

FILE NOTATIONS

Entered in NID File
Entered On S R Sheet _____
Location Map Pinned _____
Card Indexed
I W R for State or Fee Land _____

Checked by Chief _____
Copy NID to Field Office _____
Approval Letter _____
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 2-14-77

Location Inspected _____

OW _____ WW _____ TA

Bond released _____

GW _____ OS _____ PA

State of Fee Land _____

LOGS FILED

Driller's Log

Electric Logs (No. 1)

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic _____ Others _____

1240 ANDREW AVE.
SALT LAKE CITY, UTAH 84104

September 8, 1976

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

Attention: Mr. Jack Feight

Gentlemen:

I am enclosing a copy of a completed plat for a proposed oil well drill site located in the SE 1/4 NW 1/4 Section 23, T. 9 N., R. 6 E., S.L.M., at Woodruff Utah. The survey and plat was made for:

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

They asked that I send one copy of the plat to you.



Sincerely yours,

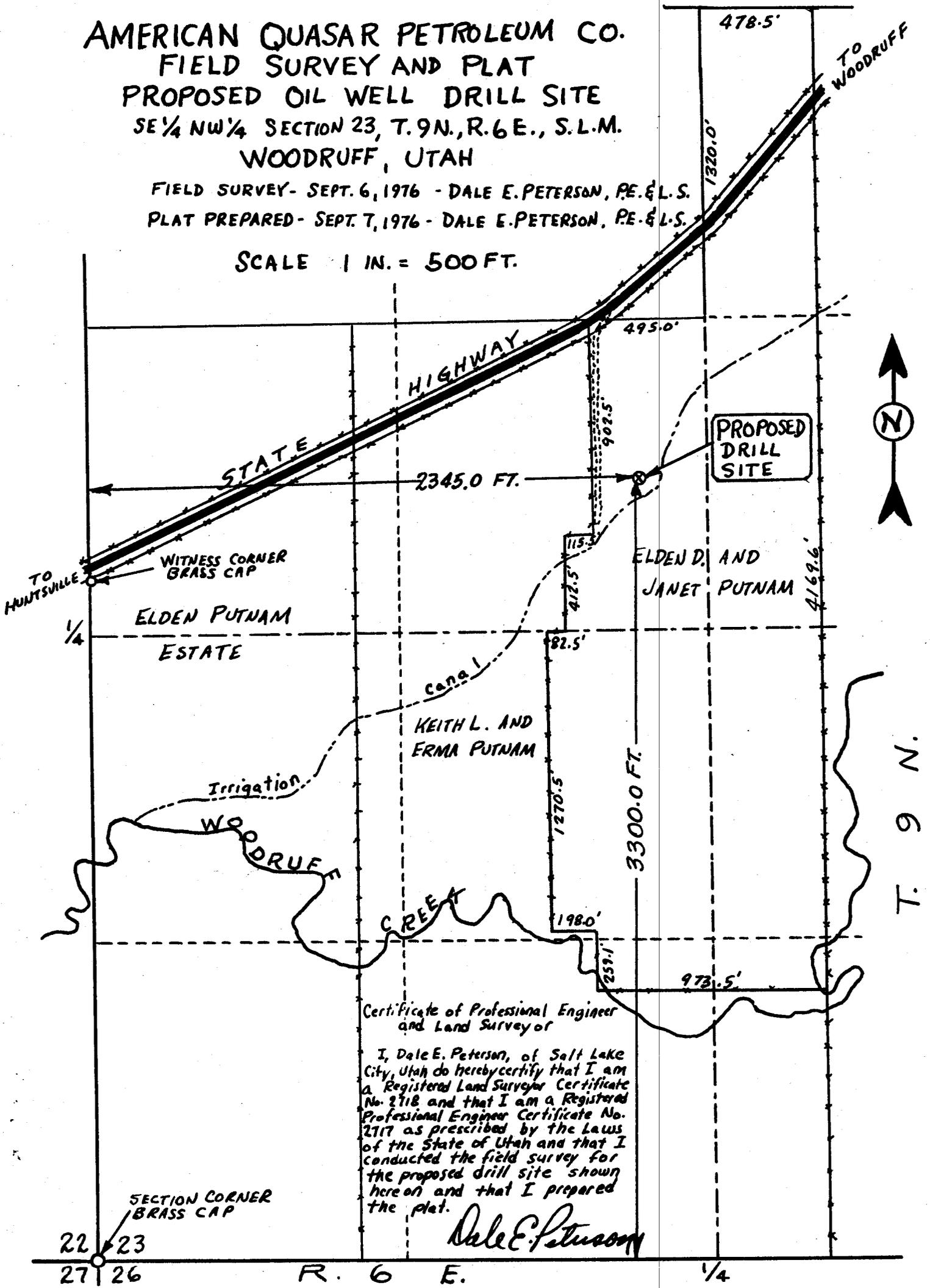
Dale E. Peterson
Dale E. Peterson
Professional Engineer
and Land Surveyor

Attachment

AMERICAN QUASAR PETROLEUM CO.
 FIELD SURVEY AND PLAT
 PROPOSED OIL WELL DRILL SITE
 SE 1/4 NW 1/4 SECTION 23, T. 9 N., R. 6 E., S. L. M.
 WOODRUFF, UTAH

FIELD SURVEY - SEPT. 6, 1976 - DALE E. PETERSON, P.E. & L.S.
 PLAT PREPARED - SEPT. 7, 1976 - DALE E. PETERSON, P.E. & L.S.

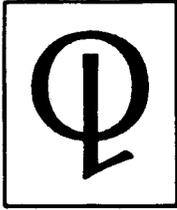
SCALE 1 IN. = 500 FT.



Certificate of Professional Engineer
 and Land Surveyor

I, Dale E. Peterson, of Salt Lake City, Utah do hereby certify that I am a Registered Land Surveyor Certificate No. 2718 and that I am a Registered Professional Engineer Certificate No. 2717 as prescribed by the Laws of the State of Utah and that I conducted the field survey for the proposed drill site shown hereon and that I prepared the plat.

Dale E. Peterson



AMERICAN QUASAR PETROLEUM CO. OF NEW MEXICO

1630 DENVER CLUB BUILDING, 518 SEVENTEENTH STREET, DENVER, COLORADO 80202, U.S.A.

Telephone (303) 623-5775

September 8, 1976

State of Utah
Board of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT

Attn: Pat Driscoll

Re: Putnam #23-1
200' E G SE/4NW/4
Section 23-T9N-R6E
Rich County, UT

Gentlemen:

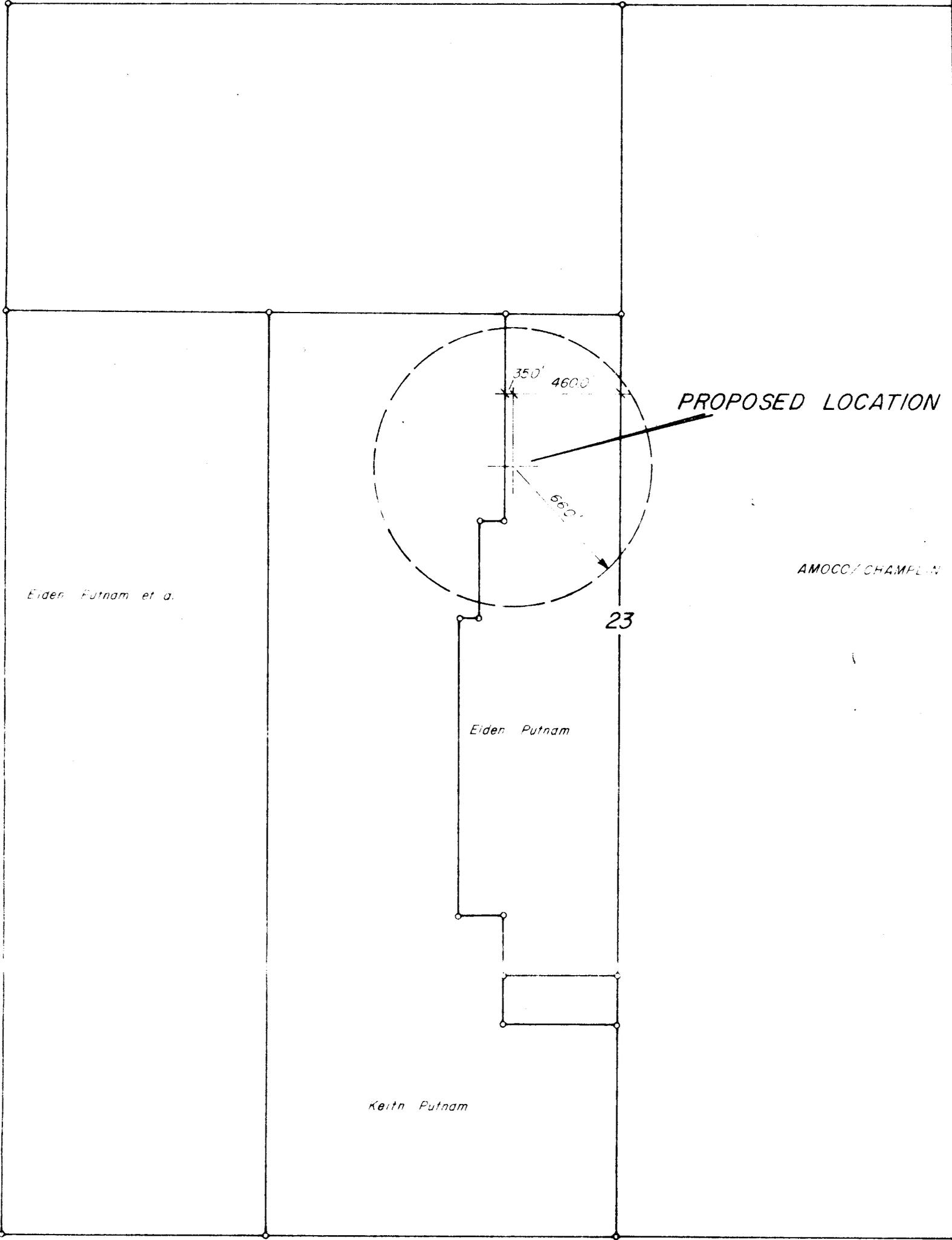
In accordance with our telephone conversation of Tuesday, September 7, relative to the drilling of the captioned test well, find the enclosed plat reflecting leasehold ownership within the drillsite section. Upon examination you will note that the indicated location for the Putnam #23-1 is 460' west of Amoco/Champlin lands and 35' east of Keith Putnam lands. Although both of these footage coordinates fall short of the 500' minimum (Rule C-3 - General Well Spacing Requirements), the parties owning lands within a radius of 660' of the proposed location consent to the placement of same. As discussed, Amoco/Champlin have agreed to Farmout for the drilling of this test well. Additionally, the Keith Putnam lease is owned 100% by American Quasar Petroleum Co. of New Mexico.

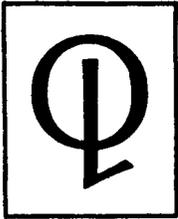
The Notice of Intent to Drill the referenced test well will be furnished your office under separate cover from our Casper, Wyoming office. Upon your receipt, we would appreciate an early approval as this well must be drilling by September 15, 1976.

Sincerely,

Thomas S. Gaylord
Division Landman

TSG/lrs
Encl.





AMERICAN QUASAR PETROLEUM CO.

330 PACIFIC WESTERN LIFE BUILDING / CASPER / WYOMING 82601 U.S.A. / TELEPHONE (307) 265-3362

September 8, 1976

Mr. Cleon B. Feight, Director
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Putnam #23-1
Rich County, Utah

Dear Mr. Feight:

Attached, in triplicate, is Application for Permit to Drill the captioned well to test the Devonian formation at 12,500 feet. Survey plats are to be forwarded directly to you from Dale Peterson of Salt Lake City.

The proposed well location is 365' east of the center of the SE/4 NW/4 of Section 23, T. 9N, R. 6E. The reason for this unorthodox location is that one land and mineral owner, Mr. Eldon Putnam, has imposed a requirement that we drill the well with the entire surface location on his land, which roughly includes the E/2 SE/4 NW/4 and the E/2 NE/4 SW/4 of Section 23. Mr. Putnam would not execute a lease to permit the drilling of this well unless these conditions were met.

American Quasar owns or controls all land within 660' of this drillsite location, with the exception of Amoco's lease in the NE/4 of Section 23. The drillsite is 295' west of Amoco's lease line, and Amoco has advised that they will wire your office waiving any objection to our drilling at this location.

We are presently obtaining landowner permission for access and location rights to permit the immediate commencement of drillsite construction operations and would appreciate your prompt consideration and approval of this project. We have contracted Loffland Brothers Rig #8 for the drilling of this well, and the rig is currently being moved to this location.



