

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL  DEEPEN  PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

Federal Utah 019528

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

U.S.A. Pexco

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat *Way*

11. SEC., T., R., M., OR BLK.

Burr Desert Area  
Sec. 19-30S-12E, 31E

12. COUNTY OR PARISH

Wayne

13. STATE

Utah

b. TYPE OF WELL

OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR

Amerada Petroleum Corporation

3. ADDRESS OF OPERATOR

P. O. box 1469, Durango, Colorado

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

At surface NW/4 NW/4, 660' FNL & 647' FWL, Sec. 19-30S-12E, Wayne County, Utah.

At proposed prod. zone

Projected to 6200' or 200' into Miss. - Wildcat

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

10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

513.76

17. NO. OF ACRES ASSIGNED TO THIS WELL

To be determined

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

19. PROPOSED DEPTH

6200'

20. ROTARY OR CABLE TOOLS

Rotary

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

Ungraded GR - 4880'

22. APPROX. DATE WORK WILL START\*

9/27/67

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.30# H-40	400'	Sufficient to Circulate ✓
8-3/4"	4 1/2" or 5 1/2"	11.60# or 15.5#	6200'	" " Protect Pay Zone

Blowout preventer program: Adequate as required. ✓

*43-055-20375*

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.

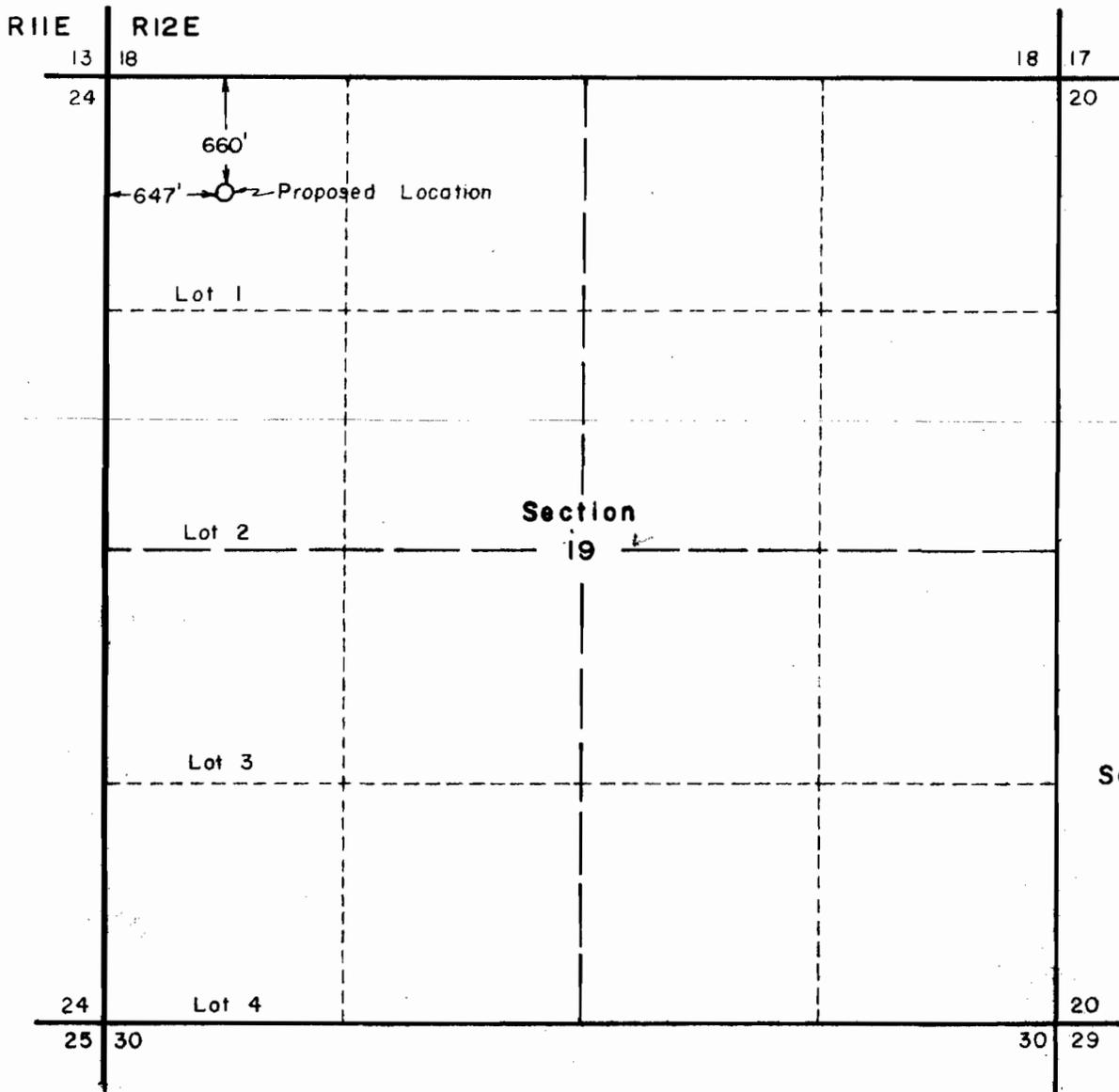
24. SIGNED [Signature] TITLE Foreman DATE 9/11/67

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



**WELL LOCATION: AMERADA PETROLEUM CORP. U.S.A. PEXCO NO. 1**

Located 660 feet South of the North line and 647 feet East of the West line of Section 19  
 Township 30 South, Range 12 East, Salt Lake Base & Meridian  
 Wayne County, Utah  
 Existing ground elevation determined at 4880 feet based on U.S.G.S. datum.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

*Frederick H. Reed*

FREDERICK H. REED  
 Registered Land Surveyor  
 State of Utah # 2689



AMERADA PETROLEUM CORP Durango, Colorado	
<b>WELL LOCATION PLAT</b>	
Sec. 19, T 30S, R 12E, SLM.	
Wayne Co., Utah	
CLARK-REED & ASSOC. Durango, Colorado	DATE: June 27, 1967 FILE NO: 67054

McDann Lu se 9-26-67 pined and stated that 390' of 9 5/8" surface casing + circulated the cement from top to bottom. Spudded 9-25-67. Follow <sup>4 1/2 miles</sup> 95 SE <sup>towards</sup> ~~Hight~~ <sup>6 20 South of Hanksville</sup> crossing 14 miles then turn to right at sign that says to Granite Ranch follow for 2 mile turn right on new road to well.

Released 6-23-68

<b>FILE NOTATIONS</b>	
Entered in NID File <input checked="" type="checkbox"/>	Checked by Chief <u>PMO</u>
Entered On S R Sheet <input type="checkbox"/>	Copy NID to Field Office <input type="checkbox"/>
Location Map Pinned <input checked="" type="checkbox"/>	Approval Letter <u>9-14-67</u>
Card Indexed <input checked="" type="checkbox"/>	Disapproval Letter <input type="checkbox"/>
I W R for State or Fee Land <input type="checkbox"/>	
<b>COMPLETION DATA:</b>	
Date Well Completed <u>11-28-67</u>	Location Inspected <input type="checkbox"/>
OW <input type="checkbox"/> WW <input type="checkbox"/> TA <input type="checkbox"/>	Bond released <input type="checkbox"/>
GW <input type="checkbox"/> OS <input type="checkbox"/> PA <input checked="" type="checkbox"/>	State of Fee Land <input type="checkbox"/>
<b>LOGS FILED</b>	
Driller's Log <u>12-7-67</u>	
Electric Logs (No. ) <u>2</u>	
E <input type="checkbox"/> I <input type="checkbox"/> E-I <u>2</u> GR <input type="checkbox"/> GR-N <input type="checkbox"/> Micro <input type="checkbox"/>	
Lat <input type="checkbox"/> Mi-L <input type="checkbox"/> Sonic <input type="checkbox"/> Others <input type="checkbox"/>	

Subsequent Report of abandonment

September 14, 1967

Amerada Petroleum Corporation  
P. O. Box 1469  
Durango, Colorado

Re: Well No. U. S. A. Texco #1,  
Sec. 19, T. 30 S., R. 12 E.,  
Wayne County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted.

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

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

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

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

September 14, 1967

The API number assigned to this well is 43-055-20290 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FREIGHT  
DIRECTOR

CBF:sc

cc: U. S. Geological Survey  
Rodney Smith, District Engineer  
8416 Federal Building  
Salt Lake City, Utah 84111

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Federal Utah 019528**

6. 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.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Amerada - Texaco  
U.S.A. - Pance**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**Burr Desert Area  
Sec. 19-308-12E., 31M**

12. COUNTY OR PARISH

**Wayne**

13. STATE

**Utah**

1. OIL WELL  GAS WELL  OTHER  **Wildcat**

2. NAME OF OPERATOR

**Amerada Petroleum Corporation**

3. ADDRESS OF OPERATOR

**P. O. Box 1469, Durango, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface

**NW/4 NW/4, 640' FWL & 647' FWL, Sec. 19-308-12E.,  
Wayne County, Utah**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**Ungraded GR - 4880'**

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\*

**9-5/8" casing setting**

(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.)\*

**9/25/67**

**Spudded 12-1/4" hole at 11:00 A.M., 9/25/67.  
Ran (12) jcs. 9-5/8" OD 32.306 8-RT K-40 K-2 SS Cag.  
STLC Nov, Sat at 396; W/Larkin Texas Pattern  
Shoe on btn. and (1) Larkin Centralizer at 363'.  
Halliburton circulated & cemented 9-5/8" OD Cag. w/200  
sacks of regular cement w/2% C.C. Pumped plug to 363', plug  
down at 9:30 P.M. 9/25/67. Cement Circulated.  
Waiting on cement and nipping up.**

**9/26/67**

**Tested 9-5/8" OD Cag. w/1000# Press., for 30 minutes- Held o.k.**

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

SIGNED

TITLE

**Foreman**

DATE

**9-27-67**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



AMERADA PETROLEUM CORPORATION  
WELL NO. U. S. A. PEXCO #1  
WAYNE COUNTY, UTAH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIP DATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Federal Utah 019528**

6. 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 <b>Wildcat</b>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR <b>Amerade Petroleum Corporation</b>		8. FARM OR LEASE NAME <b>Amerade - Texaco U.S.A. Penco</b>
3. ADDRESS OF OPERATOR <b>P. O. Box 1469, Durango, Colorado</b>		9. WELL NO. <b>1</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>NE/4 NW/4, 660' FWL &amp; 647' FWL, Section 19-308-12E, Wayne County, Utah</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>DF - 4890'</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Burr Desert Area Sec. 19-308-12E., 51M</b>
		12. COUNTY OR PARISH <b>Wayne</b>
		13. STATE <b>Utah</b>

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 type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	<b>D.S.T. #1 &amp; #2</b>	
(Other) <input type="checkbox"/>		(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.)\*

**9-30-67 - D.S.T. #1** Tested from 2711' to 2772', 1 hr. & 5 min. test, 4-1/2" DF, no water cushion, 3/4" btm. & 1" top choke. Opened tool, had a weak string of bubbles for 5 min. & died. Closed tool & pulled packers loose, recovered 3' of drig. mud, no shows of oil, gas or water. IHP 1399#, IVP 21#, FVF 21#, FWP 1399# Btm. hole Temp. 90°.

**D.S.T. #2** Tested from 2772' to 2830', 1 hr & 3 min. test, 4-1/2" DF, no water cushion 3/4" btm. & 1" top choke. Opened tool, had a weak blow of air & died in 3 min. Closed tool for 90 min. IHP. Pulled packers loose, recovered 2' drig. mud, no shows of oil, gas or water. IHP 1378#, IVP 11#, FVF 11#, 90 min. 11# & FWP 1378# Btm. Hole Temp. 90°

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

SIGNED [Signature] TITLE **Foreman** DATE **10-2-67**

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Federal Utah 019528**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Amarada - Totabe  
U.S.A. Fence**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

11. SEC., T. R., M., OR BLK. AND SURVEY OR AREA  
**Burr Desert Area  
Sec. 19-308-12K, SLM**

12. COUNTY OR PARISH

**Wayne**

13. STATE

**Utah**

1.

OIL WELL  GAS WELL  OTHER **Wildcat**

2. NAME OF OPERATOR

**Amarada Petroleum Corporation**

3. ADDRESS OF OPERATOR

**P. O. Box 1469, Durango, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface

**W1/4 W1/4, 640' FWL & 647' FWL, Sec. 19-308-12K,  
Wayne County, Utah.**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**DF - 4890'**

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\*

**D.S.T. #3 & #4**

**X**

(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.)\*

**10-1-67 - D.S.T. #3**

**Tested from 2856' to 2895', 1 hr. & 3 min. test, 4-1/2" DP, no water cushion, 3/4" btm. & 1" top chks. Opened tool very weak string of bubbles immediately & died in 3 min. Closed tool for 90 min. NHP. Pulled packers loose, recovered 3' clean drig. mud. No show of oil, gas or water. IHP 1416, IFF 100, FFF 100, 10 min. NHP 100, 20 min. 100, 30 min. 210, 40 min. 210, 50 min. 310, 60 min. 420, 70 min. 520, 80 min. 520, 90 min. 620 & FFF 14000.**

**D.S.T. #4**

**Tested from 2900' to 2933', 2 hrs. & 15 min. Test, 4-1/2" DP, no water cushion, 3/4" btm. & 1" top chks. Opened tool, had a strong blow of air immediately & decreased & died, in 1 hr. & 15 min. Closed tool for 90 min. NHP. Pulled packers loose, recovered 1965' as follows: 90' drig. mud with specks of brown oil, 270' muddy water with very light scum of oil, 1609' of slightly salty water (8.40) brackish with sulfur odor. No show of gas. IHP 14000, IFF 1770, FFF 9030 90 min. NHP 9030 & FFF 14000.**

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

SIGNED

TITLE **Foreman**

DATE **10-2-67**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN REVERSE SIDE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Federal Utah 019528**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Amaral-Tenace  
U.S.A. Pance**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Burr Desert Area  
Sec. 19-30S-12E., 5LM**

12. COUNTY OR PARISH 13. STATE  
**Wayne Utah**

1. OIL WELL  GAS WELL  OTHER  **Wildcat**

2. NAME OF OPERATOR  
**Amaral Petroleum Corporation**

3. ADDRESS OF OPERATOR  
**P. O. Box 1469, Durango, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**NW/4 NW/4, 660' FWL & 647' FWL., Sec. 19-30S-12E.  
Wayne County, Utah**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**DF - 4890'**

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) **D.S.T. #5**

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.)\*

**10-5-67 D.S.T. #5**

**Tested from 3574' to 3615', 4 hr. test, 4-1/2" DP, 3/4" btm. & 1" top choka. Opened tool, had a weak blow of air immediately, decreased to very weak blow at end of 4 hrs. Closed tool, recovered 180' of drlg. mud & 1725' slightly muddy water (8.5¢) per gal., with slight sulphur odor. No show of oil or gas. IHP 1724¢, IFF 62¢, FFF 810¢, 10 min. BHP 1048¢, 90 min. BHP 1048¢ & FFF 1724¢. Btm. Hole Temp. 92 Deg.**

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

SIGNED

TITLE

**Field Clerk**

DATE

**10/9/67**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLI  
(Other instructions  
verse side)

E\*  
re-

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Federal Utah 019328**

6. 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.)

7. UNIT AGREEMENT NAME

8. FIRM OR LEASE NAME

**Amerada - Tonaco  
U.S.A. Petro**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**Bar Desert Area  
Sec. 19-308-12E, 51M**

12. COUNTY OR PARISH

**Wayne**

13. STATE

**Utah**

1. OIL WELL  GAS WELL  OTHER **Wildcat**

2. NAME OF OPERATOR  
**Amerada Petroleum Corporation**

3. ADDRESS OF OPERATOR  
**P. O. Box 1469, Durango, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
**NW/4 NW/4, 660' FWL & 647' FWL., Sec. 19-308-12E,  
Wayne County, Utah**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**DF - 4890'**

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.)\*

**10-10-67 D.S.T. #6**

**Tested from 4530' to 4580', 4 hr. test, 4-1/2" DP, no water cushion, 3/4" btm. & 1" top choke. Opened tool, had a very weak blow of air immediately, closed tool for 30 min. Initial SI Press. Opened tool, had a very weak blow of air, continued to bubble for 4 hrs. Closed tool for 90 min. DP. Pulled packers loose & recovered 170' of water cut mud, 140' of muddy water & 30' of viscous mud. No shows of oil or gas  
IHP 2153#, IFF 21#, FFP 166#, ISIP 10 min. 1141#, 20 min. 1317#, 30 min. 1348#, FSIP 10 min. 809#, 20 min. 1058#, 30 min. 1151#, 40 min. 1182#, 50 min. 1214#, 60 min. 1234#, 70 min. 1244#, 80 min. 1255# & 90 min. 1297# & FFP 2153#. Btm. Hole Temp 95 Deg.**

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

SIGNED

(This space for Federal or State office use)

TITLE

**Field Clerk**

DATE

**10-11-67**

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TR  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Federal Utah 019528**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Amerada - Tazoo  
U.S.A. Penco**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**Buff Desert Area  
Sec. 19-308-12E., 12M.**

12. COUNTY OR PARISH

**Wayne**

13. STATE

**Utah**

1.  OIL WELL  GAS WELL  OTHER **Wildcat**

2. NAME OF OPERATOR  
**Amerada Petroleum Corporation**

3. ADDRESS OF OPERATOR  
**P. O. Box 1469, Durango, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**SW 1/4 NW 1/4, 640' FWL & 647' FWL, Sec. 19-308-12E.,  
Wayne County, Utah**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**DF - 4890'**

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.)\*

**10-12-67 DST #7** Tested from 4865' to 4901', 1 hr. & 7 min. test, 4-1/2" DF, no water cushion, 3/4" btm & 1" top choks. Opened tool, had a very weak blow of air immediately & died in 7 min. Closed tool for ISIP. Opened tool, had no blow of air. Closed tool for 90 min. HWP. Pulled packers loose & recovered 10' of drig. mud, no show of oil, gas or water. IHP 2301#, IFF 10#, FFP 10#, ISIP 30 min. 913#, FSIP 90 min 1120#, FWP 2301# & BEH 102 Deg.

**10-14-67 DST #8** Tested from 3003' to 3040', 4 hr. test 4-1/2" DF, no water cushion, 3/4" btm. & 1" top choks. Opened tool, had a strong blow of air immediately, decreased in 20 min. Closed tool for ISIP. Opened tool, had a good blow of air, continued for 4 hrs. & decreased to very weak blow at end of 4 hrs. Closed tool for 90 min. HWP. Pulled packers loose & recovered 1305' of slightly water cut mud, and 645' of mud out water. No show of oil or gas. IHP 2311#, IFF 322#, FFP 934#, ISIP 30 min. 1891#, FSIP 90 min. 1400#, FWP 2311# & BEH 100Deg.

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

SIGNED

TITLE

**Field Clerk**

DATE

**10-17-67**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Amerada Pet. Co.  
#1 USA Refco

Rumor that rig dropped 12' on the recent sea down<sup>↑</sup> - Might have caused  
also, was pulling @ 240,000 lb. when happened <sup>is reported</sup> the fatigue.

5219 - 52<sup>25</sup> T.P. — Last Circulation in Middle of Upper November

concrete squeezed — went back in & got stuck

Free Port @ 5030

~~Summit~~

(10/18/67)  
PMB

8 DST's  
Nothing

in Cedar Mesa @ 3577  
2900  
2274 - White Pen  
626

~~Summit~~ Cedar Mesa  
3577 - amanda  
2947 (Lemaco)  
635

~ 630 amanda running lower than Lemaco



CALVIN L. RAMPTON  
GOVERNOR

THE STATE OF UTAH  
INDUSTRIAL COMMISSION  
AND  
UTAH LABOR RELATIONS BOARD  
SALT LAKE CITY, UTAH 84114

COMMISSION  
CARLYLE F. GRONNING, CHAIRMAN  
STEPHEN M. HADLEY  
JOHN R. SCHONE  
GLORIA B. HANNI, SECRETARY

October 25, 1967

Mr. Paul W. Burchell  
Chief Petroleum Engineer  
State Div. of Oil & Gas Conservation  
348 E. S. Temple  
Suite 301  
Salt Lake City, Utah 84111

Re: Amerada Petroleum  
Corp. #1 U.S.A. Pexco  
Sec. 19, T. 30 S., R.  
12 E., Wayne County

Dear Paul:

Thanks for your letter of October 23rd on the above well.

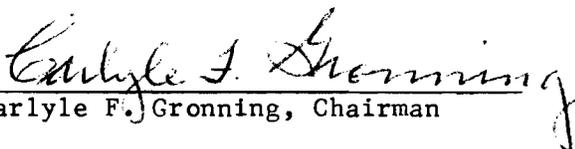
This must have been a real "near miss". Glad no one was hurt.

Thanks also for the picture and we are returning it to you for your file.

Thanks again for your fine work and best wishes.

Sincerely,

THE INDUSTRIAL COMMISSION OF UTAH  
SAFETY DIVISION

  
Carlyle F. Gronning, Chairman

CFG/h

Enc.

November 13, 1967

MEMO TO THE COMMISSIONERS

Re: Amerada Petroleum Corp.  
USA Pexco #1  
Sec. 19, T. 30 S, R. 12 E,  
Wayne County, Utah

On November 9, 1967, the above named well site was visited. A return visit was made to the well for the purpose of conducting a safety inspection and witnessing plugging operations. However, at the time of the inspection the operator had decided not to continue plugging operations and instead run 4½" production string to a plugged back total depth of 5,414' with around 400 sacks of cement. While they were plugging the well, which had reached a depth of around 6,000', management decided to test two zones in the Upper Hermosa Formation which looked encouraging from the induction logs. On a wire line test they encountered oil shows which further encouraged them to run the production string. After the casing is set tonight, they plan to bring in a completion rig on November 13, 1967, and perforate - acidize at 4,673' and one at 5,350'.

Although the Exeter Drilling rig #9 was in the process of being torn down, overall safety conditions were observed to be satisfactory. Pictures were taken of the newly built rig for future reference.

PAUL W. BURCHELL  
CHIEF PETROLEUM ENGINEER

PWB:sd

CC: U. S. Geological Survey - Rodney A. Smith  
Industrial Commission - Carlyle Gronning

Amrada Petroleum Corporation  
Dyco #1 Sec. 19, T. 30 S, R. 12 E

Wayne County

11/9/67



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Federal Utah 019320**

6. 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 <b>Wildcat</b>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR <b>Amarada Petroleum Corporation</b>		8. NAME OF LEASE NAME <b>Amarada - Teahoo</b>
3. ADDRESS OF OPERATOR <b>P. O. Box 1469, Durango, Colorado</b>		9. U.S.A. Patent <b>U.S.A. Patent</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>SW/4 NW/4, 660' FWL &amp; 647' FWL., Sec 19-30S-12E. Wayne County, Utah.</b>		10. WELL NO. <b>1</b>
14. PERMIT NO.		11. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>DF 4890'</b>		12. COUNTY OR PARISH
		13. STATE <b>Sec. 19-30S-12E., 12N</b>

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) **DST #9**

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.)\*

**11-6-67**

**DST #9 - Tested from 9918' to 6026', 1 hr. & 25 min. test, 4-1/2" DP, no water cushion, 3/8" bit. & 1" top choke. Opened tool, had a strong blow of air immediately & died in 25 min., by-pass tool, had a few bubbles & died. Closed tool for 90 min. HWP. Recovered 4750' of which 4690' was fluid & 60' of dolomite. 94' drig. Mod 470' of slightly brackish drig. mod, 376' brackish drig. mod, 3750' brackish water slightly salty & 60' of dolomite. HWP 27430, IFF 9240, FFF 21430, 90 min. HWP 21430 & FFF 27430, Test tool stuck in hole. Backed off at safety jt. & left test tool in hole.**

CONFIDENTIAL

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

SIGNED

*[Signature]*

TITLE

**Field Clerk**

DATE

**11-16-67**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Federal Utah 019328**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Amerada - Yancey  
U.S.A. Farm**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**Salt Desert Area  
Sec. 19-308-12E., 51M**

12. COUNTY OR PARISH

**Wayne**

13. STATE

**Utah**

1.

OIL WELL  GAS WELL  OTHER **Wildcat**

2. NAME OF OPERATOR

**Amerada Petroleum Corporation**

3. ADDRESS OF OPERATOR

**P. O. Box 1469, Durango, Colorado**

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

See also space 17 below.)

At surface

**SW/4 NW/4, 640' FWL & 647' FWL, Sec. 19-308-12E.,  
Wayne County, Utah**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**DF - 4890'**

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\*

**DOT #10 & #11**

(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.)\*

**11-7-67**

**DOT #10 Schlumberger wire line test. Tested from 4672 to 4673, tool open for 30 min. Closed tool for final build up. Build up started in 4-1/2 min. & stabilized in 4 min. to 1480#. Recovered 1.7 of a cu. ft. of shot gas, 100 cc of oil and 3200cc of water. IHP 2100#**

**DOT #11 Schlumberger wire line test - Test from 5330' to 5333', tool plugged solid with drig. mud & LCM, did not get a test.**

CONFIDENTIAL

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

SIGNED

*[Signature]*

TITLE

**Field Clerk**

DATE

**11-14-67**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN THE MANNER\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**Federal Utah 019526**

**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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Wildcat</b></p> <p>2. NAME OF OPERATOR <b>Amerada Petroleum Corporation</b></p> <p>3. ADDRESS OF OPERATOR <b>P. O. Box 1649, Durango, Colorado</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1/4 1/4, 640' FWL &amp; 647' FWL, Sec. 19-308-12E., Wayne County, Utah</b></p> <p>14. PERMIT NO.</p> <p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>DF - 4890'</b></p>	<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. <b>AMERADA PETROLEUM U.S.A. PERMITS</b></p> <p>9. WELL NO. <b>1</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b></p> <p>11. SEC., T., R., M., OR BLK. AND <b>East Robert Area Sec., 19-308-12E., 61M</b></p> <p>12. COUNTY OR PARISH <b>Wayne</b></p> <p>13. STATE <b>Utah</b></p>
--	--

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 type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	RECOMPLETION* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <b>4-1/2" Csg. Setting</b>	

(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.)\*

**11-8-67** Halliburton cemented from top of test tool at 5093' to 5350' with 185 ex. cement with 32% 20/40 sand per ex. & 1% CFR2

**11-9-67** Drilled out cement to 5415'. Ran 167 jts. 4-1/2" OD 10.500 8-RT J-55 R-2 SS Csg. SMC Nov, Set at 5412', W/Larkin Guide Shoe on btm., Float Collar at 5380' & (4) Constrictors at 5379', 5283', 4731' & 4603'. Cemented 4-1/2" Csg. W/490 ex. 50/50 Perm. 2% Gel, 12-1/2" Silicite-Por ex., Pumped plug to 5380'. Tested csg. & plug W/1800# press. Hold off.

**11-10-67** Ran B & R Service wire line temp. survey. Top of cement outside of 4-1/2" csg. at 5495'. Waiting on cement. Will move in well service unit and sub test well.

CONFIDENTIAL

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

SIGNED *[Signature]* TITLE Field Clerk DATE 11-14-67

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY :

November 15, 1967

Amerada Petroleum Corporation  
P. O. Box 1469  
Durango, Colorado

Gentlemen:

As of November 15, 1967, this office received three reports from your office with regard to the Amerada-Texaco U.S.A. Pexeco No. 1 well in Sec. 19, T. 30 S., R. 12 E., SLBM, Wayne County, Utah. On said reports was stamped "CONFIDENTIAL". This office requires a letter stating your desire to hold this well confidential, and will do so until you file such a letter with us.

It would be appreciated if you would forward the requested letter as soon as possible in order to complete our files.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

KATHY H. DUGDALE  
SECRETARY

:khd

AMERADA PETROLEUM CORPORATION

P. O. BOX 1469  
DURANGO, COLORADO

PHONE CH 7-5353-54

November 15, 1967

Mr. Paul W. Burchell  
Oil and Gas Conservation Commission  
348 East South Temple  
Suite 301  
Salt Lake City, Utah 84111

Dear Mr. Burchell:

Please keep all information, and reports on Amerada Petroleum Corporation's, U.S.A. Pexco No. 1 confidential.

Very truly yours,

  
\_\_\_\_\_  
C. C. Murphy

CCM:wjc

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS DATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**Federal Utah 019528**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Amorosa - Talisco**  
**U.S.A. Ponds**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 19-30S-12E., S1M**  
**Burr Desert Area**

12. COUNTY OR PARISH  
**Wayne**

13. STATE  
**Utah**

1. OIL WELL  GAS WELL  OTHER  **Wildcat**

2. NAME OF OPERATOR  
**Amarada Petroleum Corporation**

3. ADDRESS OF OPERATOR  
**P. O. Box 1469, Durango, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**NW/4 NW/4, 640' FWL & 647' FWL, Sec. 19-30S-12E., Wayne County, Utah**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**DF - 4890'**

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.)\*

**11/14/67**

**Schlumberger perforated 4-1/2" OD Cag. from 5330' to 5336' W/2 Hyper jet shots per ft. Ran 2-3/8" OD tbg. set at 5333' & packer at 5022'. Swabbed a total of 333 bbls. of brackish water, no show of oil or gas.**

**11/16/67**

**Schlumberger ran 4-1/2" Johnson WASP castiron bridge plug, set @ 4750' w/1 sz. of cement on top of plug. Perforated 4-1/2" OD Cag. from 4672' to 4678' W/2 Hyper jet shots per ft. Ran 2-3/8" OD Tbg., set at 4683' & packer at 4359'. Swabbed a total of 325 bbls. of fresh water w/this some of oil, no show of gas.**

CONFIDENTIAL

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

SIGNED

TITLE

**Field Clerk**

DATE

**11-21-67**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Federal - Utah 019528  
U.S.A. Pence #1  
Sec. 19-308-12E., SLM  
Wayne County, Utah

- 10-1-67 - DST #3 Tested from 2856' to 2895', 1 hr. & 3 min. test, 4-1/2" DP, no water cushion, 3/4" btm. & 1" top choke. Opened tool, very weak string of bubbles immediately & died in 3 min. