

# FILE NOTATIONS

Entered in NID File ..... ✓  
Location Map Pinned ..... ✓  
Card Indexed ..... ✓

Checked by Chief *P.W.B.*  
Approval Letter *8-6-74*  
Disapproval Letter .....

## COMPLETION DATA:

Date Well Completed *12-14-75* *(RA)* Location Inspected .....  
Bond released  
OW..... WW..... TA..... State or Fee Land .....  
GW..... OS..... PA.....

## LOGS FILED

Miller's Log.....  
Electric Logs (No.) *5*.....  
..... I... *X*... Dual I Lat... *X*... GR-N... *X*... Micro.....  
JC Sonic GR..... Lat..... MI-L..... Sonic.....  
CLog... *X*... CCLog..... Others... *Densilog*... *X*.....

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

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

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name  
Cow Hollow Unit

2. Name of Operator  
American Quasar Petroleum Co. of New Mexico

8. Farm or Lease Name  
Cow Hollow Unit

3. Address of Operator  
332 Pacific Western Life Bldg., Casper, Wyoming 82601

9. Well No.  
1

4. Location of Well (Report location clearly and in accordance with any State requirements.)  
At surface 660' FNL & 660' FWL Sec. 17-2N-11E, → Revised 8/6/74 - Bud Hurley  
Summit County, Utah  
At proposed prod. zone Same 893' FNL - 962' FWL

10. Field and Pool, or Wildcat  
Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area  
17-2N-11E

14. Distance in miles and direction from nearest town or post office\*  
35 miles south of Evanston, Wyoming

12. County or Parrish 13. State  
Summit Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 660'  
16. No. of acres in lease 640.00

17. No. of acres assigned to this well 640.00

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft. None  
19. Proposed depth 17,500'

20. Rotary or cable tools  
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)  
GR 9360 from USGS topo. map

22. Approx. date work will start\*  
7/25/74

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
24"	20"	94	700'	1000 sx
12 1/4"	9-5/8"	40-53.5	9,000'	600 sx
8 1/2"	7" liner	29	17,500'	600 sx

We propose to drill a well at the above location to test zones down through the Dakota formation to a total depth of 17,500'. Drilling and casing program to be performed as described above.

Blowout preventers will be operated daily to insure their proper function during the drilling of this well -- pressure tests with chart recording to be performed monthly and prior to drilling out under any casing string.

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 *A. H. Hurley, Jr.* Title Div. Operations Mgr. Date 7/8/74  
(This space for Federal or State office use)

Permit No. B-04330010 Approval Date

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

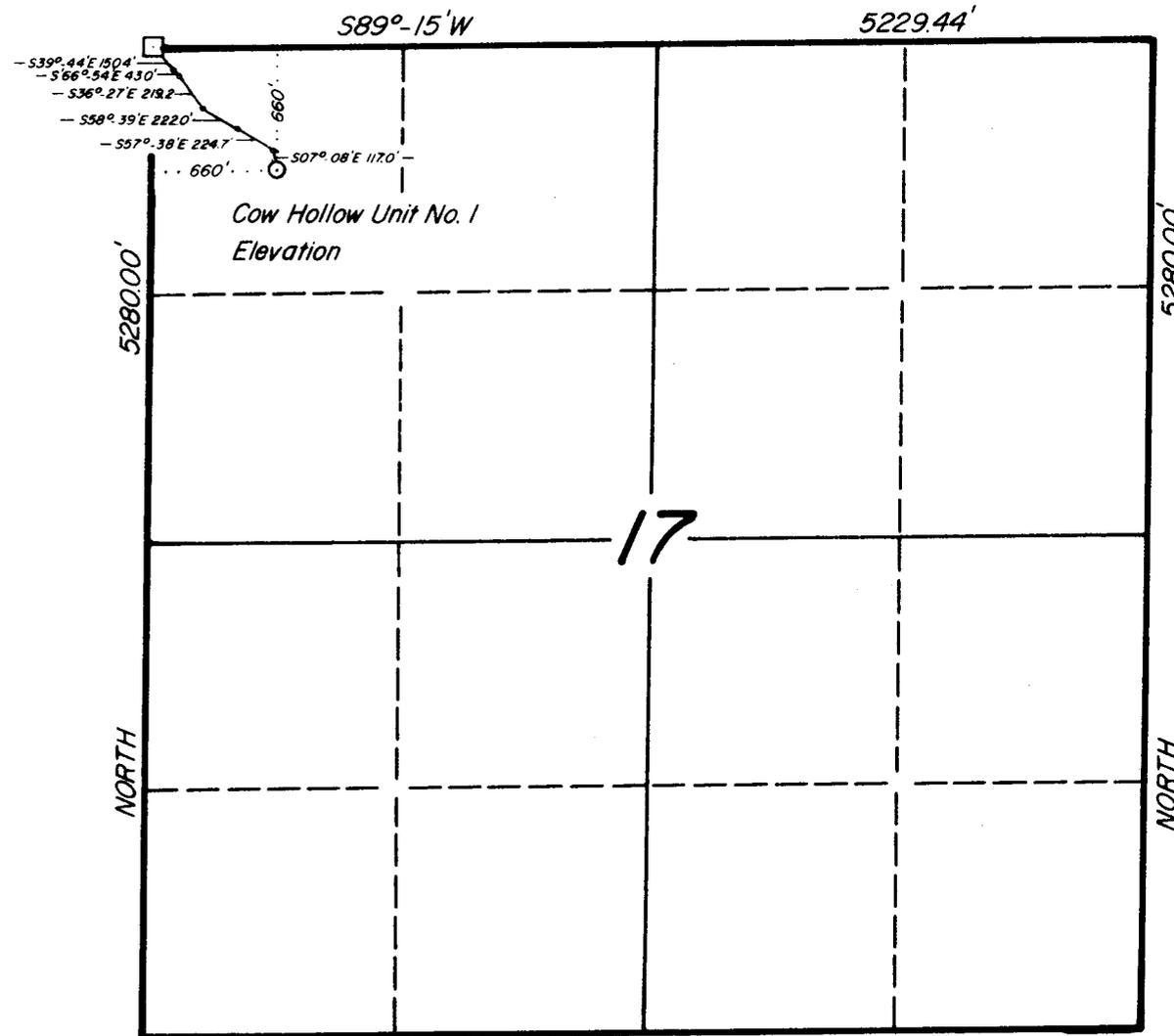
CERTIFICATE OF SURVEYOR

State of Wyoming )  
 County of Sublette ) ss...

I, Paul N. Scherbel of Big Piney, Wyoming hereby certify that this map was made from notes taken during an actual survey made by me on 9 and 10 June 1974 and that it correctly represents the location described thereon with the section dimensions of record on the official original survey plat of T2N, R11E, SLB&M.

*Paul N. Scherbel*

Land Surveyor — Registration No. 1670.



□ indicates corner recovered.

