which was set at 261'

Mr. Lavern Powers, toolpusher for Barker Well Servicing Company, stated that the final plug would be set at the top of the well upon removal of the rig.

Cleon B. Feight
CLEON B. FEIGHT
DIRECTOR

CBF:cr

cc: U. S. Geological Survey

1WR 10-23-70

RECEIVED
SEP 21 1970

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved. Budget Bureau No. 42-2355.6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL SURVEY
SALT LAKE CITY, UTAH
TYPE OF COMPLETION
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other

5. LEASE DESIGNATION AND SERIAL NO.
U-485 524-5650

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
No

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
William M. Doll

9. WELL NO. Serial-524-#18 5650

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA
NESW Sec. 7
T16S R1W

2. NAME OF OPERATOR
Hiawatha Expl. Co.

3. ADDRESS OF OPERATOR
2221 Calif. St., San Marino, Calif.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface Beginning at the N.E. cor. of Sec. 7, T16S, R1W then west along north line of survey for a dist. of 3700' then south for a distance 2800' to the well
At total depth Location.

14. PERMIT NO. U-485 DATE ISSUED 9/1/70

12. COUNTY OR PARISH Joub 13. STATE Utah

15. DATE SPUNDED 9/3/70 16. DATE T.D. REACHED 9/18/70 17. DATE COMPL. (Ready to prod.) No 18. ELEVATIONS (DF, REB, RT, OR, ETC.)* 5210' GL 19. ELEV. CASINGHEAD 5210'

20. TOTAL DEPTH, MD & TVD 3417' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS X 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* No 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Electric and Sonic Enclosed 2 Copies Rec'd 9-21-70 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
85/8	26#	261'	12"	To Surface	

29. LINER RECORD No 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PREPARATION RECORD (Interval, size and number) no 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION No
DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED [Signature] TITLE Chief Geologist DATE 9/18/70

*(See Instructions and Spaces for Additional Data on Reverse Side)

210111210121

MEMO

from
George C. Atha

Oct-12-70

Paul

State of Utah. Div. Oil & Gas
Mr Paul W Burchett -

Enclose find plat Map
on our location. D-1-
Chase # Mark - 18 -

we think we have found
some interesting geology
and may drill a new
well soon - we will
come in and talk to
you before we start.

I want to thank
you for your cooperation
on our behalf -

Yours Truly -
George C. Atha

HIAWATHA EXPL. CO.
2221 CALIFORNIA ST.
SAN MARINO, CALIF. 91108
213-681-9458

3700 FEET
WEST

N.E. COR., SEC. 7,
T.16S., R.17W.,
S.L.B. & M.

LOCATION

BEGINNING AT THE NE
COR SEC. 7, T16S, R17W,
SLB&M, THENCE
WEST 3700' THENCE
SOUTH 2800' TO WELL

1580 FWL
2480 FSL

2800 FEET
SOUTH

WELL
LOCATION

200'
400'

PROPERTY OR LEASE LINES

SCALE 1"=400'

SEC. 7, T16S, R17W, SLB&M.

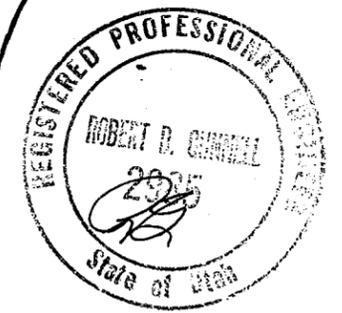


TO NEPHI
6 MILES

LEVAN

CHICKEN CREEK
RESERVOIR

WELL O
SEC. 7



SEVIER BRIDGE
RESERVOIR

SCALE 1"=10640'

SCALE	1"=400'
DESIGNED	CHECKED
DRAWN J.W.D.	DATE 9-24-70
APPROVED	LICENSE NO.

ROLLINS, BROWN & GUNNELL, Inc.
CONSULTING ENGINEERS

OIL WELL LOCATION
NEAR NEPHI, UTAH FOR HIAWATHA EXPLORATION Co.

SHEET
1

50

November 5, 1970

MEMO FOR FILING

Re: Hiawatha Exploration Company
Doll-Chase-Mark #18
Sec. 7, T. 16 S, R. 1 W,
Juab County, Utah

On November 5, 1970, the above mentioned well was visited.

The location has been cleaned and an identification marker installed, however, the marker does not indicate the number or location of the well, and the area could stand a little more leveling.

Therefore, it is recommended that the marker be corrected and the location leveled before the bond is released.

CLEON B. FEIGHT
DIRECTOR

CBF:sd

cc: U.S. Geological Survey
Gerald Daniels, Dist. Engineer

December 16, 1970

MEMO FOR FILING

Re: Hiawatha Exploration Company
Doll-Chase-Mark #18
Sec. 7, T. 16 S, R. 1 W,
Juab County, Utah

On November 16, 1970, the above named well site was visited.

The location was re-visited and found to be satisfactorily cleaned and leveled. Although the marker has been erected, it still does not contain the well identification.

Also, it should be noted that some seismic rigs were observed operating in the vicinity of Levan.