CIRCULATE TO:

DIRECTOR	-----	<input checked="" type="checkbox"/>
PETROLEUM ENGINEER	-----	<input checked="" type="checkbox"/>
MINE COORDINATOR	-----	<input checked="" type="checkbox"/>
ADMINISTRATIVE ASSISTANT	-----	<input checked="" type="checkbox"/>
ALL	-----	<input type="checkbox"/>

RETURN TO: Scherr
FOR FILING

Mr. Cleon B. Feight, Director
Division of Oil, Gas & Mining

- 2 -

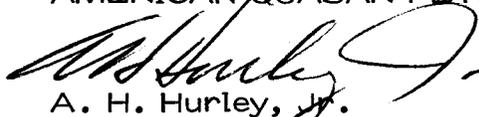
September 8, 1976

We will be glad to meet with you or your representative at the earliest possible date to permit wellsite inspection and expedite the earliest possible commencement of drilling operations.

If additional information is required, please advise.

Very truly yours,

AMERICAN QUASAR PETROLEUM CO.



A. H. Hurley, Jr.

Division Operations Manager

AHH:bh

Enc's

c/c to: Bill Bogert - Ft. Worth (w/copy of Application to Drill)

c/c to: Tom Gaylord - Denver (w/copy of Application to Drill)

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

(Fee)

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 Zones

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.)*
 At surface 1980' FNL & 2345' FNL Sec. 23, T. 9N, R. 6E, S. 14E

At proposed prod. zone

5. Lease Designation and Serial No.
 23-1

6. If Indian, Allottee or Tribe Name
 Wildcat

7. Unit Agreement Name
 23-9N-6E

8. Farm or Lease Name
 Putnam

9. Well No.
 23-1

10. Field and Pool, or Wildcat
 Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area
 23-9N-6E

12. County or Parrish 13. State
 Rich Utah

14. Distance in miles and direction from nearest town or post office*
 4 miles West of Woodruff, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
 200'

16. No. of acres in lease
 39.24

17. No. of acres assigned to this well
 --

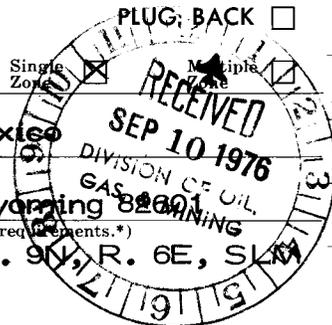
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.
 None

19. Proposed depth
 11,000'

20. Rotary or cable tools
 Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
 6750' GR (USGS Topo Map)

22. Approx. date work will start*
 9/10/76



23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	-	60'	Circulate
17"	13-3/8"	48#	500'	Circulate
12 1/4"	9-5/8"	36, 40#	4,500'	500 sx
8-3/4"	7"	26, 29, 32, 35#	12,500'	600 sx

American Quasar proposes to drill a 12,500-ft. test at the above-described location to test all possible productive zones above the Devonian formation. Drilling and cementing will be performed as shown above. (7" casing will be set only in the event a completion is attempted.) Electric logs will be run to T.D. Mud weight will be sufficient for subsurface pressures encountered.

BOP's will be opened and closed during each 24-hr. period and will be pressure-tested with a chart recorder every 30 days and before drilling out under any string of casing.

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: Division Operations Mgr. Date: 9/8/76

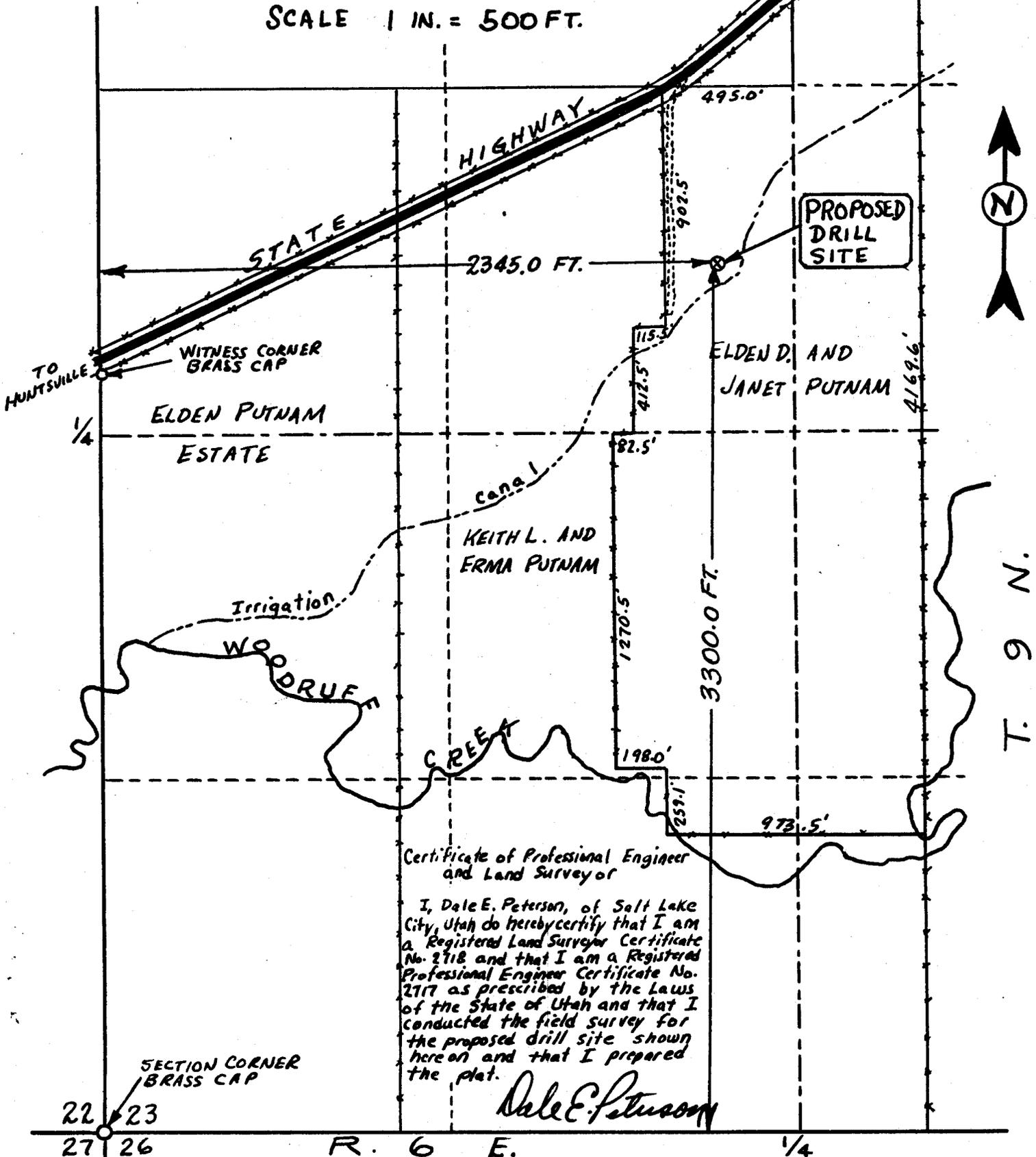
(This space for Federal or State office use)
 Permit No. 43-033-30002 Approval Date

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

AMERICAN QUASAR PETROLEUM CO.
 FIELD SURVEY AND PLAT
 PROPOSED OIL WELL DRILL SITE
 SE 1/4 NW 1/4 SECTION 23, T. 9 N., R. 6 E., S. L. M.
 WOODRUFF, UTAH

FIELD SURVEY - SEPT. 6, 1976 - DALE E. PETERSON, P.E. & L.S.
 PLAT PREPARED - SEPT. 7, 1976 - DALE E. PETERSON, P.E. & L.S.

SCALE 1 IN. = 500 FT.



Certificate of Professional Engineer
 and Land Surveyor

I, Dale E. Peterson, of Salt Lake City, Utah do hereby certify that I am a Registered Land Surveyor Certificate No. 2718 and that I am a Registered Professional Engineer Certificate No. 2717 as prescribed by the Laws of the State of Utah and that I conducted the field survey for the proposed drill site shown hereon and that I prepared the plat.

Dale E. Peterson

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

(Fee)

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

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

12. County or Parrish 13. State

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
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.)*
 At surface **1980' FNL & 2345' FWL Sec. 23, T. 9N, R. 6E, SLM**
 At proposed prod. zone

Putnam

23-1

Wildcat

23-9N-6E

14. Distance in miles and direction from nearest town or post office*
4 miles West of Woodruff, Utah

Rich Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) **200'**
 16. No. of acres in lease **39.24**

17. No. of acres assigned to this well **--**

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. **None**
 19. Proposed depth **11,000'**

20. Rotary or cable tools **Rotary**

21. Elevations (Show whether DF, RT, GR, etc.)
6750' GR (USGS Topo Map)

22. Approx. date work will start*
9/10/76

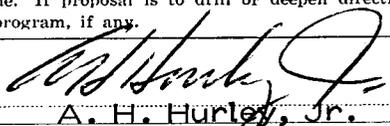
23. **PROPOSED CASING AND CEMENTING PROGRAM**

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	-	60'	Circulate
17"	13-3/8"	48#	500'	Circulate
12 1/4"	9-5/8"	36,40#	4,500'	500 sx
8-3/4"	7"	26,29,32,35#	12,500'	600 sx

American Quasar proposes to drill a 12,500-ft. test at the above-described location to test all possible productive zones above the Devonian formation. Drilling and cementing will be performed as shown above. (7" casing will be set only in the event a completion is attempted.) Electric logs will be run to T.D. Mud weight will be sufficient for subsurface pressures encountered.

BOP's will be opened and closed during each 24-hr. period and will be pressure-tested with a chart recorder every 30 days and before drilling out under any string of casing.

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 **Division Operations Mgr.** Date **9/8/76**

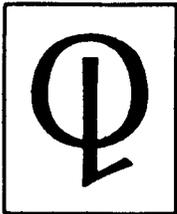
(This space for Federal or State Office use)

Permit No. Approval Date

Approved by Title Date

Conditions of approval, if any:

*See Instructions On Reverse Side



AMERICAN QUASAR PETROLEUM CO. OF NEW MEXICO

1630 DENVER CLUB BUILDING, 518 SEVENTEENTH STREET, DENVER, COLORADO 80202, U.S.A.

Telephone (303) 623-5775

September 9, 1976

State of Utah
Board of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT

Attn: Pat Driscoll

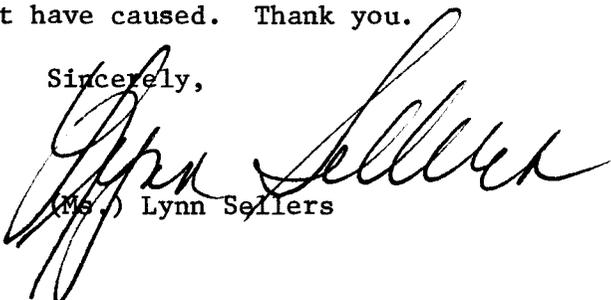
Re: Revised Plat
Putnam #23-1
Section 23-T9N-R6E
Rich County, UT

Gentlemen:

Reference is made to Mr. Thomas Gaylord's letter dated September 8, 1976 transmitting a plat reflecting leasehold ownership within the drillsite section for the captioned test well. Enclosed find a revised plat which changes the footage coordinates from 460' west of Amoco/Champlin lands and 35' east of Keith Putnam lands to 295' and 200', respectively.

We apologize for any inconvenience this might have caused. Thank you.

Sincerely,

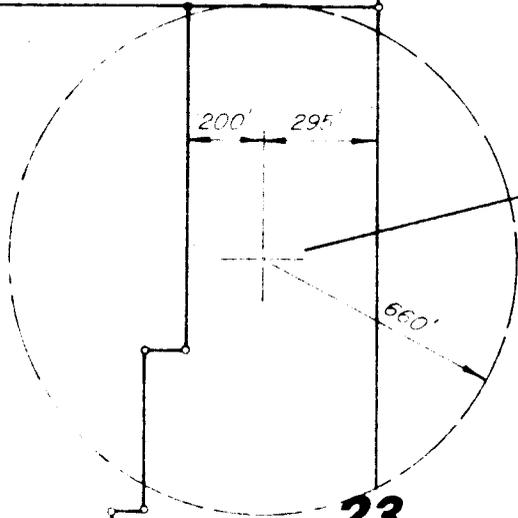


(Ms.) Lynn Sellers

LRS
Encl.