AMERICAN QUASAR PETROLEUM  
 COMPANY  
 COW HOLLOW UNIT NO. 1  
 NW1/4NW1/4 SECTION 17 T2N R11E  
 SUMMIT COUNTY, UTAH

SCALE 1" = 1000'

**STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**  
 Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Summit Field or Lease Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for

July, 1974.

Agent's address 332 Pacific Western Life Building Casper, Wyoming 82601 Company American Quasar Pet. Co. of N.M.  
 Signed A. H. Hurley, Jr.

Phone 307-237-9501 Agent's title Division Operations Manager

State Lease No. \_\_\_\_\_ Unit No. 14-08-0001-14181 Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)		
NW NW Sec. 17	2N	11E	Cow Hollow Unit No. 1					<table border="1"> <tr> <td>No. of Days Produced</td> <td>Moved in spudder on July 31, 1974 and drilled 36" hole to 25' - Incomplete.</td> </tr> </table>	No. of Days Produced	Moved in spudder on July 31, 1974 and drilled 36" hole to 25' - Incomplete.
No. of Days Produced	Moved in spudder on July 31, 1974 and drilled 36" hole to 25' - Incomplete.									

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.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
 SI-Shut In D-Dead  
 GI-Gas Injection TA-Temp. Aban.  
 WI-Water Injection

August 6, 1974

American Quasar Petroleum Co. of New Mexico  
332 Pacific Western Life Bldg.  
Casper, Wyoming 82601

Re: Well No. Cow Hollow Unit #1  
Sec. 17, T. 2 N, R. 11 E,  
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

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  
OFFICE: 328-5771

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

The API number assigned to this well is 43-043-30010.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sw

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Summit Field or Lease Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for

August, 1974

Agent's address 332 Pacific Western Life Building Company American Quasar Pet. Co. of N.M.  
Casper, Wyoming 82601 Signed *A. H. Hurley, Jr.*

Phone 307-237-9501 Agent's title Division Operations Manager  
Unit No. 14-08-0001-14181

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)		
NW NW Sec. 17	2N	11E	Cow Hollow Unit No. 1					<table style="width: 100%; border: none;"> <tr> <td style="width: 15%; border: none;">No. of Days Produced</td> <td style="border: none;">                     Drilled 36" hole to 43'. Set and cemented 30" conductor at 43'.                       Spudded 12-1/4" hole at 1:30 a.m. 8-18-74. Drilled to 668'. Reamed to 26". Ran 17 jts. 20" 94# H-40 ST&amp;C used casing and cemented at 563' KB with 950 sax. Good returns.                       Now shut down for rig repairs.                 </td> </tr> </table>	No. of Days Produced	Drilled 36" hole to 43'. Set and cemented 30" conductor at 43'.  Spudded 12-1/4" hole at 1:30 a.m. 8-18-74. Drilled to 668'. Reamed to 26". Ran 17 jts. 20" 94# H-40 ST&C used casing and cemented at 563' KB with 950 sax. Good returns.  Now shut down for rig repairs.
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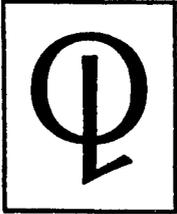
Note: There were No runs or sales of oil; No M cu. ft. of gas sold; No runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
SI-Shut In D-Dead  
GI-Gas Injection TA-Temp. Aban.  
WI-Water Injection

PI  
*[Handwritten initials]*



# AMERICAN QUASAR PETROLEUM CO.

332 PACIFIC WESTERN LIFE BUILDING / CASPER / WYOMING 82601 U.S.A. / TELEPHONE (307) 237-9501

TORONTO STOCK EXCHANGE SYMBOL AQPT

NASDAQ SYMBOL AQAS

September 12, 1974

Division of Oil & Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Attention: Paul W. Burchell, Chief Petr. Engr.

Re: Cow Hollow Unit #1  
SE NW NW Sec. 17-2N-11E  
Summit County, Utah

Gentlemen:

Attached is a revised survey plat, showing the corrected location of our captioned well. As you know, this location was moved from that previously submitted because of terrain conditions.

Very truly yours,

American Quasar Petroleum Co.

By:

*[Handwritten signature of A. H. Hurley, Jr.]*

A. H. Hurley, Jr.  
Division Operations Manager

AHH:bh  
Enc.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Summit Field or Lease Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for

September, 1974.

Agent's address 332 Pacific Western Life Building Company American Quasar Pet. Co. of N.M.  
Casper, Wyoming 82601 Signed *A. H. Hurley, Jr.*

Phone 307-237-9501 Agent's title Division Operations Manager

State Lease No. \_\_\_\_\_ Unit No: 14-08-0001-14181  
Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS	
								No. of Days Produced	(If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW NW Sec. 17	2N	11E	Cow Hollow Unit No. 1						Drilled from 668' to 3,520'. Ran Schlumberger DIL-Laterolog and BHP Sonic-GR logs from 3,422' - 530'. Drilled 12-1/4" hole to 3,693' and reamed to 17-1/2" to 3,444'. Set 92 jts. 13-3/8" 61#, 54.5# and 48# casing at 3,444' with 2,310 sax cement. Job complete at 1:15 pm 9-29-74. Now nippling up BOP and choke manifold.

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.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
SI-Shut In D-Dead  
GI-Gas Injection TA-Temp. Aban.  
WI-Water Injection

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Summit Field or Lease Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for October, 1974

Agent's address 332 Pacific Western Life Building Casper, Wyoming 82601 Company American Quasar Pet. Co. of N.M.

Signed *A. H. Hurley, Jr.*  
A. H. Hurley, Jr.  
Agent's title Division Operations Manager

Phone 307-237-9501

State Lease No. \_\_\_\_\_ Unit No: 14-08-0001-14181 Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
NW NW Sec. 17	2N	11E	Cow Hollow Unit No. 1						Drilled 3,693' to 7,517' - Incomplete.

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.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
SI-Shut In D-Dead  
GI-Gas Injection TA-Temp. Aban.  
WI-Water Injection

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

1588 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 328-5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. 14-08-0001-14181  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
November, 19 74

Agent's Address 332 Pacific Western Life Bldg. Casper, Wyoming 82601 Company American Quasar Petroleum Co  
 Signed A. H. Hurley, Jr. Title Division Operations Manager  
 Phone No. 307-237-9501

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)
Sec. 17 NW NW	2N	11E	Cow Hollow Unit No. 1							Drilled 7,517' - 9,557' - Incomplete.

**GAS: (MCF)**

Sold None  
 Flared/Vented None  
 Used On/Off Lease None

**OIL or CONDENSATE: (To be reported in Barrels)**

On hand at beginning of month None  
 Produced during month None  
 Sold during month None  
 Unavoidably lost \_\_\_\_\_  
 Reason: \_\_\_\_\_  
 On hand at end of month None

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

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

1568 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 328 5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. 14-08-0001-14181  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

2

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
December, 1974

Agent's Address 332 Pacific Western Life Bldg. Company American Quasar Petroleum Company  
Casper, Wyoming 82601 Signed [Signature]  
 Phone No. 307-237-9501 Title Division Operations Manager

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)
SEC. 17 NW NW Cow Hollow Unit	2N	11E	1							Drilled 12-1/4" hole from 9,557' - 10,378' and 8-1/1" hole to 10,606'. Log TD 10,589'. Ran Schlumberger Sonic-GR-Caliper logs from 10,586' - 3,400' and DIL from 10,583' - 3,420' and Dip-meter 10,580' - 3,400'.  Now prep to run 9-5/8" casing.

**GAS: (MCF)**

Sold None  
 Flared/Vented None  
 Used On/Off Lease None

**OIL or CONDENSATE: (To be reported in Barrels)**

On hand at beginning of month None  
 Produced during month None  
 Sold during month None  
 Unavoidably lost None  
 Reason: \_\_\_\_\_  
 On hand at end of month None

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

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

1588 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 328-5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. 14-08-0001-14181  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
January, 1975

Agent's Address 330 Pacific Western Life Bldg. Company American Olesar Petroleum Company  
Casper, Wyoming 82601 Signed \_\_\_\_\_  
 Phone No. 307-237-9501 Title Division Operations Manager

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)
SEC. 17 NW NW Cow Hollow Unit	2N	11E	1							Set 240 jts. 9-5/8" 43.5# S-95 & P-110 and 40# S-95 & N-80 casing at 10,382'. Cemented with 375 sax Howco-lite with 0.75% CFR <sub>2</sub> , 18% salt and 2% HR <sub>4</sub> , followed by 250 sax Class G with 30% silica flour, 1.5% CFR <sub>2</sub> , 0.4% HR <sub>4</sub> . Plug down at 8:55 a.m. 1-2-75.  Drilled 10,606' - 11,666' - Incomplete.

**GAS: (MCF)**

Sold \_\_\_\_\_ -0-  
 Flared/Vented \_\_\_\_\_ -0-  
 Used On/Off Lease \_\_\_\_\_ -0-

**OIL or CONDENSATE: (To be reported in Barrels)**

On hand at beginning of month \_\_\_\_\_ -0-  
 Produced during month \_\_\_\_\_ -0-  
 Sold during month \_\_\_\_\_ -0-  
 Unavoidably lost \_\_\_\_\_ -0-  
 Reason: \_\_\_\_\_  
 On hand at end of month \_\_\_\_\_ -0-

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**STATE OF UTAH**  
 DEPARTMENT OF NATURAL RESOURCES  
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 SALT LAKE CITY, UTAH 84116  
 328-5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. 14-08-0001-14181  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
February, 19 75

Agent's Address 330 Pacific Western Life Bldg. Company American Quasar Petroleum Company  
Casper, Wyoming 82601 Signed [Signature]  
307-237-9501 Title A. H. Hurley, Jr.  
 Phone No. \_\_\_\_\_

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)
SEC. 17 NW NW Cow Hollow Unit	2N	11E	1							Drilled 11,666' - 12,769' - Incomplete.

**GAS: (MCF)**

Sold \_\_\_\_\_ -0-  
 Flared/Vented \_\_\_\_\_ -0-  
 Used On/Off Lease \_\_\_\_\_ -0-

**OIL or CONDENSATE: (To be reported in Barrels)**

On hand at beginning of month \_\_\_\_\_ -0-  
 Produced during month \_\_\_\_\_ -0-  
 Sold during month \_\_\_\_\_ -0-  
 Unavoidably lost \_\_\_\_\_ -0-  
 Reason: \_\_\_\_\_  
 On hand at end of month \_\_\_\_\_ -0-

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

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

1588 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 328-5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. 14-08-0001-14181  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
March, 1975.

Agent's Address 330 Pacific Western Life Bldg. Company American Quasar Petroleum Company  
Casper, Wyoming 82601 Signed \_\_\_\_\_  
 Phone No. 307-237-9501 Title Division Operations Manager

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)
SEC. 17 NW NW Cow Hollow Unit	2N	11E	1							Drilled 12,769' - 14,068' - Incomplete.

**GAS: (MCF)**

Sold \_\_\_\_\_ -0-  
 Flared/Vented \_\_\_\_\_ -0-  
 Used On/Off Lease \_\_\_\_\_ -0-

**OIL or CONDENSATE: (To be reported in Barrels)**

On hand at beginning of month \_\_\_\_\_ -0-  
 Produced during month \_\_\_\_\_ -0-  
 Sold during month \_\_\_\_\_ -0-  
 Unavoidably lost \_\_\_\_\_  
 Reason: \_\_\_\_\_  
 On hand at end of month \_\_\_\_\_ -0-

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

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

1588 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 328-5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. 14-08-0001-14181  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
April, 1975.

Agent's Address 330 Pacific Western Life Building Company American Quasar Petroleum Company  
Casper, Wyoming 82601  
 Signed [Signature]  
 Title Division Operations Manager  
 Phone No. 265-3362

Sec. and % of %	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)
SEC. 17 NW NW Cow Hollow Unit	2N	11E	1							Drilled 14,068 - 15,994' Incomplete.

**GAS: (MCF)**

Sold \_\_\_\_\_ None  
 Flared/Vented \_\_\_\_\_ None  
 Used On/Off Lease \_\_\_\_\_ None

**OIL or CONDENSATE: (To be reported in Barrels)**

On hand at beginning of month \_\_\_\_\_ None  
 Produced during month \_\_\_\_\_ None  
 Sold during month \_\_\_\_\_ None  
 Unavoidably lost \_\_\_\_\_ None  
 Reason: \_\_\_\_\_  
 On hand at end of month \_\_\_\_\_ None

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE**

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

1588 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 328 5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. 14-08-0001-14181  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of: May, 1975.

Agent's Address 330 Pacific Western Life Bldg. Company American Quaker Petroleum Company  
Casper, Wyoming 82601 Signed *A. H. Hurley, Jr.*  
 Phone No. 265-3362 Title Division Operations Manager

and 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)
17 NW	2N	11E	1							Drilled 15,994' - 17,636'  Incomplete.
Hollow Unit										

**GAS: (MCF)**  
 Sold \_\_\_\_\_ None  
 Flared/Vented \_\_\_\_\_ None  
 Used On/Off Lease \_\_\_\_\_ None

**OIL or CONDENSATE: (To be reported in Barrels)**  
 On hand at beginning of month \_\_\_\_\_ None  
 Produced during month \_\_\_\_\_ None  
 Sold during month \_\_\_\_\_ None  
 Unavoidably lost \_\_\_\_\_ None  
 Reason: \_\_\_\_\_  
 On hand at end of month \_\_\_\_\_ None

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

PI  
70.

**SUNDRY NOTICES AND REPORTS ON WELLS**

(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.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <b>Drilling Well</b>		5. LEASE DESIGNATION AND SERIAL NO. 14-08-0001-14181
2. NAME OF OPERATOR American Quasar Petroleum Co. of New Mexico		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 330 Pacific Western Life Bldg., Casper, Wyoming 82601		7. UNIT AGREEMENT NAME Cow Hollow Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 893' FNL & <del>1,006'</del> FWL (NW NW) 962'		8. FARM OR LEASE NAME Cow Hollow Unit
14. PERMIT NO.		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 9,388' GL; 9,413' KB		10. FIELD AND POOL, OR WILDCAT Wildcat
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 17-2N-11E
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.)*		12. COUNTY OR PARISH Summit
		18. STATE Utah

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

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

The original Application for Permit to Drill the Cow Hollow Unit No. 1 well showed the proposed total depth as 17,500'.

We are presently circulating and conditioning hole at 17,690' in the Frontier formation, after running Schlumberger GR-Sonic-Caliper log.

Due to excessive formation thicknesses we now propose to drill the well to 18,500' to test the Dakota formation.

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE

6-20-75

BY

*C. B. [Signature]*

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

SIGNED

A. H. Hurley, Jr.

TITLE

Division Operations Mgr.

DATE

6-10-75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**STATE OF UTAH**  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL & GAS CONSERVATION  
 1588 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 328-5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. 14-08-0001-14181  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
June, 19 75

Agent's Address 330 Pacific Western Life Bldg. Company American Oquasan Petroleum Co. of N.M.  
Casper, Wyoming 82601 Signed A. H. Hurley Jr.  
 Phone No. 265-3362 Title Division Operations Manager

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)
SEC. 17 NW NW Cow Hollow Unit	2N	11E	1							Drilled 17,636' - 17,690'. Ran Schlumberger GR-Sonic-Caliper log 17,570' - 10,380'.  Drilled to 18,104' - Inc.

**GAS: (MCF)**

Sold None  
 Flared/Vented None  
 Used On/Off Lease None

**OIL or CONDENSATE: (To be reported in Barrels)**

On hand at beginning of month None  
 Produced during month None  
 Sold during month None  
 Unavoidably lost None  
 Reason: \_\_\_\_\_  
 On hand at end of month None

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE**

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

1588 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 328-5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. 14-08-0001-14181  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
July, 1975

Agent's Address 330 Pacific Western Life Bldg. Company American Casper Petroleum Co. of N.M.  
Casper, Wyoming 82601 Signed A. H. Hurley, Jr.  
 Phone No. 265-3362 Title Division Operations Manager

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)
SEC. 17 NW NW Cow Hollow Unit	2N	11E	1							Drilled 18,104' to 18,459' - Inc.  PE

**GAS: (MCF)**

Sold None  
 Flared/Vented None  
 Used On/Off Lease None

**OIL or CONDENSATE: (To be reported in Barrels)**

On hand at beginning of month None  
 Produced during month None  
 Sold during month None  
 Unavoidably lost None  
 Reason: \_\_\_\_\_  
 On hand at end of month None

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE**

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 328-5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. 14-08-0001-14181  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
August, 1975

Agent's Address 330 Pacific Western Life Bldg. Company American Gasar Petroleum Co. of N.M.  
Casper, Wyoming 82601 Signed A. H. Hurley, Jr.  
 Phone No. 265-3362 Title Division Operations Manager

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)
SEC. 17 NW NW Cow Hollow Unit	2N	11E	1							Drilled 18,459' - 18,922' TD. Ran electric logs.  Now circulating and conditioning hole to run 7" casing.

GAS: (MCF)

Sold \_\_\_\_\_ None  
 Flared/Vented \_\_\_\_\_ None  
 Used On/Off Lease \_\_\_\_\_ None

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month \_\_\_\_\_ None  
 Produced during month \_\_\_\_\_ None  
 Sold during month \_\_\_\_\_ None  
 Unavoidably lost \_\_\_\_\_ None  
 Reason: \_\_\_\_\_  
 On hand at end of month \_\_\_\_\_ None

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED IN DUPLICATE

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K  
SEPTEMBER 4, 1975

DRILLING PROCEDURES

AMERICAN QUASAR

Cow Hollow #1

Sec. 17, T. 2 N., R. 11 E.

Summit County, Utah

TOPS:

Frontier	16974'
Aspen	18050'
Dakota	18373'
Morrison	18680'

Drilled to: 18922'

8" Hole 17600'

There are gas shows. Set pipe at 18000', they do not want to set pipe too deep. No porosity.

It is not a Federal Tract, but is is a Federal Unit.

Waiting to get pipe cemented.



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION  
1588 WEST NORTH TEMPLE  
SALT LAKE CITY, UTAH 84116  
328-5771

State Lease No. \_\_\_\_\_  
Federal Lease No. 14-08-0001-14181  
Indian Lease No. \_\_\_\_\_  
Fee & Pat. \_\_\_\_\_

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
September, 19 75

Agent's Address 330 Pacific Western Life Bldg. Casper, Wyoming 82601 Company American Quasar Petroleum Co. of N.M.  
Signed A. H. Hurley, Jr.  
Title Division Operations Manager

Phone No. 265-3362

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)
SEC. 17 NW NW Cow Hollow Unit	2N	11E	1							<p>Ran 430 jts. of 7" casing to 18,703'. Cemented with 3000 sax. Rig released 9-7-75.</p> <p>Rigged up completion unit. Ran 2-7/8" tubing and tagged PBD at 18,595'. Reversed out drilling mud with fresh water. Circulated out fresh water with calcium chloride water.</p> <p>Perforated Frontier formation from 17,605' - 17,610' with 4 - 23 gram jumbo jet shots per foot. No reaction following perforating.</p> <p>Prep to acidize Frontier perms.</p>

GAS: (MCF)

Sold None  
Flared/Vented None  
Used On/Off Lease None

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month None  
Produced during month None  
Sold during month None  
Unavoidably lost None  
Reason: \_\_\_\_\_  
On hand at end of month None



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

1588 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 328-5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. 14-08-0001-14181  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
October, 19 75

Agent's Address 330 Pacific Western Life Bldg. Company American Gasar Petroleum Co. of N.M.  
Casper, Wyoming 82601 Signed A. H. Hurley, Jr.  
 Phone No. 265-3362 Title Division Operations Manager

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)
SEC. 17 NW NW Cow Hollow Unit	2N	11E	1							Acidized Frontier perms 17,605' - 17,610' with 3000 gals. 15% HCl. Swabbed acid water with small amount of gas.  Perforated 17,690' - 17,710' with 2 - 4" jumbo shots per foot and re-perforated 17,605' - 17,615' with 2 - 4" jumbo jet shots per foot. Acidized perms with 1500 gals. 15% HCl. Swabbed muddy water with very slight trace of gas. Testing - Incomplete.

**GAS: (MCF)**

Sold \_\_\_\_\_ None \_\_\_\_\_  
 Flared/Vented \_\_\_\_\_ None \_\_\_\_\_  
 Used On/Off Lease \_\_\_\_\_ None \_\_\_\_\_

**OIL or CONDENSATE: (To be reported in Barrels)**

On hand at beginning of month \_\_\_\_\_ None \_\_\_\_\_  
 Produced during month \_\_\_\_\_ None \_\_\_\_\_  
 Sold during month \_\_\_\_\_ None \_\_\_\_\_  
 Unavoidably lost \_\_\_\_\_ None \_\_\_\_\_  
 Reason: \_\_\_\_\_  
 On hand at end of month \_\_\_\_\_ None \_\_\_\_\_

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. *THIS REPORT MUST BE FILED IN DUPLICATE*

5 K

CIRCULATE TO:  
DIRECTOR  
PETROLEUM ENGINEER  
MINE COORDINATOR  
ADMINISTRATIVE ASSISTANT  
ALL

□  
□  
□  
□  
□

RETURN TO Kathy  
FOR FILING

December 4, 1975

MEMO FOR FILING

Re: American Quasar  
Cow Hollow #1  
Sec. 17, T. 2 N., R. 11 E.  
Summit County, Utah

On December 4, 1975, verbal permission to plug the above referred to well was given to Mr. Don Brause of American Quasar.

A 9 5/8" casing was set at 18,007'. Top of cement behind the casing is at approximately 5800'.

The perforated interval in the 9 7/8" casing, will be cement squeezed. A 50 sack cement plug will be placed from approximately 10,000' to 9800'. A 50 sack plug will be set into and over the shut-off point of the 9 5/8" casing. An additional 50 sack plug will be set at approximately 3700'. The bottom of the surface casing (20" @ 563') will be cement plugged with 50 sacks, and the top of the surface casing will be cemented with 25 sacks. A standard dry hole marker will be erected and the well will be identified.

PATRICK L. DRISCOLL  
CHIEF PETROLEUM ENGINEER

PLD:tb

cc: U. S. GEOLOGICAL SURVEY

PLUGGING PROGRAM FORM

Name of Company: AMERICAN QUASAR Well Name: COW HOLLOW #1

Verbal Approval Given To: Don Brause Sec. 17 T. 2N R. 11E County: Summit

Verbal Approval Was Given To Plug the Above Mentioned Well In The Following Manner:

Mr. Don Brause called on December 4, 1975, and he left the following information:

563'-cemented surface, 20" casing.

Shale down to 3425'

Sand 4325'-3725'

Interbedded limestone sand - 3725'-3880'

Shale - 3880'-4055'

Sand - 4055'-4150'

Then primarily shale, limestone, very little sand down to 5770'.  
Sand from there on down to cut-off point of 9 5/8" casing.

A 9 5/8" casing was set at 18,007'. Top of cement behind the casing is at approximately 5800'.

The perforated interval in the 9 5/8" casing, will be cement squeezed. A 50 sack cement plug will be placed from approximately 10,000' to 9800'. A 50 sack plug will be set into and over the shut-off point of the 9 5/8" casing. An additional 50 sack plug will be set at approximately 3700'. The bottom of the surface casing (20" @ 563') will be cement plugged with 50 sacks, and the top of the surface casing will be cemented with 25 sacks. A standard dry hole marker will be erected and the well will be identified.

CIRCULATE TO:

DIRECTOR  
PETROLEUM ENGINEER  
MINE COORDINATOR  
ADMINISTRATIVE ASSISTANT  
ALL

RETURN TO Kashy  
FOR FILING.

Date Verbally Approved: 12/4/75

Signed: ORIGINAL SIGNED BY P. A. DISCOLL

5  
K  
December 9, 1975

MEMO FOR FILING

Re: American Quasar  
Cow Hollow #1  
Sec. 17, T. 2 N., R. 11 E.  
Summit County, Utah

On December 8, 1975, a change was granted to American Quasar, regarding the original plugging program on the above mentioned well. This change occurred, due to the shot-off points of the various casing. The new approved program is as follows:

- 1) Frontier perms squeezed with 50 sacks.
- 2) The 9 5/8" casing was shot-off at 5900'. A 100 sack plug will be placed in and out of this section of the 9 5/8" casing.
- 3) A water sand at 3900' will be covered by a 50 sack plug.
- 4) A 50 sack plug will be placed in and out of the 13 5/8" casing set at 3450'.
- 5) A 25 sack plug will be placed at the top of the 13 5/8" casing, and the dry hole marker will be erected.

PATRICK L. DRISCOLL  
CHIEF PETROLEUM ENGINEER

PLD:tb

cc: U. S. GEOLOGICAL SURVEY

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-verse side)

5. LEASE DESIGNATION AND SERIAL NO. 14-08-0001-14181

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME Cow Hollow Unit

8. FARM OR LEASE NAME Cow Hollow Unit

9. WELL NO. 1

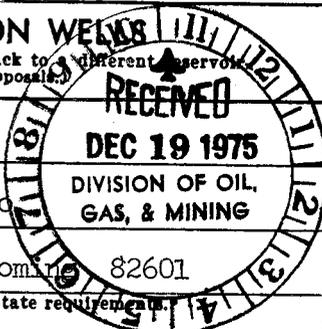
10. FIELD AND POOL, OR WILDCAT Wildecat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 17-2N-11E

12. COUNTY OR PARISH Summit 13. STATE Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to different reservoirs. Use "APPLICATION FOR PERMIT—" for such proposals.)



1. OIL WELL  GAS WELL  OTHER  Drilling Well

2. NAME OF OPERATOR American Quasar Petroleum Co. of New Mexico

3. ADDRESS OF OPERATOR 330 Pacific Western Life Bldg. Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
893' FNL & 1,006' FWL (NW NW)

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
9,388' GL; 9,413' KB

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 checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

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

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.)\*

We propose to plug and abandon well as follows:

Will set Baker Model "N" plug at 17,500' and dump cement and sand on top.

Will run a Freepoint indicator in 7" Casing to determine where to shoot. Will set 50 sack (100') cement plug across stub after shooting off 7".

Will run a Freepoint indicator and cut off 9 5/8" Casing and set 100 sack (150') cement plug across stub of 9 5/8".

As per instructions from Mr. Driscoll, will set cement plugs as follows: 50 sack plug from 3,900' to 3,800' (100'). 50 sack plug from 3,450' to 3,350' (100') and a 25 sack plug in top.

Will install a Dry Hole Marker in accordance with Utah regulations.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: Dec. 18, 1975

BY: P. H. Driscoll

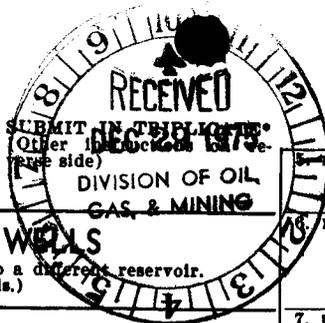
18. I hereby certify that the foregoing is true and correct

SIGNED A. H. Hurley, Jr. TITLE Division Operations Mgr. DATE 12/12/75

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION



LEASE DESIGNATION AND SERIAL NO. 14-08-0001-14181  
IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Drilling Well - Dry Hole		7. UNIT AGREEMENT NAME Cow Hollow Unit	
2. NAME OF OPERATOR American Quasar Petroleum Co. of New Mexico		8. FARM OR LEASE NAME Cow Hollow Unit	
3. ADDRESS OF OPERATOR 330 Pacific Western Life Bldg. Casper, Wyoming 82601		9. WELL NO. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 893' FNL & 1,006' FWL (NW NW)		10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 9,388' GL; 9,413' KB	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA 17-2N-11E	12. COUNTY OR PARISH Summit
			13. STATE Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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.)\*

Well was plugged and abandoned as follows:

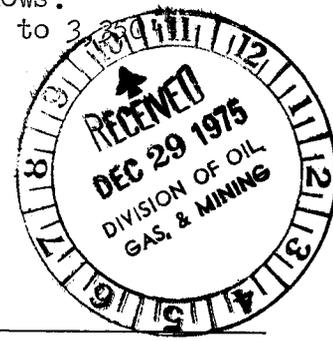
Set Baker Model "N" plug at 17,500' and dumped cement and sand on top.

Ran a Freepoint Indicator in 7" casing and cut off casing at 11,100'. Set a 50 sack cement plug from 11,100' to 10,993' (107') across the stub of the 7".

Ran a Freepoint Indicator in 9 5/8" casing and cut off casing at 6,000'. Set a 100 sack cement plug from 5,900' to 5,750' (150') across the stub of the 9 5/8".

As per instructions from Mr. Driscoll, cement plugs were set as follows: 50 sack plug from 3,900' to 3,800' (100'). 50 sack plug from 3,450' to 3,350' (100') and a 25 sack plug at the top.

Dry Hole Marker was installed in accordance with Utah regulations.



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

SIGNED A. H. Hurley

TITLE Division Operations Mgr.

DATE 12/15/75

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_



STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE  
SALT LAKE CITY, UTAH 84116  
328-5771

State Lease No. \_\_\_\_\_  
Federal Lease No. 14-08-0001-14181  
Indian Lease No. \_\_\_\_\_  
Fee & Pat. \_\_\_\_\_

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
November 1975

Agent's Address 330 Pacific Western Life Bldg. Casper, Wyoming 82601 Company American Gasar Petroleum Co. of N.M.  
Signed A. H. Hurley, Jr.  
Title Division Operations Manager  
Phone No. 265-3362

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)
SEC. 17 NW NW Cow Hollow Unit	2N	11E	1							Swabbed dirty water with very slight trace of gas. Laid down 2-7/8" tubing. Set Baker Model N plug at 17,500' and dumped cement and sand on top. Cut 7" casing off at 11,100' and spotted 50 sack cement plug across stub from 11,100' to 10,993'. Cut off 9-5/8" casing at 6,000'. Set a 100 sack cement plug from 5,900' - 5,750'. Set 50 sack cement plug from 3,900' - 3,800' (100') and a 50 sack plug from 3,450' - 3,350' (100') and a 25 sack plug in the top. Installed dry hole marker in accordance with Utah regulations. Well P & A. <u>FINAL</u>

GAS: (MCF)  
Sold None  
Flared/Vented None  
Used On/Off Lease None

OIL or CONDENSATE: (To be reported in Barrels)  
On hand at beginning of month None  
Produced during month None  
Sold during month None  
Unavoidably lost None  
Reason: \_\_\_\_\_  
On hand at end of month None

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED IN DUPLICATE

FINAL WELLSITE GEOLOGIC REPORT

American Quasar Petroleum Co.

Cow Hollow Unit No.1

NW NW Sec 17, T 2N, R 11E

Summit County, Utah

by

Victor B. Gras

Consulting Geologist

*Revise logs 20 Jan 1976*

35-1

Tfu	9310' - 12625'	3315'		
Tcc	12625' - 13015'	390'	Tcc	3107' - 3288' 181'
Kmv	13015' - 13584'	569'	Kf	3288' -

*CC on Wamsley - Skelton  
PP 263  
JNT.*

This is the final Geological Report on Cow Hollow Unit No. 1.

Most pertinent information is on the lithologic log heading accompanied by a brief formation description, list of electric log tops and a copy of the bit record.

No drillstem tests were run during drilling.

No cores were cut.

Lost circulation was limited to 1000 bbl mud at a depth of 18720' when mud weight exceeded 11.3 lbs. per gal.

Sample description below the top of the Frontier Formation was difficult due to the large amount of cavings from hole enlargement.

Significant hydrocarbon shows were the gas reading in the Frontier Formation from 17515' to 17700', drillers depths. Some sandstone in this zone had some brown oil stain and gave a bright yellow cut.

Gas readings were strong from 18260' to 18450', drillers depths, from basal Aspen into the Dakota Formation. Trip gas was strong after this zone had been drilled.

A portable Tooke Engineering mud logging unit was manned by V. B. Gras, Geologist, from 668' to 12200'. The unit was manned by one Tooke Engineering logger from 12200' to total depth.

E Log Tops

Knight	Surface
Thaynes	4350'
Park City	5050'
Weber	5775'
Morgan	6955'
Madison	7990'
Thrust Fault	9310'
Mesaverde	
Hilliard	13584'
Frontier	16974'
Aspen	18050'
Dakota	18317'
Morrison	18680'

Brief Formation Description Adjusted to Electric Log Tops

KNIGHT FORMATION:

- 668- 1340 Shale, yellow, tan, with fragments varicolored chert and white to gray limestone.
- 1340- 1380 Conglomerate of pink and yellow quartzite pebbles up to  $\frac{1}{4}$ ' across.
- 1380- 1620 Shale, varicolored yellow, light gray, pink, hard to soft.
- 1620- 1860 Red and yellow clay shale matrix with pebbles, quartz, varicolored chert, quartzite and gray limestone.
- 1860- 2400 Shale, mottled light gray, yellow and pink, detrital, soft to firm with some inclusions of limestone pebbles.
- 2400-2800 Shale, varicolored yellow, red light gray with abundant anhydrite, with some limestone pebble inclusions.
- 2800- 3015 Shale as above with varicolored chert fragments.
- 3015- 3425 Shale, yellow, red, light green, firm detrital to sandy.
- 3425- 3565 Sandstone, loose, very coarse grading to very fine grained and grading from angular, rounded to angular.
- 3565- 3700 Sandstone, tan, reddish-brown, light gray-white, very fine grained, argillaceous, tight, soft to hard with varicolored fragments of chert and limestone.
- 3570- 3880 Interbedded loose, very fine grained sandstone and limestone, pink, tan, white crypto-crystalline, hard, detrital.
- 3880- 3980 Shale, yellow, tan, red, soft, detrital, calcareous.
- 3980- 4055 Siltstone, pink, yellow, tan, white, very calcareous, detrital, with fragments, brown to gray chert and limestone.
- 4055- 4150 Sandstone, white, very fine grained, friable with calcareous cement.
- 4150- 4350 Shale, pink, yellow, firm, detrital, brittle, calcareous.

THAYNES FORMATION:

- 4350- 5050 Limestones, white, pink, detrital to sandy, crypto-crystalline, hard broken by sandstones, very fine to coarse grained, pink, white, tan, calcareous with disseminated frosted grains.

PARK CITY FORMATION:

- 5050- 5090 Chert, white to gray.
- 5090- 5120 Limestone, white, tan, pink, finely-crystalline, hard with sparse black and green grains.

- 5120- 5260 Sandstone, white yellow, very fine grained, slightly calcareous, tight containing varicolored chert.
- 5260- 5290 Siltstone, yellow, gray, brittle, hard.
- 5290- 5330 Dolomite, black, gray, hard.
- 5330- 5380 Shale, black, soft, probably phosphatic.
- 5380- 5445 Limestone, light gray, crypto-crystalline, hard.
- 5445- 5515 White, very fine grained, calcareous sandstone and light gray calcareous siltstone.
- 5515- 5640 Limestone, light to medium gray, crypto- crystalline, brittle and soft black shale and black oolitic phosphate.
- 5640- 5675 Sandstone, white, very fine grained, very calcareous, friable.
- 5675- 5775 Limestone, light gray, drab, crypto-crystalline, brittle with some milky to light gray chert.

WEBER FORMATION:

- 5775- 6065 Sandstone, white, very fine grained, angular, hard, tight with some large rounded frosted grains at top. No shows.
- 6065- 6120 Dolomite, white, hard, crypto-crystalline.
- 6120- 6805 Sandstone as above, becoming calcareous @ 6600'
- 6805- 6820 Dolomite, light gray crypto-crystalline, detrital, hard.
- 6820- 6955 Sandstone, white, very fine grained, angular, tight.

MORGAN FORMATION:

- 6955- 7050 Interbedded red, calcareous, soft, shale and white, very fine grained sandstone and white, micro-crystalline limestone.
- 7050- 7265 Dolomite, light gray-white, crypto- to very finely-crystalline, hard alternating with beds, sandstone, light gray, very fine grained, dolomitic, hard with some dark grains. No shows.
- 7265- 7350 Limestone, gray, brown, crypto-crystalline, hard.
- 7350- 7380 Dolomite, light gray-white, crypto-crystalline, hard with some light gray-white chert.
- 7380- 7420 Limestone, light brown, light gray-white, crypto- to micro-crystalline, hard.
- 7420- 7535 Dolomite, white, light gray, light brown, crypto- to micro-crystalline, hard.
- 7535- 7710 Limestone, white, light brownish gray, crypto-crystalline, hard with some zones milky, clear, light brown chert.
- 7710- 7770 As above with some light gray-green siltstone and sandstone, light gray, very fine grained, calcareous, pyritic, tight.
- 7770- 7895 Limestone, light brownish-gray, crypto-crystalline, hard becoming micro-crystalline and very sandy in bottom half.

7895- 7990 Interbedded sandstone, light gray, very fine to medium grained, angular to sub-angular, calcareous, hard, tight and limestone, light gray, crypto- to micro-crystalline, sandy and shale, black, slightly calcareous, hard.

MADISON FORMATION:

7990- 8105 Dolomite, light gray, buff, crypto-crystalline, hard with some amber chert.

8105- 8240 Limestone, buff, light gray, tan, micro-crystalline, soft, non-porous, some sandy. No shows.

8240- 8295 Dolomite, buff, gray, brown, crypto-crystalline, hard and white anhydrite.

8295- 8515 Dolomite, brown to black, crypto- to micro-crystalline, hard with anhydrite to 8460' to 8480'.

8515- 9015 Limestone, medium to dark gray, light gray-white crypto- to micro-crystalline, hard with some calcite filled fractures.

9015- 9050 Chert, blue-white mottled with gray and limestone, gray to black.

9050- 9070 Dolomite, light gray, micro-crystalline, firm, friable. No shows.

9070- 9310 Limestone, gray, brown, crypto- to micro-crystalline, hard, some vuggy. No shows.

THRUST FAULT, MESAVERDE FORMATION:

9310- 9620 Shale, dark gray, calcareous, soft to hard and siltstone, light to dark gray, calcareous, hard with black inclusions.

9620- 9815 Sandstone, light gray, salt and pepper, very fine to coarse grained, calcareous, tight with abundant brown and black chert grains up to 1/2 mm across. No shows.

9815- 9905 Shale, light to dark gray, soft with trace lignite.

9905-10090 Sandstone, light gray, very fine to coarse grained salt and pepper, calcareous, hard, friable, tight with gray to black angular chert..

10090-10240 Shale, brownish-gray, light gray-white, light to medium gray, soft to firm.

10240-12440 Sandstone as above with shale breaks varying from twenty to forty feet thick.

12440-12650 Sandstone as above with gray, black and milky chert fragments up to one mm across.

12650-13015 Quartzite, white, some pink, original grains, very fine to coarse grained, some rounded.

13015-13100 Sandstone, light gray, salt and pepper, very fine to coarse grained, pyritic, angular, tight, hard with thin coal beds to five feet thick.

13100-13170 Shale, light to dark gray, slightly calcareous, hard with carbonaceous streaks and several thin coal beds.

- 13170-13420 Siltstone, light gray, salt and pepper, calcareous, hard with some breaks medium to dark gray, black, hard shale.
- 13420-13584 Sandstone, light gray, salt and pepper, very fine grained, calcareous, firm, friable, tight. No shows.

HILLIARD FORMATION:

- 13584-15696 Shale, gray, calcareous, hard with thin streaks siltstone, light gray, salt and pepper, calcareous, hard. At 15583' silstones carry caronaceous partings.
- 15696-15730 Siltstone, light gray, salt and pepper, calcareous, hard with carbonaceous partings.
- 15730-15830 Shale as above.
- 15830-15860 Sandstone, light gray, salt and pepper very fine grained, calcareous, tight, hard.
- 15860-16974 Shale, dark gray, slightly calcareous, hard with Inoceramus prisms coming in at 16440'.

FRONTIER FORMATION:

- 16974-17173 Siltstone, light gray, very bentonitic, soft to firm and shale, medium gray, calcareous, hard.
- 17173-17225 Sandstone, light gray-white, very fine grained, sub-angular, slightly calcareous, tight, soft, friable with sparse dark grains. No stain, cut for fluorescence.
- 17225-17470 Shale, black, dark gray, calcareous, hard to soft.
- 17470-17600 Same some thin beds sandstone, white to light gray, very fine grained, slightly calcareous, tight, hard.
- 17600-17620 Sandstone, white, light gray, very fine grained, hard, tight with sparse dark grains. Some brown stained. Dull yellow fluorescence. Bright yellow cut.
- 17620-17705 Shale, black, dark gray, hard and coals.
- 17705-17740 Sandstone, white, very fine grained, clay tight, slightly calcareous. No shows.
- 17740-17890 Sandstone, light gray, very fine grained, dirty, slightly glauconitic, tight, hard and silstone, light to medium gray, slightly calcareous, hard to soft with black specks.
- 17925-18050 Shale, dark gray to black, brownish gray, soft with abundant light gray-white bentonite.

ASPEN FORMATION:

- 18050-18317 Shale, black, siliceous, sharply angular fracture with some white bentonite and white chert.

DAKOTA FORMATION:

18317-18680 Mostly shale, light gray, light green, brown, black, hard with thin sandstones, ten feet or less, light gray-white, very fine grained, calcareous tight, soft to hard. No shows.

MORRISON FORMATION:

18680-18922 Interbedded sandstone up to 20 foot beds, vari-colored pastel shales and pastel limestones. Sandstone, light gray-white, light tan, light green, clear, very fine to medium grained, very calcareous tight, hard with tan, brown, orange grains. Shale is light gray, light green, maroon, lavender, non-calcareous.

18922 Drillers total depth.



CALVIN L. RAMPTON  
*Governor*

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

GUY N. CARDON  
*Chairman*

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

CLEON B. FEIGHT  
*Director*

1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

January 29, 1976

American Quasar Pet. Co.  
330 Pacific Western Life Bldg.  
Casper, Wyoming 82601

Re: Well NO. Cow Hollow Unit #1  
Sec/ 17, T. 2N, R. 11E  
Summit County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3 in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER  
RECORDS CLERK

ATTACHMENT NO. 1

COW HOLLOW UNIT NO. 1

American Quasar Pet. Co. of N.M.  
330 Pacific Western Life Bldg.  
Casper, Wyoming 82601

26. Type Electric and Other Logs Run

Schlumberger DIL-Laterolog & BHP-Sonic-GR from 3,422' to 530'

12-31-74 - Schlumberger Dipmeter Log - 10,580' - 3,400'  
Sonic-Gamma Ray-Caliper - 10,586' - 3,400'  
DIL - 10,583' - 3,420'

6- 7-75 - Schlumberger GR-Sonic-Caliper Log - 17,570' - 10,380'

8-26-75 - Dresser Atlas GR-Neutron - 18,911' - 10,382'  
Dresser Atlas DIL - 18,099' - 17,000'  
Dresser Atlas Dipmeter - 17,500' - 10,382'  
Dresser Atlas Slim Hole Induction Log - 18,898' - 18,045'

31. Perforation Record

Perforated Frontier formation 17,605' - 17,610' with 4" carrier gun, 4 - 23 gram jumbo jets per foot.

Acidized perms 17,605' - 17,610' with 3000 gals. 15% HCl.

Perforated with 2 - 4" jumbo jet shots per foot from 17,690' - 17,710' and from 17,605' - 17,615'.

Acidized above perms with 1500 gals. 15% HCl.

Set Baker Model "N" plug at 17,500' and dumped cement and sand on top.

Cut off 7" casing at 11,100'. Set a 50 sack cement plug from 11,100' to 10,993' (107') across stub of 7" casing.

Cut off 9-5/8" casing at 6,000'. Set a 100 sack cement plug from 5,900' to 5,750' (150') across stub of 9-5/8" casing.

Set cement plugs as follows:      50 sax - 3,900' - 3,800' - 100'  
   50 sax - 3,450' - 3,350' - 100'  
   25 sax - In top of surface

Dry hole marker installed in accordance with Utah regulations.

STATE OF UTAH

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

5. LEASE DESIGNATION AND SERIAL NO.

14-08-0001-14181

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Cow Hollow

8. FARM OR LEASE NAME

Cow Hollow Unit

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 17-2N-11E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

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  
American Quasar Petroleum Company of New Mexico

3. ADDRESS OF OPERATOR  
330 Pacific Western Life Bldg. - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 893' FNL & 1,006' FWL (NW NW)  
At top prod. interval reported below *poilage loc th.*  
At total depth

14. PERMIT NO. 43-643-30010 DATE ISSUED

15. DATE SPUDDED 7-31-74 16. DATE T.D. REACHED 8-14-75 17. DATE COMPL. (Ready to prod.) P & A 12-14-75 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 9,388' GL; 9,413' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 18,922' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 10'-18,922' ROTARY TOOLS CABLE TOOLS

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

26. TYPE ELECTRIC AND OTHER LOGS RUN See Attachment No. 1 27. WAS WELL CORDED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94#	563'	26"	950 sax	-0-
13-3/8"	61,54.5 & 48#	3,444'	17-1/2"	2,310 sax	-0-
9-5/8"	40,43.5#	10,382'	12-1/4"	625 sax	6,000'
7"	29,32 & 35#	18,703'	8-1/2"	3,000 sax	11,100'

29. LINER RECORD 30. TUBING RECORD

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

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attachment No. 1	

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
Dry Hole		

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  
One attachment

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *A. H. Hurley, Jr.* TITLE Division Operations Manager DATE 2-4-76

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**37. SUMMARY OF POROUS ZONES:**  
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Frontier	17,715'	17,700'	Some sandstone in this zone had some brown oil stain and gave a bright yellow cut.
No drillstem tests were run.			

38.

## GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Knights	Surface	
Theynes	4,350'	
✓ Park City	5,050'	
✓ Weber	5,775'	
✓ Morgan	6,955'	
✓ Madison	7,990'	
✓ Thrust fault	9,310'	
✓ Mesaverde		
✓ Hilliard	13,584'	
✓ Frontier	16,974'	
✓ Aspen	18,050'	
✓ Dakota	18,317'	
✓ Morrison	18,680'	

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Cow Hollow Unit No. 1  
Operator American Quasar Petroleum Co.  
Address 332 Pacific Western Life, Casper, Wyo. 82601  
Contractor Moran Bros., Inc.  
Address Box 537, Duchesne, Utah 84066  
Location NW 1/4, NW 1/4, Sec. 17; T. 2 N; R. 11 E; Summit County

Water Sands:

	<u>Depth:</u>		<u>Volume:</u> Flow Rate or Head -	<u>Quality:</u> Fresh or Salty -
	From-	To-		
1.	<u>No water encountered during drilling.</u>			
2.				
3.				
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops: <u>E-log:</u>	<u>Morgan 6955'</u>	<u>Aspen 18050'</u>
<u>Knight Surface</u>	<u>Madison 7990'</u>	<u>Dakota 18317'</u>
<u>Thaynes 4350'</u>	<u>Mesaverde 9310'</u>	<u>Morrison 18680'</u>
<u>Phosphoria 5050'</u>	<u>Hilliard 13584'</u>	
<u>Weber 5775'</u>	<u>Frontier 16975'</u>	

- NOTE:
- (a) Upon diminishing supply of 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.
  - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

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

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Well Name and Number Cow Hollow Unit No. 1  
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 Location NW 1/4, NW 1/4, Sec. 17; T. 2 N; R. 11 E; Summit County

Water Sands:

	Depth:		Volume: Flow Rate or Head -	Quality: Fresh or Salty -
	From-	To-		
1.	<u>No water encountered during drilling.</u>			
2.				
3.				
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops: E-log:  
Knight Surface  
Thaynes 4350'  
Phosphoria 5050'  
Weber 5775'

Morgan 6955'  
Madison 7990'  
Mesaverde 9310'  
Hilliard 13584'  
Frontier 16975'  
Aspen 18050'  
Dakota 18317'  
Morrison 18680'

- NOTE: (a) Upon diminishing supply of forms, please inform this office.  
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