CLEON B. FEIGHT
DIRECTOR

CBF:sd

cc: U.S. Geological Survey

January 14, 1971

Hiawatha Exploration Company
2221 California Street
San Marino, California 91108

Re: Well No. Doll-Chase-Mark 18
Sec. 7, T. 16 S, R. 1 W,
Juab County, Utah

Dear Sir:

Upon checking our files, it is noted that you have not as yet filed the "Well Completion or Recompletion Report and Log", Form OGC-3, for the above referred to well.

In as much as we are in the process of compiling data for our 1970 Well Completion Report, it would be appreciated if you would complete and forward the enclosed forms at your earliest convenience. This information will enable us to expedite the processing of our report and keep it accurate and complete.

Thank you for your cooperation and prompt attention to the above.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE
SUPERVISING STENOGRAPHER

:sd
enclosures

MEMO

from
George C. Atha

Feb 27-71

Dog. State of Utah

Mr The Rose;

Incluse find ^{2nd} log
on our just County well
my geologist Lowell
Rasmussen said he had
sent you all the information
on our well. He lives in
Cooper wyo. I will
contact him and have
him send a duplicate
01400+3-

Yours Truly,

George C. Atha

HIAWATHA EXPL. CO.
2221 CALIFORNIA ST.
SAN MARINO, CALIF. 91108
213-681-9458

February 23, 1971

Hiawatha Exploration Company
2221 California Street
San Marino, California 91108

Re: Doll-Chase-Mark 18
Sec. 7, T. 16 S, R. 1 W,
Juab County, Utah

Dear Sir:

In reference to our letter of January 14, 1971, please be advised that as of this date we have still not received the "Well Completion or Recompletion Report and Log", Form OGC-3 as well as electric logs, for the above referred to well.

Under our Rules and Regulations, Rule C-5, the well log and electric and/or radioactivity logs for each well shall be filed within 90 days after suspension of all operations. Therefore, would you please promptly file said data.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE
SUPERVISING STENOGRAPHER

:sd

*Received
E. Rog*

PE *[Handwritten initials]*

4/2/71
Casper, Wyo.

State of Utah
Oil and Gas Conservation Board
1588 West North Temple
Salt Lake City, Utah

Attn. Schree DeRose, Chief Stenographer

Dear Madam,

Re. Doll-Chase-Mark 18
Juab County

We are filling out another set of forms called Form OGCC-3. Also we will send you a third copy of the Electric logs if you need them. The last set was sent directly from San Marino by Mr. Atha. Approx. two months ago I was in Salt Lake City to the U.S.G.S. to answer a request from them for an addition electric log and we called your office and recieved the word that all was in order and that you all were completely happy with the information furnished, but I guess we talked to the wrong party.

Anyway if we can furnish anything else please advise me here in Casper and we will comply. We have the sepia and we can print more copies of the logs if you need them, so kindly let me know.

Yours Truly,



Lowell A. Rasmussen - Consulting Geologist

11/80

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Mark #18 524-5650

5. LEASE DESIGNATION AND SERIAL NO.

Mark #18 Serial #524-5650

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
No

7. UNIT AGREEMENT NAME

Chase Doal Mark #18

8. FARM OR LEASE NAME
Federal Lease

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
400'S&200'E of NW Cor. of NE SW of Sec. 7, T16S, R1W

12. COUNTY OR PARISH
Juab

13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Hiawatha Exploration Co.

3. ADDRESS OF OPERATOR
2221 California St.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 400' south and 200' east of NW Cor. of NE of the SW Section 7, Twp. 16S, Rge. 1W
At top prod. interval reported below none
At total depth Same

14. PERMIT NO. U-485 DATE ISSUED

15. DATE SPUDDED 9/2/70 16. DATE T.D. REACHED 3419' 17. DATE COMPL. (Ready to prod.) 9/16/70 18. ELEVATIONS (DF, RB, RT, GR, ETC.)* GL 5210' 19. ELEV. CASINGHEAD 5210'

20. TOTAL DEPTH, MD & TVD NO 21. PLUG, BACK T.D., MD & TVD NO 22. IF MULTIPLE COMPL., HOW MANY* No 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS no

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* none 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN Sonic and Gamma 27. WAS WELL CORED no

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
Surface	17#	261' NEW	9'	To surface	no

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
			None				

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
None		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
			None

33.* PRODUCTION
DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) None WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED David Rasmussen TITLE Geologist DATE 4/2/71

*(See Instructions and Spaces for Additional Data on Reverse Side)

FORM OGC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Doll, Chase Mark #18 Federal
Operator Hiawatha Expl. Co. Address 2120 Calif. St. San Marino, Calif. Phone (213) 681-9458
Contractor Barker Drilling Co. Address Vernal, Utah Phone _____
Location Ne 1/4 SW 1/4 Sec. 7 T. 16 NR. 1 EX Juab County, Utah
S W

Water Sands:

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	3288	3373 (DST#1)	None	Fresh (Sample Analysis to Follow)
2.				
3.				
4.				
5.				

(Continue on reverse side if necessary)

Formation Tops:

Jurassic 3180' ?

Remarks:

- NOTE:
- (a) Upon diminishing supply forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of form).
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.