Elden Putnam et al

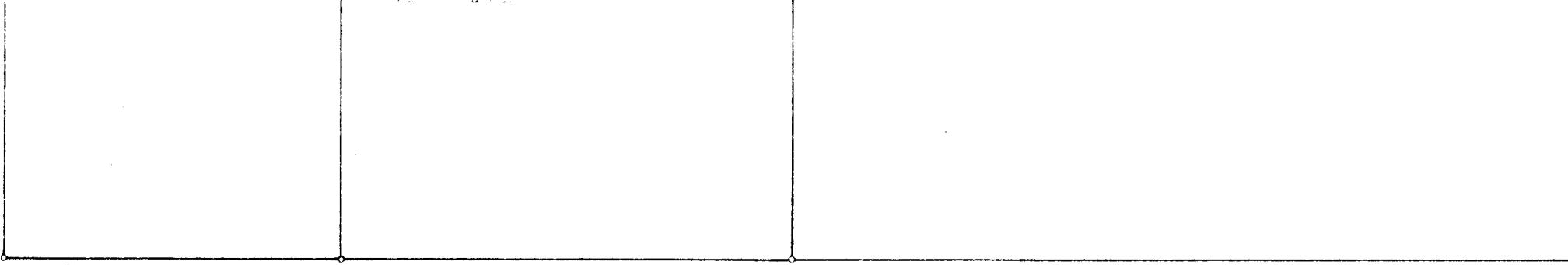


PROPOSED LOCATION
SE NW (1980' FNL, 2345' FWL)
Sec. 23-T9N-R6E, SLM

Amoco / Champlin

23

Elden Putnam

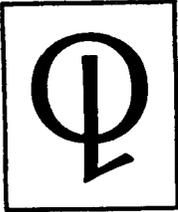


7-9-76 ∞

SCALE 1"=500'



5



AMERICAN QUASAR PETROLEUM CO.

330 PACIFIC WESTERN LIFE BUILDING / CASPER / WYOMING 82601 U.S.A. / TELEPHONE (307) 265-3362



September 9, 1976

Mr. Cleon B. Feight, Director
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Putnam #23-1
Rich County, Utah

Dear Mr. Feight:

Yesterday we mailed you Application for Permit to Drill the captioned well and advised that the survey plats were being mailed to you direct by the surveyor, Dale Peterson.

However, these plats were received from Mr. Peterson in today's mail, with no notation that copies had been mailed to you. Therefore, we enclose herewith three (3) copies of the plats to be attached to the Application.

Very truly yours,

AMERICAN QUASAR PETROLEUM CO.

A. H. Hurley, Jr.
A. H. Hurley, Jr.
Division Operations Manager

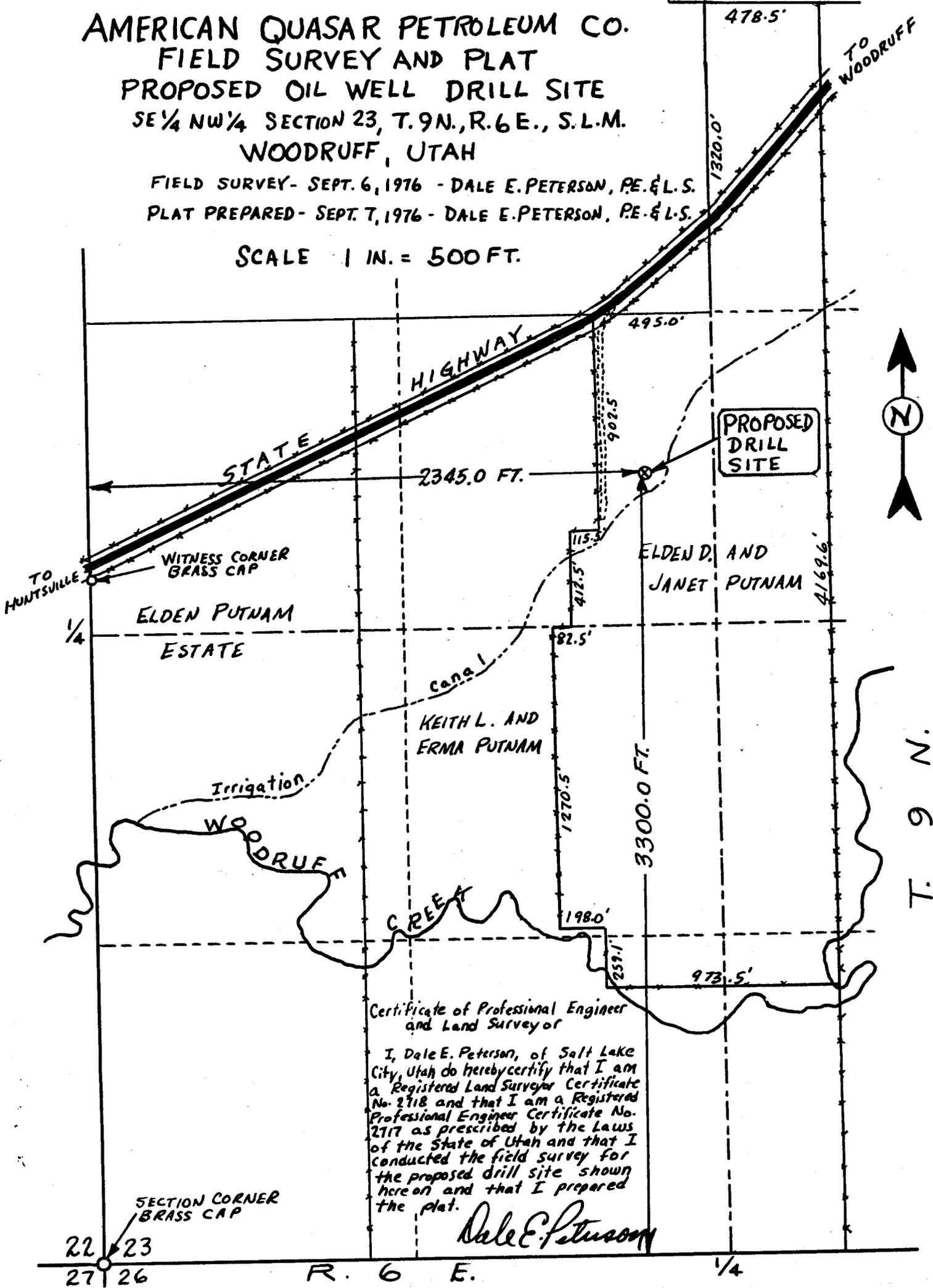
bh

c/c to: Bill Bogert - Ft. Worth
Herb Ware - Midland
Tom Gaylord - Denver - 303-861-2437
(all w/copy of survey plat)

AMERICAN QUASAR PETROLEUM CO.
 FIELD SURVEY AND PLAT
 PROPOSED OIL WELL DRILL SITE
 SE 1/4 NW 1/4 SECTION 23, T. 9 N., R. 6 E., S. L. M.
 WOODRUFF, UTAH

FIELD SURVEY - SEPT. 6, 1976 - DALE E. PETERSON, P.E. & L.S.
 PLAT PREPARED - SEPT. 7, 1976 - DALE E. PETERSON, P.E. & L.S.

SCALE 1 IN. = 500 FT.



Certificate of Professional Engineer
 and Land Surveyor

I, Dale E. Peterson, of Salt Lake City, Utah do hereby certify that I am a Registered Land Surveyor Certificate No. 2718 and that I am a Registered Professional Engineer Certificate No. 2717 as prescribed by the Laws of the State of Utah and that I conducted the field survey for the proposed drill site shown hereon and that I prepared the plat.

Dale E. Peterson

SECTION CORNER BRASS CAP
 22 23
 27 26

R. 6 E.

1/4

T. 9 N.

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: Sept. 21 -
 Operator: American Gas and Pet.
 Well No: Kutnam 23-1
 Location: Sec. 23 T. 9N R. 6E County: Rich

File Prepared Entered on N.I.D.
 Card Indexed Completion Sheet

Checked By:
 Administrative Assistant: [Signature]
 Remarks: topog. & prep. / Verbal permission C67
 Petroleum Engineer/Mined Land Coordinator: _____
 Remarks: _____
 Director: [Signature]
 Remarks: _____

Include Within Approval Letter:

Bond Required Survey Plat Required
 Order No. _____ Blowout Prevention Equipment
 Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site

O.K. Rule C-3 O.K. In _____ Unit

Other:
 Need Ok from _____
 Letter Written



Amoco Production Company

Security Life Building
Denver, Colorado 80202
Exploration Department

T. S. Yancey
Division Landman
Claud Neely
L. M. Brady
P. B. Abbey
District Landmen

September 22, 1976

Re: Woodruff Area
Rich County
U t a h

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

Attention: Mr. Cleon B. Feight

Gentlemen:

Please be advised that Amoco Production Company does not have any objections to the location and drilling of the American Quasar Petroleum Co. Putnam #23-1 located 1,980' FNL and 2,345' FWL of Section 23, Township 9 North, Range 6 East.

Very truly yours,

AMOCO PRODUCTION COMPANY

B. F. Pracko

BFP:mh

cc: American Quasar
1630 Denver Club Building
518 Seventeenth Seventeenth Street
Denver, Colorado 80202
Attention: Mr. Tom Gaylord



CIRCULATE TO:

DIRECTOR	_____	<input checked="" type="checkbox"/>
PETROLEUM ENGINEER	_____	<input checked="" type="checkbox"/>
MINE COORDINATOR	_____	<input checked="" type="checkbox"/>
ADMINISTRATIVE ASSISTANT	_____	<input checked="" type="checkbox"/>
ALL	_____	<input type="checkbox"/>

RETURN TO Dehner
FOR FILING

October 13, 1976

American Quasar Petroleum Company
330 Pacific Western Life Building
Casper, Wyoming 82601

Re: Well No. Putnam 23-1
Sec. 23, T. 9 N, R. 6 E,
Rich 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:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-033-30002.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
DIRECTOR

CBF:sw

4.6.
champlin 

R. Alan Woodard
District Landman
Rocky Mountain District

October 13, 1976

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

Attention: Mr. Cleon B. Feight

Re: UPA-006
Rich County, Utah



Gentlemen:

Please be advised that Champlin Petroleum Company does not have any objections to the location and drilling of the American Quasar Production Company of New Mexico Putnam 23-1 located 1980' from the north line and 2345' from the west line, Section 23, Township 9 North, Range 6 East, Rich County, Utah.

Very truly yours,



R. Alan Woodard

RAW/cam

cc: American Quasar Production Company
Attn: Mr. T. S. Gaylord
Amoco Production Company
Attn: Mr. B. F. Pracko

Champlin Petroleum Company
Security Life Building, Suite 1724
Denver, Colorado 80202
303/771-8090 ext 380 or 303/629-0976

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

1688 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 328-5771

State Lease No. FEE
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

P

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Rich FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
September, 1976.

Agent's Address 707 United Bank Tower
1700 Broadway
Denver, CO 80290
 Phone No. 303/861-8437

Company American Oxygas Petroleum Co.
 Signed *A. H. Hurley*
 Title A. H. Hurley
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)
Section 23 E/4NW/4 utnam	9N	6E	23-1							Spud 9/27/76 Drlg. @ 464'
										Gas Sold <u>-0-</u> Flared/Vented <u>-0-</u> Used on/off Lease <u>-0-</u>

NOTE: There were -0- runs or sales of oil; -0- M. cu. ft. of gas sold;
-0- runs or sales of gasoline during the month.

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.**

(12)

Form DOGC-4

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. FEE
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Rich FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
October, 1976

Agent's Address 707 United Bank Tower
1700 Broadway
Denver, CO 80290
Phone No. 303/861-8437

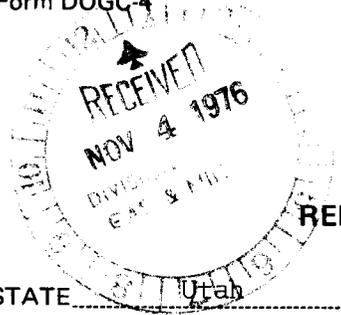
Company American Omasan Petroleum Co.
Signed [Signature]
Title A. H. Hurley
Division Operations Manager

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
Sec 2 SE/4 NW/4 Putnam	9N	6E	23-1							Spud 9/27/76 Drig. @ 3807' Ran csg.

Gas Sold 0
Flared/Vented 0
Used on/off Lease 0

NOTE: There were 0 runs or sales of oil; 0 M. cu. ft. of gas sold;
0 runs or sales of gasoline during the month.

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. FEE
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Rich FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
September, 1976

Agent's Address 707 United Bank Tower Company American Oxygas Petroleum Co.
1700 Broadway Signed [Signature]
Denver, CO 80290 Title A. H. Hurley
 Phone No. 303/861-8437 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)
Section 23 SE/4NW/4 Putnam	9N	6E	23-1							Spud 9/27/76 Drlg. @ 464'
										Gas Sold <u>-0-</u> Flared/Vented <u>-0-</u> Used on/off Lease <u>-0-</u>

NOTE: There were -0- runs or sales of oil; -0- M. cu. ft. of gas sold;
-0- runs or sales of gasoline during the month.

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.**

(12)

Form DOGC-4

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. FEE
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Rich FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
November, 19 76

Agent's Address 707 United Bank Tower
1700 Broadway
Denver, CO 80290
Phone No. 303/861-8437

Company American Ogasan Petroleum Co.
Signed [Signature]
Title A. H. Hurley
Division Operations Manager

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 and result of test for gasoline content of gas)
Sec 2 SE/4 NW/4 Putnam	9N	6E	23-1							Drig. @ 5565' Ran 9 5/8" csg. CS-4612
										Gas Sold <u>0</u> Flared/Vented <u>0</u> Used on/off Lease <u>0</u>

NOTE: There were 0 runs or sales of oil; 0 M. cu. ft. of gas sold;
0 runs or sales of gasoline during the month.

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.

(12)

Form DOGC-4



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. FEE
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Rich FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
October, 1976.

Agent's Address 707 United Bank Tower
1700 Broadway
Denver, CO 80290
 Phone No. 303/861-8437

Company American Oxygas Petroleum Co.
 Signed [Signature]
 Title A. H. Hurley
Division Operations Manager

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, ca- date and result of test for gasoline content of gas)
Sec 2 SE/4 NW/4 Putnam	9N	6E	23-1							Spud 9/27/76 Drlg. @ 3807' Ran csg.

Gas Sold 0
 Flared/Vented 0
 Used on/off Lease 0

NOTE: There were 0 runs or sales of oil; 0 M. cu. ft. of gas sold;
0 runs or sales of gasoline during the month.

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. FEE
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Rich FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
December, 19 76

Agent's Address 707 United Bank Tower
1700 Broadway
Denver, CO 80290
Phone No. 303/861-8437

Company American Oxygas Petroleum Co.
Signed [Signature]
Title A. H. Hurley
Division Operations Manager

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 and result of test for gasoline content of gas)
Sec 2 3 SE/4 NW/4 Putnam	9N	6E	23-1							Drig. @ 9299'

Gas Sold 0
Flared/Vented 0
Used on/off Lease 0

NOTE: There were 0 runs or sales of oil; 0 M. cu. ft. of gas sold;
0 runs or sales of gasoline during the month.

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

Contractor Loffland Brothers Top Choke 1"
 Rig No. 8 Bottom Choke 1"
 Spot SE-NW Size Hole 12 1/4"
 Sec. 23 Size Rat Hole --
 Twp. 9 N Size & Wt. D. P. 4 1/2" 16.60
 Rng. 6 E Size Wt. Pipe --
 Field Wildcat I. D. of D. C. 2 1/4"
 County Rich Length of D. C. 179'
 State Utah Total Depth 2720'
 Elevation 6750' "Ground" Interval Tested 2600-2720'
 Formation Twin Creek Type of Test Bottom Hole Inflation

Flow No. 1 10 Min.
 Shut-in No. 1 30 Min.
 Flow No. 2 60 Min.
 Shut-in No. 2 60 Min.
 Flow No. 3 -- Min.
 Shut-in No. 3 -- Min.
 Bottom Hole Temp. 71° F
 Mud Weight 9.2
 Gravity --
 Viscosity 56

Tool opened @ 2:20 PM.

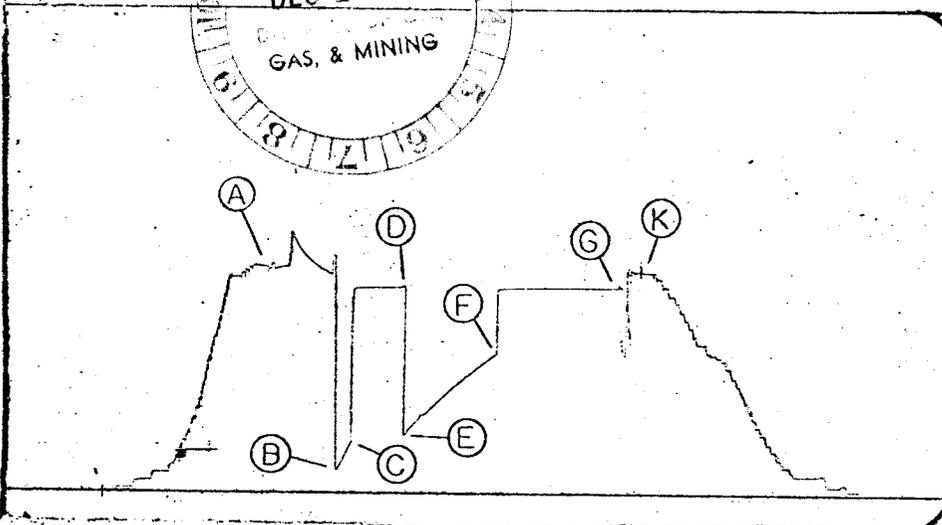
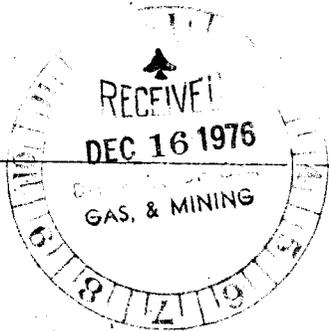
Outside Recorder

PRD Make Kuster K-3
 No. 7724 Cap. 2550' @ 2604'

	Press	Corrected
Initial Hydrostatic	A	1237
Final Hydrostatic	K	1212
Initial Flow	B	133
Final Initial Flow	C	285
Initial Shut-in	D	1129
Second Initial Flow	E	321
Second Final Flow	F	768
Second Shut-in	G	1129
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Our Tester: Perry Eker

Witnessed By: Red Rieff



Did Well Flow - Gas No Oil No Water No

RECOVERY IN PIPE: 1850' Total Fluid
200' Water cut mud = 2.84 Bbl.
1550' Slightly mud cut water = 18.08 Bbl.
100' Drilling mud = 0.49 Bbl.

REMARKS:

1st Flow - Tool opened with good 10" underwater blow, increased to strong blow to bottom of bucket in 1 minute and remained thru flow period.
 2nd Flow - Tool opened with strong blow, increased to bottom of bucket in 1 minute and remained thru flow period.

Operator American Quasar Petroleum Corp.
 Well Name and No. Putnam #23-1
 Ticket No. 2344
 Date 10-19-76
 No. Final Copies 22
 DST No. 2

LYNES, INC.

Operator American Quasar Petr. Corp. Lease & No. Putnam #23-1 DST No. 2

Recorder No. 7724' @ 2604'

FIRST SHUT IN PRESSURE:

TIME(MIN)	(T"PHI)	PSIG
PHI	/PHI	
0.0	0.0000	285
3.0	4.3333	1123
6.0	2.6667	1127
9.0	2.1111	1127
12.0	1.8333	1127
15.0	1.6667	1128
18.0	1.5556	1128
21.0	1.4762	1128
24.0	1.4167	1129
27.0	1.3704	1129
30.0	1.3333	1129

EXTRAPLN OF FIRST SHUT IN : 1130.5

SECOND SHUT IN PRESSURE:

TIME(MIN)	(T"PHI)	PSIG
PHI	/PHI	
0.0	0.0000	768
6.0	12.6667	1125
12.0	6.8333	1127
18.0	4.8889	1128
24.0	3.9167	1129
30.0	3.3333	1129
36.0	2.9444	1129
42.0	2.6667	1129
48.0	2.4583	1129
54.0	2.2963	1129
60.0	2.1667	1129

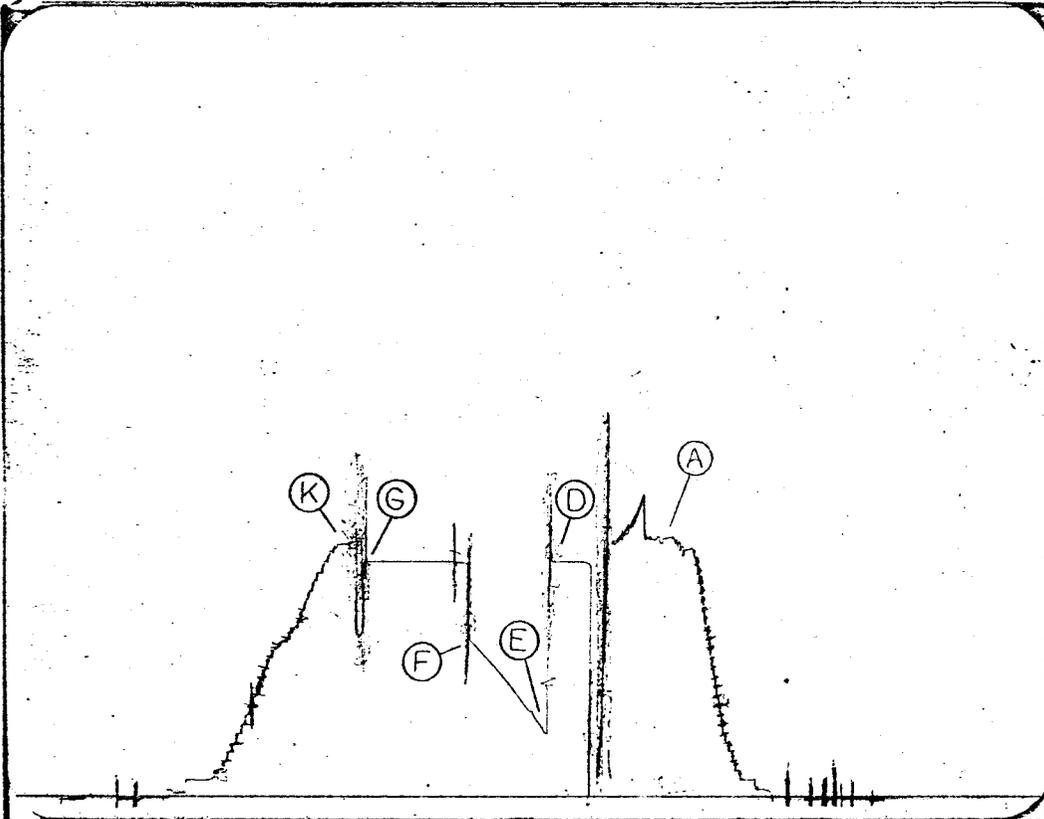
EXTRAPLN OF SECOND SHUT IN : 1129.3 M : 0.9

Extrapolations of reservoir pressures should be used as indicators only.

LYNES, INC.

Operator American Quasar Petr. Corp. Lease & No. Putnam #23-1

DST No. 2

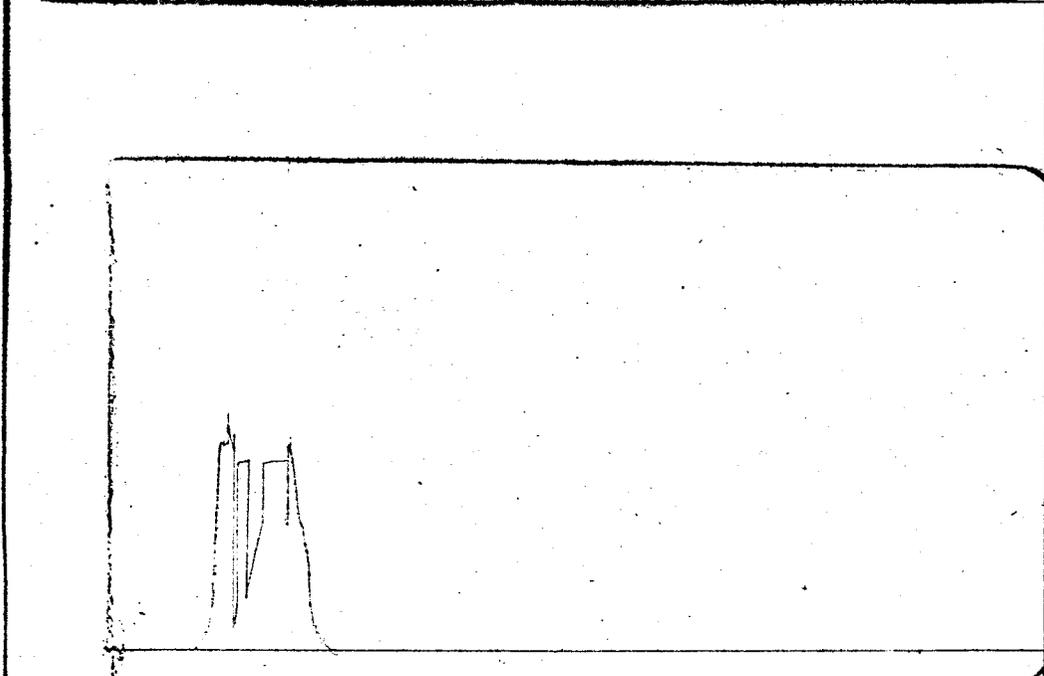


Inside Recorder

PRD Make Kuster AK-1
 No. 3697 Cap. 3700 @ 2572'

	Press	Corrected
Initial Hydrostatic	A	1226
Final Hydrostatic	K	1199
Initial Flow	B	129
Final Initial Flow	C	268
Initial Shut-in	D	1119
Second Initial Flow	E	311
Second Final Flow	F	757
Second Shut-in	G	1119
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Pressure Below Bottom
 Packer Bled To



Outside Recorder

PRD Make Kuster K-3
 No. 3911 Cap. 2700 @ 2604'

	Press	Corrected
Initial Hydrostatic	A	1242
Final Hydrostatic	K	1215
Initial Flow	B	134
Final Initial Flow	C	281
Initial Shut-in	D	1131
Second Initial Flow	E	333
Second Final Flow	F	765
Second Shut-in	G	1131
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Pressure Below Bottom
 Packer Bled To

LYNES, INC.

DISTRIBUTION OF FINAL DST REPORTS

Operator American Quasar Petroleum Co. Lease Putnam Well No. 23-1

Original copy: American Quasar Petroleum Co., 707 United Bank Bldg., Denver, Colorado,
80202 Attn: Clare Gregg

1 copy: American Quasar Petroleum Co., 332 Pacific Western Life Bldg., Casper, Wyoming,
82601 Attn: Bud Hurley

3 copies: American Quasar Petroleum Co., 2500 Fort Worth National Bank Bldg., Fort Worth,
Texas, 76102 Attn: Bill Bogert

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Attn: Herb Ware

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Montana, Attn: John Orr

1 copy: Patrick Petroleum Co., Suite 1655, Colorado National Bank Bldg., 950 17th St.,
Denver, Colorado 80202 Attn: Jim Nance

LYNES, INC.

Fluid Sample Report

Date 10-19-76 Ticket No. 2344

Company American Quasar Petroleum Corporation

Well Name & No. Putnam #23-1 DST No. 2

County Rich State Utah

Sampler No. -- Test Interval 2600-2720'

Pressure in Sampler 125 PSIG BHT 71 OF

Total Volume of Sampler: 2100 cc.

Total Volume of Sample: 1950 cc.

Oil: None cc.

Water: 1950 cc.

Mud: None cc.

Gas: None cu. ft.

Other: None

Resistivity

Water: 0.97 @ 71^oF of Chloride Content 6000 ppm.

Mud Pit Sample 1.5 @ 70^oF of Chloride Content 4000 ppm.

Gas/Oil Ratio Gravity °API @ OF

Where was sample drained On location.

Remarks:

.....

.....

.....

.....

.....

.....

Contractor Loffland Bors. Top Choke 1"
 Rig No. 8 Bottom Choke 9/16"
 Spot SE-NW Size Hole 12 1/4"
 Sec. 23 Size Rat Hole --
 Twp. 9 N Size & Wt. D. P. 4 1/2" 16.60
 Rng. 6 E Size Wt. Pipe 4 1/2" XH
 Field Wildcat I. D. of D. C. 2 1/4"
 County Rich Length of D. C. 252'
 State Utah Total Depth 368'
 Elevation 6750' "Ground" Interval Tested 325-368'
 Formation Twin Creek Type of Test Bottom Hole Conv.

Flow No. 1 10 Min.
 Shut-in No. 1 60 Min.
 Flow No. 2 60 Min.
 Shut-in No. 2 120 Min.
 Flow No. 3 -- Min.
 Shut-in No. 3 -- Min.

Bottom Hole Temp. 86°F
 Mud Weight 8.4
 Gravity --
 Viscosity 101

Tool opened @ 11:27 AM.

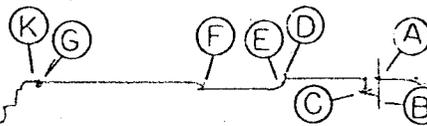
Inside Recorder

PRD Make Kuster AK-1
 No. 4152 Cap. 2100 @ 315'

	Press	Corrected
Initial Hydrostatic	A	138
Final Hydrostatic	K	134
Initial Flow	B	77
Final Initial Flow	C	102
Initial Shut-in	D	140
Second Initial Flow	E	110
Second Final Flow	F	110
Second Shut-in	G	128
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Our Tester: Claude Womack

Witnessed By: Red Reiff



Did Well Flow - Gas No Oil No Water No

RECOVERY IN PIPE: 130' Drilling mud = 0.64 Bbl. (R.W. 3.2 @ 70°F = 1750 ppm. chl.)

1st Flow- Tool opened with blow to bottom of bucket, dead in 3 minutes.
 2nd Flow- Tool opened with blow to bottom of bucket, dead in 2 minutes.

REMARKS:

 Lost approximately 3' of mud in annulus on initial flow period.

 Breakdown of shut-in pressures not practical for Horner Extrapolation.

Operator American Quasar Petroleum Corporation Well Name and No. Putnam #25-1
 1630 Denver Club Bldg.
 Address Denver, Colorado 80202

Ticket No. 2334

Date 9-29-76

No. Final Copies 22

DST No. 1

LYNES, INC.

Fluid Sample Report

Date 9-29-76 Ticket No. 2364
Company American Quasar Petroleum Corporation
Well Name & No. Putnam #23-1 DST No. 1
County Rich State Utah
Sampler No. 18 Test Interval 325-368'
Pressure in Sampler 0 PSIG BHT 86 OF

Total Volume of Sampler: 2100 cc.
Total Volume of Sample: 2100 cc.
Oil: None cc.
Water: None cc.
Mud: 2100-Very slightly gas cut cc.
Gas: -- cu. ft.
Other: None

Resistivity

Water: @ of Chloride Content ppm.
Mud Pit Sample 4.0 @ 70°F of Chloride Content 1400 ppm.
Gas/Oil Ratio Gravity °API @ OF
Where was sample drained On Location

Remarks:
.....
.....
.....
.....

LYNES, INC.

DISTRIBUTION OF FINAL DST REPORTS

Operator American Quasar Petroleum Co. Lease Putnam Well No. 23-1

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1 copy: Patrick Petroleum Co., Suite 1655, Colorado National Bank Bldg., 950 17th St.,
Denver, Colorado 80202 Attn: Jim Nance

Contractor Loffland Bros. Co. Top Choke 1"
 Rig No. 8 Bottom Choke 9/16"
 Spot SE-NW Size Hole 8 3/4"
 Sec. 23 Size Rat Hole --
 Twp. 9 N Size & Wt. D. P. 4 1/2" 16.60
 Rng. 6 E Size Wt. Pipe --
 Field Wildcat I. D. of D. C. 2 1/2"
 County Rich Length of D. C. 375'
 State Utah Total Depth 9280'
 Elevation 6750' "Ground" Interval Tested 9120-9280'
 Formation Phosphoria Type of Test Bottom Hole Conventional

Flow No. 1 -- Min.
 Shut-in No. 1 -- Min.
 Flow No. 2 -- Min.
 Shut-in No. 2 -- Min.
 Flow No. 3 -- Min.
 Shut-in No. 3 -- Min.
 Bottom Hole Temp. --
 Mud Weight --
 Gravity --
 Viscosity --

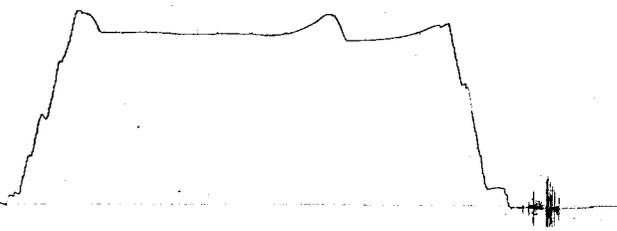
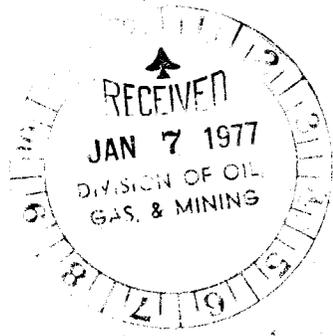
Tool opened @ --

Inside Recorder

PRD Make Kuster AK-1
 No. 1478 Cap. 8100 @ 9130'

	Press	Corrected
Initial Hydrostatic	A	--
Final Hydrostatic	K	--
Initial Flow	B	--
Final Initial Flow	C	--
Initial Shut-in	D	--
Second Initial Flow	E	--
Second Final Flow	F	--
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Our Tester: Perry Eker
 Witnessed By: Red Rieff



Did Well Flow - Gas No Oil No Water No
 RECOVERY IN PIPE: --

MISRUN - Could not keep hole full of fluid, therefore tool was not opened.

REMARKS: -----

Operator American Quasar Petroleum Co. Well Name and No. Putnam #23-1
 Address See Distribution
 Ticket No. 2296
 Date 12-31-76
 DST No. 4
 No. Final Copies 22

LYNES, INC.

DISTRIBUTION OF FINAL DST REPORTS

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1 copy: Patrick Petroleum Co., Suite 1655, Colorado National Bank Bldg., 950 17th St.,
Denver, Colorado 80202 Attn: Jim Nance

K

J

Contractor Loffland Brothers
 Rig No. 8
 Spot SE-NW
 Sec. 23
 Twp. 9 N
 Rng. 6 E
 Field Wildcat
 County Rich
 State Utah
 Elevation 6750' "Ground"
 Formation Nugget

Top Choke 1"
 Bottom Choke 9/16"
 Size Hole 12 1/4"
 Size Rat Hole --
 Size & Wt. D. P. 4 1/2" 16.60
 Size Wt. Pipe --
 I. D. of D. C. 3 1/16"
 Length of D. C. 270'
 Total Depth 3416'
 Interval Tested 3375-3416'
 Type of Test Bottom Hole Conventional

Flow No. 1 10 Min.
 Shut-in No. 1 30 Min.
 Flow No. 2 60 Min.
 Shut-in No. 2 60 Min.
 Flow No. 3 -- Min.
 Shut-in No. 3 -- Min.
 Bottom Hole Temp. 102°F
 Mud Weight 9.3
 Gravity --
 Viscosity 44

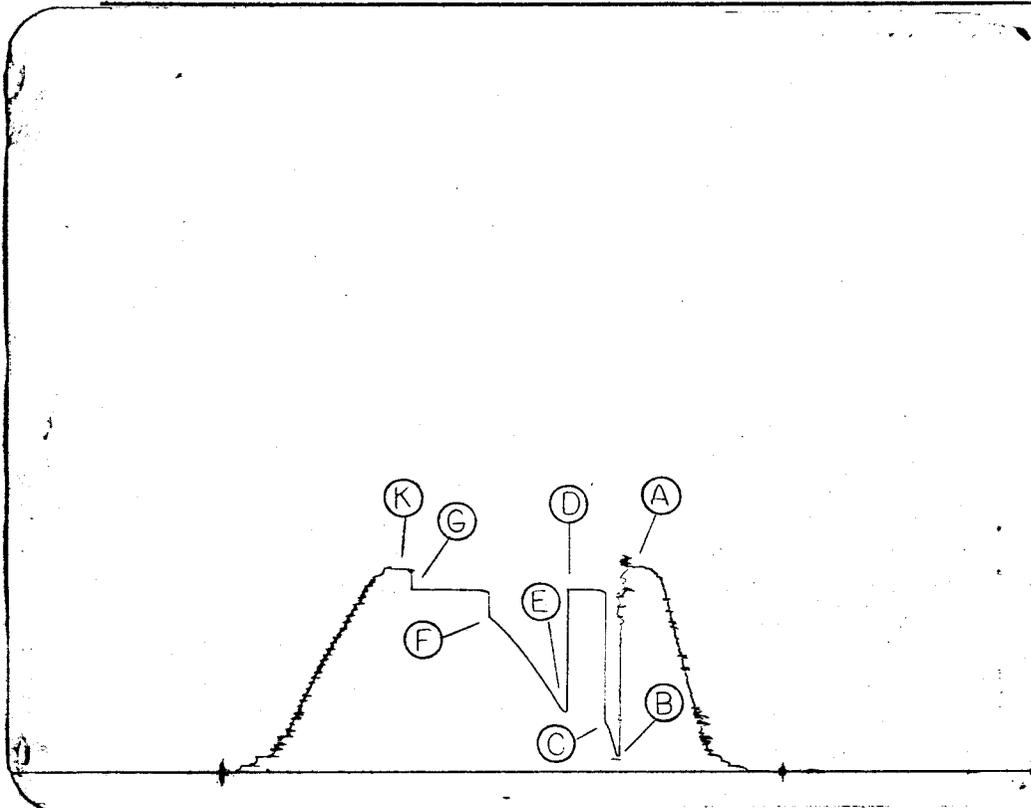
Tool opened @ 3:15 PM.

Inside Recorder

PRD Make Kuster AK-1
 No. 5563 Cap. 6100 @ 3385'

	Press	Corrected
Initial Hydrostatic	A	1644
Final Hydrostatic	K	1626
Initial Flow	B	130
Final Initial Flow	C	400
Initial Shut-in	D	1460
Second Initial Flow	E	487
Second Final Flow	F	1242
Second Shut-in	G	1466
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Our Tester: Gary Fiscus
 Witnessed By: Walt Bauer



Did Well Flow - Gas No Oil No Water No
 RECOVERY IN PIPE: 2785' Muddy water = 38.17 Bbl.

 1st Flow - Tool opened with weak blow, increased to good blow in 3 minutes and remained thru flow period.
 2nd Flow - Tool opened with strong blow, decreased to good blow at end of flow period.

REMARKS:

Operator American Quasar Petroleum Co.
 Address See Distribution
 Well Name and No. Putnam #23-1
 Ticket No. 2315
 Date 10-25-76
 No. Final Copies 18
 DST No. 3

LYNES, INC.

Operator American Quasar Petroleum Lease & No. Putnam #23-1 DST No. 3

Recorder No. 5563 @ 3385'

FIRST SHUT IN PRESSURE:

TIME(MIN) PHI	(T"PHI) /PHI	PSIG
0.0	0.0000	400
3.0	4.3333	1451
6.0	2.6667	1455
9.0	2.1111	1458
12.0	1.8333	1460
15.0	1.6667	1460
18.0	1.5556	1460
21.0	1.4762	1460
24.0	1.4167	1460
27.0	1.3704	1460
30.0	1.3333	1460

EXTRAPLN OF FIRST SHUT IN : 1460.0

SECOND SHUT IN PRESSURE:

TIME(MIN) PHI	(T"PHI) /PHI	PSIG
0.0	0.0000	1242
6.0	12.6667	1457
12.0	6.8333	1458
18.0	4.8889	1459
24.0	3.9167	1460
30.0	3.3333	1461
36.0	2.9444	1462
42.0	2.6667	1463
48.0	2.4583	1464
54.0	2.2963	1465
60.0	2.1667	1466

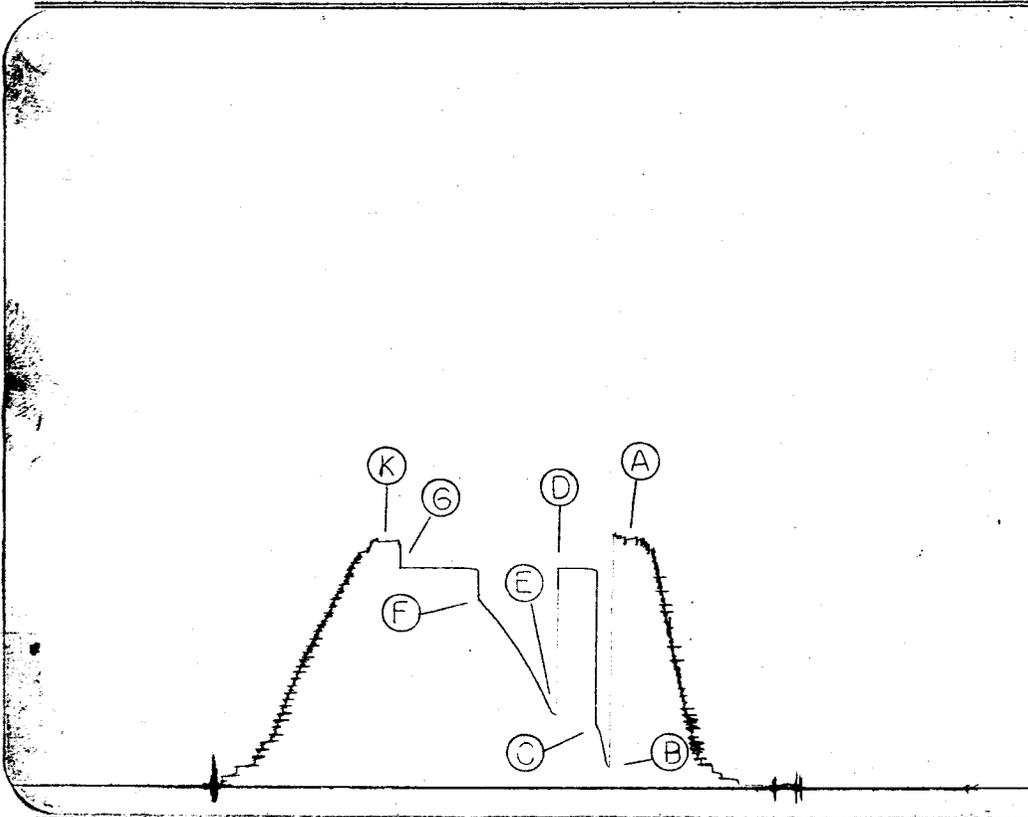
EXTRAPLN OF SECOND SHUT IN : 1476.3 M : 30.6

Extrapolations of reservoir pressures should be used as indicators only.

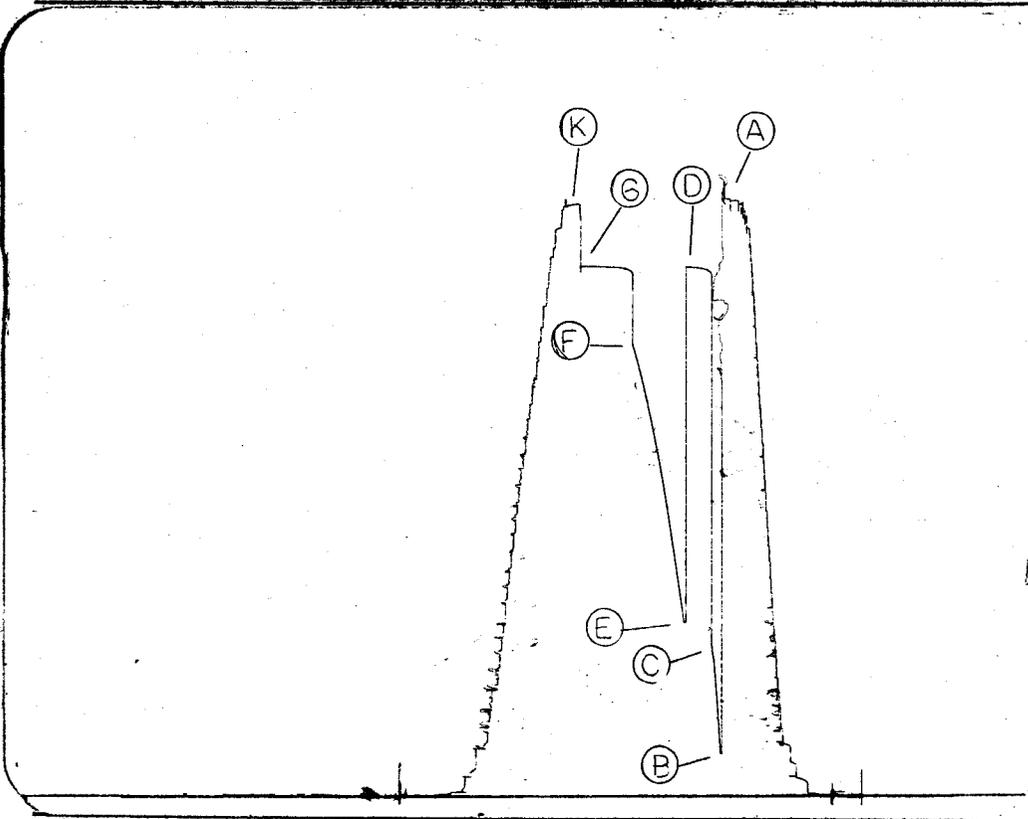
LYNES, INC.

Operator American Quasar Petroleum Lease & No. Putnam #23-1

DST No. 3



Inside Recorder		
PRD Make <u>Kuster AK-1</u>		
No. <u>3812</u> Cap. <u>5100</u> @ <u>3411'</u>		
Press		Corrected
Initial Hydrostatic	A	1645
Final Hydrostatic	K	1630
Initial Flow	B	146
Final Initial Flow	C	425
Initial Shut-in	D	1458
Second Initial Flow	E	488
Second Final Flow	F	1251
Second Shut-in	G	1461
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		



Inside Recorder		
PRD Make <u>Kuster AK-1</u>		
No. <u>4152</u> Cap. <u>2100</u> @ <u>3380'</u>		
Press		Corrected
Initial Hydrostatic	A	1629
Final Hydrostatic	K	1614
Initial Flow	B	115
Final Initial Flow	C	411
Initial Shut-in	D	1443
Second Initial Flow	E	469
Second Final Flow	F	1227
Second Shut-in	G	1448
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		

LYNES, INC.

DISTRIBUTION OF FINAL DST REPORTS

Operator American Quasar Petroleum Co. Lease Putnam Well No. 23-1

Original copy: American Quasar Petroleum Co., 707 United Bank Bldg., Denver, Colorado,
80202 Attn: Clare Gregg

1 copy: American Quasar Petroleum Co., 332 Pacific Western Life Bldg., Casper, Wyoming,
82601 Attn: Bud Hurley

3 copies: American Quasar Petroleum Co., 2500 Fort Worth National Bank Bldg., Fort Worth,
Texas, 76102 Attn: Bill Bogert

1 copy: American Quasar Petroleum Co., 1000 Midland Bank Tower, Midland, Texas 79701
Attn: Herb Ware

2 copies: Utah Oil & Gas Comm., 1588 W. North Temple, Salt Lake City, Utah, 84116

2 copies: U.S.G.S., 8426 Federal Bldg., 125 S. State St., Salt Lake City, Utah, 84111,

3 copies: Amococ Production Co., Security Life Bldg., Denver, Colorado, 80202, Attn: Dick
Walker

2 copies: Louisiana Land & Exploration Co., Western Division, 1500 Denver Club Bldg.,
Denver, Colorado 80202 Attn: Jim Anderson

2 copies: Gulf Energy & Minerals Co. US., Box 2619, Casper, Wyoming, 82602, Attn: Dick
Mathews

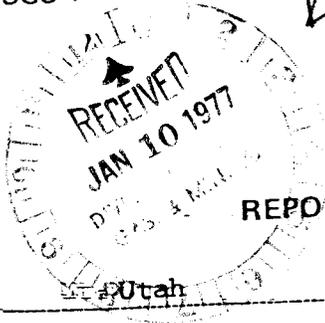
3 copies: W.R. Grace & Co., 2925 L.B.J. Freeway, Dallas, Texas, 75234 Attn: Lee Boice

1 copy: Patrick Petroleum Corporation of Michigan, 744 W. Michigan Ave., Jackson,
Montana, Attn: John Orr

1 copy: Patrick Petroleum Corporation of Michigan, 412 Lincoln Tower Bldg., 1860 Lincoln
St., Denver, Colorado 80203, Attn: Jim Nance

(10)

Form DOGC-4



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. FEE Federal Lease No. Indian Lease No. Fee & Pat.

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Rich FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of: November 1976

Agent's Address 707 United Bank Tower 1700 Broadway Denver, CO 80290 Phone No. 303/861-8437

Company American Ogasan Petroleum Co. Signed A. H. Hurley Title Division Operations Manager

Table with 10 columns: 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. Row 1: Sec 2 SE/4 NW/4 Putnam, 9N, 6E, 23-1, Drlg. @ 5565' Ran 9 5/8" csg. CS-4612

Gas Sold 0 Flared/Vented 0 Used on/off Lease 0

NOTE: There were 0 runs or sales of oil; 0 M. cu. ft. of gas sold; 0 runs or sales of gasoline during the month.

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.

Contractor Loffland Bros. Co.
 Rig No. 8
 Spot SE-NW
 Sec. 23
 Twp. 9 N
 Rng. 6 E
 Field Wildcat
 County Rich
 State Utah
 Elevation 6750' Ground
 Formation Montoyah

Top Choke 1/8"
 Bottom Choke 9/16"
 Size Hole 8 3/4"
 Size Rat Hole --
 Size & Wt. D. P. 4 1/2" 16.60
 Size Wt. Pipe --
 I. D. of D. C. 2 1/2"
 Length of D. C. 445'
 Total Depth 9310'
 Interval Tested 9120-9310'
 Type of Test Bottom Hole Conventional

Flow No. 1 10 Min.
 Shut-in No. 1 60 Min.
 Flow No. 2 60 Min.
 Shut-in No. 2 120 Min.
 Flow No. 3 -- Min.
 Shut-in No. 3 -- Min.
 Bottom Hole Temp. 160°F
 Mud Weight 8.8
 Gravity --
 Viscosity 44

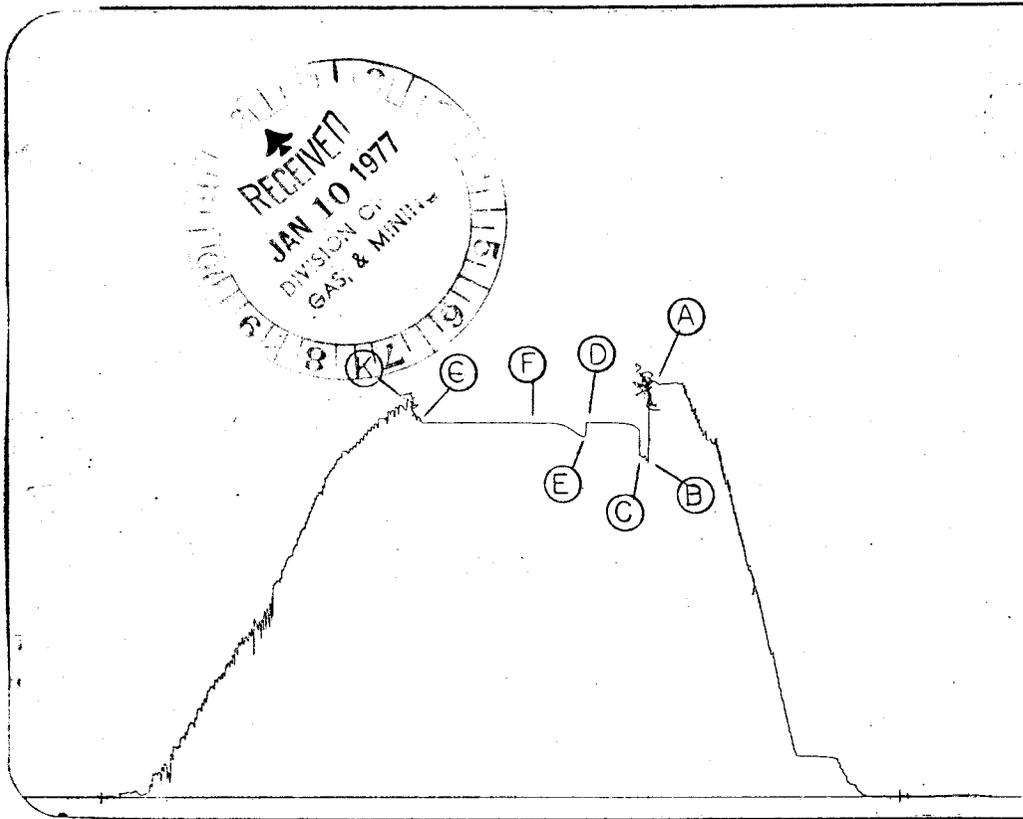
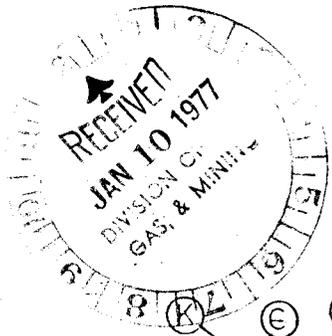
Tool opened @ 1:05 AM.

Inside Recorder

PRD Make Kuster AK-1
 No. 973 Cap. 7900 @ 9130'

	Press	Corrected
Initial Hydrostatic	A	4238
Final Hydrostatic	K	3986
Initial Flow	B	3456
Final Initial Flow	C	3503
Initial Shut-in	D	3846
Second Initial Flow	E	3702
Second Final Flow	F	3842
Second Shut-in	G	3846
Third Initial Flow	H	---
Third Final Flow	I	---
Third Shut-in	J	---

Our Tester: George Baucom
 Witnessed By: Red Rieff



Did Well Flow - Gas No Oil No Water No

RECOVERY IN PIPE: 8845' Total Fluid (ran 20 gal. ammonia, 20 gal. inhibitor, 60 gal water)
 900' Drilling fluid = 12.78 bbl.
 7945' Sulfur water = 108.68 bbl.

REMARKS: 1st Flow - Tool opened with a fair blow, increased to bottom of bucket in 45 seconds. Had 6.5 psig on a 1/8" orifice at end of flow period.
 2nd Flow - Tool opened with a fair blow, increased to bottom of bucket in 30 seconds. Increased to 34 psig. on 1/8" orifice in 35 minutes, decreased to 11 psig on 1/8" orifice at end of flow period.

Operator American Quasar Petroleum Co.
 Well Name and No. Putnam #23-1
 Address See Distribution
 Ticket No. 2298
 Date 1-2-77
 No. Final Copies 22
 DST No. 5

LYNES, INC.

Operator American Quasar Petroleum Co. Lease & No. Putnam #23-1 DST No. 5

Recorder No. 973 @ 9130'

FIRST SHUT IN PRESSURE:

TIME(MIN) PHI	(T"PHI) /PHI	PSIG
0.0	0.0000	3503
6.0	2.6667	3810
12.0	1.8333	3828
18.0	1.5556	3836
24.0	1.4167	3844
30.0	1.3333	3845
36.0	1.2778	3846
42.0	1.2381	3846
48.0	1.2083	3846
54.0	1.1852	3846
60.0	1.1667	3846

EXTRAPLN OF FIRST SHUT IN : 3846.0

SECOND SHUT IN PRESSURE:

TIME(MIN) PHI	(T"PHI) /PHI	PSIG
0.0	0.0000	3842
12.0	6.8333	3843
24.0	3.9167	3844
36.0	2.9444	3845
48.0	2.4580	3846
60.0	2.1667	3846
72.0	1.9722	3846
84.0	1.8333	3846
96.0	1.7292	3846
108.0	1.6481	3846
120.0	1.5833	3846

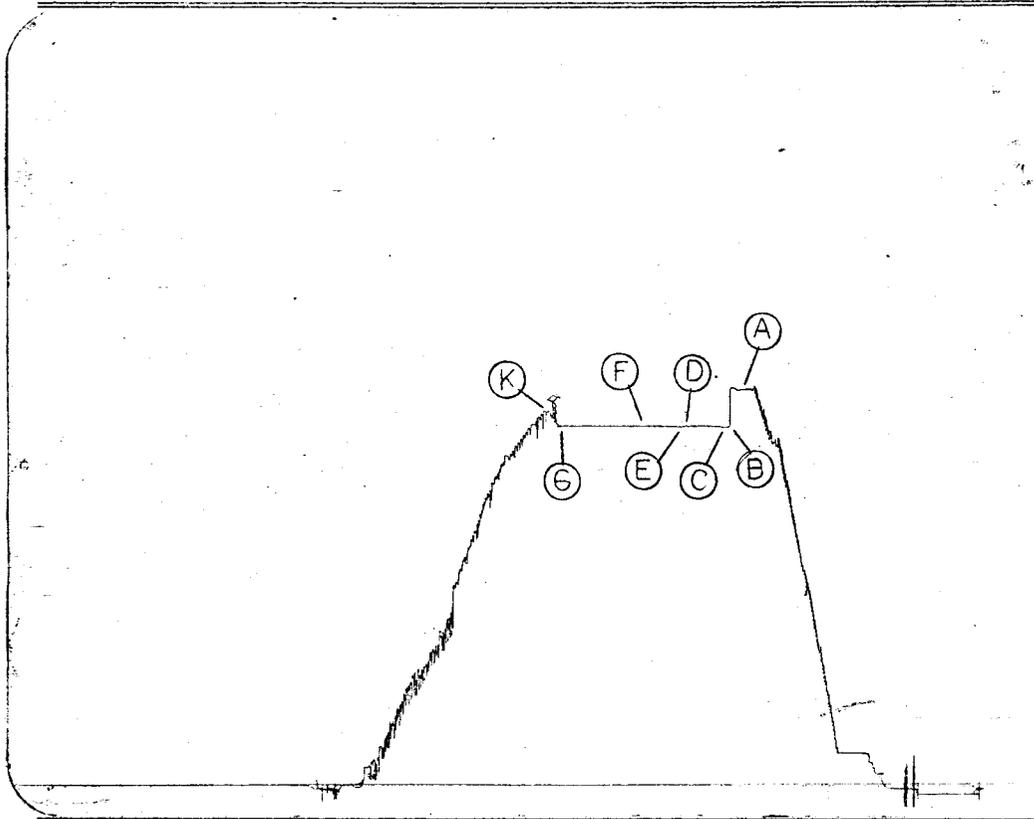
EXTRAPLN OF SECOND SHUT IN : 3846.0 M : 0.2

Extrapolations of reservoir pressures should be used as indicators only.

LYNES, INC.

Operator American Quasar Petroleum Co. Lease & No. Putnam #23-1

DST No. 5



Outside Recorder

PRD Make Kuster AK-1
 No. 1478 Cap. 8100 @ 9145'
 Press Corrected

	Press	Corrected
Initial Hydrostatic	A	4223
Final Hydrostatic	K	4000
Initial Flow	B	3838
Final Initial Flow	C	3826
Initial Shut-in	D	3846
Second Initial Flow	E	3834
Second Final Flow	F	3842
Second Shut-in	G	3846
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Pressure Below Bottom
Packer Bled To

PRD Make _____
 No. _____ Cap. _____ @ _____
 Press Corrected

	Press	Corrected
Initial Hydrostatic	A	
Final Hydrostatic	K	
Initial Flow	B	
Final Initial Flow	C	
Initial Shut-in	D	
Second Initial Flow	E	
Second Final Flow	F	
Second Shut-in	G	
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	

Pressure Below Bottom
Packer Bled To

LYNES, INC.

Fluid Sample Report

Date 1-2-77 Ticket No. 2298
Company American Quasar Petroleum Co.
Well Name & No. Putnam #23-1 DST No. 5
County Rich State Utah
Sampler No. -- Test Interval 9120-9310'

Pressure in Sampler 0 PSIG BHT 160 OF

Total Volume of Sampler: 2100 cc.
Total Volume of Sample: 1800 cc.
Oil: None cc.
Water: 1800 R.W. 0.9 @ 68°F = 6800 ppm. chl. cc.
Mud: None cc.
Gas: None cu. ft.
Other: None

Resistivity

Water: @ of Chloride Content ppm.

Mud Pit Sample 0.85 @ 62°F of Chloride Content 8000 ppm.

Gas/Oil Ratio Gravity °API @ OF

Where was sample drained On location.

Remarks:

.....
.....
.....
.....
.....
.....

LYNES, INC.

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Operator American Quasar Petroleum Co. Lease Putnam Well No. 23-1

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Montana, Attn: John Orr

1 copy: Patrick Petroleum Co., Suite 1655, Colorado National Bank Bldg., 950 17th St.,
Denver, Colorado 80202 Attn: Jim Nance

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. FED
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

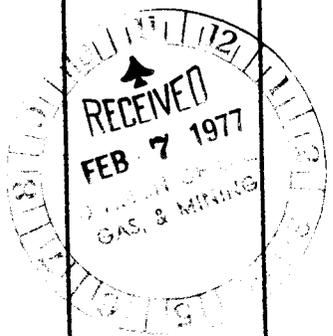
STATE Utah COUNTY Rich FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
December, 19 76.

Agent's Address 707 United Bank Tower
1700 Broadway
Denver, CO 80290
Phone No. 303/861-8437

Company American Omasan Petroleum Co.
Signed [Signature]
Title A. H. Hurley
Division Operations Manager

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 and result of test for gasoline content of gas)
Sec 2 3 SE/4 NW/4 Putnam	9N	6E	23-1							Drilg. @ 9299'



Gas Sold 0
Flared/Vented 0
Used on/off Lease 0

NOTE: There were 0 runs or sales of oil; 0 M. cu. ft. of gas sold;
0 runs or sales of gasoline during the month.

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

10

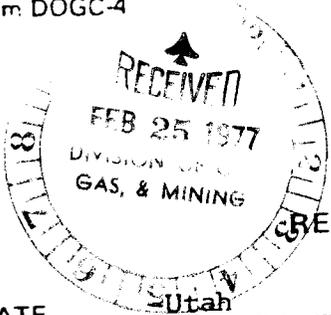
Form DOGC-4

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. FEE
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. _____



REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Rich FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
January, 19 77.

Agent's Address 707 United Bank Tower
1700 Broadway
Denver, CO 80290
Phone No. 303/861-8437

Company American Ogasan Petroleum Co.
Signed [Signature]
Title A. H. Hurley
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 2 3 SE/4 NW/4 Putnam	9N	6E	23-1							Drig. @ 13,055' DST #5 9120-9310' Ran logs
										Gas Sold _____ 0 Flared/Vented _____ 0 Used on/off Lease _____ 0

NOTE: There were 0 runs or sales of oil; 0 M. cu. ft. of gas sold;
0 runs or sales of gasoline during the month.

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.

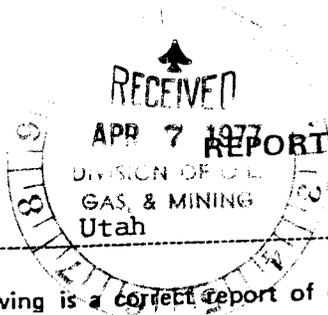
10

Form DOGC-4

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

State Lease No. FEI
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. _____

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



REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Rich FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
February, 19 77

Agent's Address 707 United Bank Tower
1700 Broadway
Denver, CO 80290
Phone No. 303/861-8437

Company American Oquasan Petroleum Co.
Signed A. H. Hurley
Title Division Operations Manager

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 2 3 SE/4 NW/4 Putnam	9N	6E	23-1							TD 14,183' Ran logs Well P & A 2-14-77
										Gas Sold <u>0</u> Flared/Vented <u>0</u> Used on/off Lease <u>0</u>

NOTE: There were 0 runs or sales of oil; 0 M. cu. ft. of gas sold;
0 runs or sales of gasoline during the month.

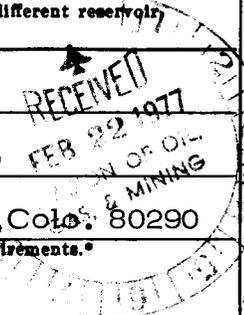
DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED IN DUPLICATE.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT TRIPLICATE*
(Other instructions on reverse side)

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. (Fee)	
2. NAME OF OPERATOR American Quasar Petroleum Co. of New Mexico		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 707 United Bank Center, 1700 Broadway, Denver, Colo. 80290		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FNL & 2345' FWL Sec. 23, T. 9N, R. 6E, SLM		8. FARM OR LEASE NAME Putnam	
14. PERMIT NO.		9. WELL NO. #23-1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6750' GR		10. FIELD AND POOL, OR WILDCAT (Wildcat)	
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA 23-9N-6E	
		12. COUNTY OR PARISH Rich	13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL 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.)*

Plugged well, per verbal approval on Feb. 12, 1977, from Patrick L. Driscoll, Chief Petr. Engr., Div. of Oil, Gas & Mining, as follows:

963' of 13-3/8" csg. cemented to surface -- 10-sk Class G plug @ surface w/4" dry hole marker.

4612' of 9-5/8" csg. cemented to 2200'.

100-sk Class G plug squeezed between 13-3/8" & 9-5/8" csg.

8-3/4" hole drld. from 4612' to 14,183'.

100-sk Class G plug - 4,500- 4,700' below Howco retainer (half in & half out of surf. pipe)	APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
50-sk Class G plug - 7,235- 7,335'	DATE: Feb. 23, 1977
50-sk " " " - 8,990- 9,090'	BY: P. L. Driscoll
50-sk " " " - 10,100-10,200'	
50-sk " " " - 13,500-13,600'	

Job completed 2/16/77.

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

SIGNED John F. Sindelar TITLE Div. Drlg. Supt. DATE 2/17/77
 (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, AND MINING

PI 6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO. Fee 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Putnam 9. WELL NO. 23-1 10. FIELD AND POOL, OR WILDCAT Wildcat 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 23-9N-6E

1a. TYPE OF WELL: OIL WELL [] GAS WELL [] DRY [X] Other []

b. TYPE OF COMPLETION: NEW WELL [] WORK OVER [] DEEP-EN [] PLUG BACK [] DIFF. RESVR. [] Other P & A

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

3. ADDRESS OF OPERATOR 707 United Bank Tower, 1700 Broadway, Denver, CO 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 2345' FWL Sec. 23, T9N, R6E, SLM At top prod. interval reported below Same At total depth Same

14. PERMIT NO. API 43-033-30002 DATE ISSUED 10-13-76

12. COUNTY OR PARISH Rich 13. STATE Utah

15. DATE SPUNDED 9/28/76 16. DATE T.D. REACHED 2/11/77 17. DATE COMPL. (Ready to prod.) P&A 2/14/77 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6750' GR 19. ELEV. CASINGHEAD NA

20. TOTAL DEPTH, MD & TVD 14,183' 21. PLUG, BACK T.D., MD & TVD NA 22. IF MULTIPLE COMPL., HOW MANY* NA 23. INTERVALS DRILLED BY 0-TD ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* NA 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, CND, CBL, Dipmeter, FDC Neutron, BHC-Sonic GR, wireline, velocity survey 27. WAS WELL CORRED No

Table with 5 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 13 3/8" 54.5# 963' 17 1/2" 1000 SX and 9 5/8" 4612' 12 1/4" 1000 SX.

Table with 2 main sections: LINER RECORD and TUBING RECORD. LINER RECORD columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*. TUBING RECORD columns: SIZE, DEPTH SET (MD), PACKER SET (MD). Values are mostly NA.

Table with 2 main sections: PERFORATION RECORD and ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. PERFORATION RECORD columns: INTERVAL, SIZE AND NUMBER. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED. Values are mostly NA.

Table with 2 main sections: PRODUCTION and FLOW, TUBING PRESS. PRODUCTION columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS. FLOW, TUBING PRESS. columns: CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL GRAVITY-API (CORR.). Values are mostly NA.

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

35. LIST OF ATTACHMENTS DST Results and Log Tops (1 page)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED [Signature] TITLE Division Operations Manager DATE 6-8-77

*(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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			SEE ATTACHMENT
GEOLOGIC MARKERS			
NAME	MEAS. DEPTH	TOP	NUM VERT. DEPTH

ATTACHMENT - PUTNAM 23-1
COMPLETION REPORT

- DST #1 325-368' TO w/strong blow for 3", died; 2nd 0 w/strong blow for 2", died. IHP 131, IFP 63/94, ISIP 131; 2nd. F 105/105, FSIP 120; rec 160' drlg. mud. BHT 86°
- DST #2 2600-2720' TO 10" w/good blow, incr to strong; SI 30"; TO 60" w/strong blow reaming constant thruout; SI 60". Rec 1850' MC wtr. IHP1231; IFP 114/229; ISIP 1125; FFP 312/764; FSIP 1125; FHP 1210; BHT 71°
- DST #3 3375-3416' TO 10" w/good blow; SI 30"; TO 60" w/strong blow; SI 60". Rec 2785' formation wtr. IHP 1641; IFP 126/465; ISIP 1445; FFP 475/1233; FSIP 1450; FHP 1636; BHT 102° F.
- DST #4 9120-9310' TO 10' w/fair blow, incr to good blow in 1"; SI 60"; TO 60" w/good blow; SI 120". Rec. 8845' fluid: 900' WC drlg mud & 7945' brackish wtr. IHP 4232; IFP 3112/3433; ISIP 3852; FFP 3712/3852; FSIP 3852; FHP 4152; BHT 160° F.

<u>Formation</u>	<u>Log Top</u>
Tertiary	Surface
Twin Creek	230'
Leeds Creek Member	1,230'
Walton Canyon	1,952'
Boundary Ridge	2,310'
Rich	2,460'
Sliderock	2,878'
Gypsum Springs	3,170'
Nugget	3,408'
Ankareh	4,615'
Thaynes	6,100'
Woodside	7,975'
Dinwoody	8,700'
Phosphoria (Permian)	9,002'
Wells	9,564'
Brazer (Mississippian)	10,060'
Three Forks (Devonian)	12,118'
Jefferson (Devonian)	12,617'
Water Canyon (Devonian)	12,823'
Laketown (Silurian)	13,161'
Fish Haven Dolomite (Ordovician)	13,981'



CALVIN L. RAMPTON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
May 16, 1977

OIL, GAS, AND MINING BOARD

GUY N. CARDON
Chairman

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

American Quasar Petroleum Co.
707 United Bank Tower
1700 Broadway
Denver, Colorado 80290

Re: Well No. Hoffman #1
Sec. 31, T. 11N, R. 7E
Rich County, Utah
Well No. Putnam 23-1
Sec. 23, T. 9N, R. 6E
Rich 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

FORM OGC-8-X
FILE IN QUADRUPLICATE

Legal

AMERICAN QUASAR PETROLEUM CO.
Putman No. 23-1
Sec. 23 T9N R6E
Rich County, Utah

KMY
Mike
Jim

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

CIRCULATE TO:
DIRECTOR
PETROLEUM ENGINEER
MINE COORDINATOR
ADMINISTRATIVE ASSISTANT
ALL
RETURN TO Kathy Avila FOR FILING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Putman # 23-1
Operator American Quasar Petrol. Co.
Address 707 United Bank Bldg., Denver, Colo. 80202
Contractor Loffland Brothers Co., Rig # 8
Address Box 3000, Casper, Wyo. 82601
Location SE 1/4, NW 1/4, Sec. 23; T. 9 N; R. 6 E; Rich County

Water Sands:

	Depth: From- To-	Volume: Flow Rate or Head-	Quality: Fresh or salty-
1.	<u>3398 - 3445'</u>	<u>200 Barrels/hour</u>	<u>Fresh</u>
2.	<u>DST # 3 - 3375 - 3416</u>		
3.	<u>Rec'd - 2,785 Ft. Muddy water</u>		
4.	<u>400 Drill pipe - 4 1/2"</u>		
5.			

(continue on reverse side if necessary)

~~Water 230'~~, Nugget - 3398', Top

Formation Tops:

- 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.

FORM OGC-8-X
FILE IN QUADRUPPLICATE

AMERICAN QUASAR PETROLEUM CO.
Putman No. 23-1
Sec. 23 T9N R6E
Rich County, Utah

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number _____

Operator _____

Address _____

Contractor _____

Address _____

Location ___ 1/4, ___ 1/4, Sec. ___; T. ___ N; R. ___ E; ___ County
S W

Water Sands:

Depth:		Volume:	Quality:
From-	To-	Flow Rate or Head-	Fresh or salty-

1.	DST#14 -	8,845' in 4 1/2"	Saltier - fresh
2.	9120 - 9310	Drill pipe	
3.			
4.			
5.			

(continue on reverse side if necessary)

Formation Tops:

Top - 9090
Phosphoria ~~middle~~

- 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, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number _____

Operator _____

Address _____

Contractor _____

Address _____

Location ___ 1/4, ___ 1/4, Sec. ___; T. ___ N; R. ___ E; ___ County
S W

Water Sands:

Depth: From- _____ To- _____ Volume: Flow Rate or Head- _____ Quality: Fresh or salty-

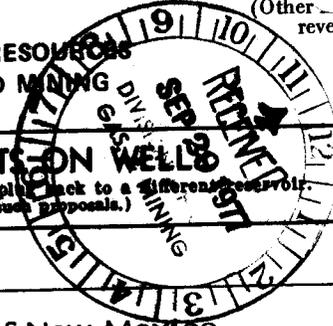
1.	2600-2720	Rec: 1,750 ft. incl	Fresh
2.	DST # 2	4 1/2" Drill pipe	
3.	Turner		
4.		<u>No water Supl.</u>	
5.			

(continue on reverse side if necessary)

Formation Tops: Top Rich Member - 2468
Gypsum Springs - 3170

- 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, GAS, AND MINING



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 GAS WELL OTHER Dry

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

3. ADDRESS OF OPERATOR
380 Pacific Western 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
1980' FNL & 2345' FWL Sec. 23, T. 9N, R. 6E, SLM

5. LEASE DESIGNATION AND SERIAL NO.
(Fee)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Putnam

9. WELL NO.
23-1

10. FIELD AND POOL, OR WILDCAT
(Wildcat)

11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA
23-9N-6E

12. COUNTY OR PARISH
Rich

13. STATE
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether SF, ST, OR, etc.)
6750' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input checked="" type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(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.)*

This location has been backfilled and rehabilitated to landowner's satisfaction and is now ready for inspection.

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

SIGNED John F. Sindelar TITLE Division Dirg. Supt. DATE 9/27/77

(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, AND MINING

3. LEASE DESIGNATION AND SERIAL NO.
(Fee)

6. IF INDICATED, ALLOTTED OR TRUSS NAME

7. UNIT AGREEMENT NAME

8. NAME ON LEASE RECORD
Putnam

9. WELL NO.
23-1

10. FIELD AND FOOT, OR WILDCAT
(Wildcat)

11. T. 23, S. 6, E. 6E AND
SECTION OR AREA
23-9N-6E

12. COUNTY OR PARISH 13. STATE
Rich Utah

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 GAS WELL OTHER Dry

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

3. ADDRESS OF OPERATOR
330 Pacific Western 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
1980' FNL & 2345' FWL Sec. 23, T. 9N, R. 6E, SLM

14. PERMIT NO.

15. DEVIATIONS (Show whether 2D, 3D, etc.)
6750' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL 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 STABILIZATION <input type="checkbox"/>	ABANDONING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent data, 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 names pertinent to this work.)*

This location has been backfilled and rehabilitated to landowner's satisfaction and is now ready for inspection.

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SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 9/27/77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____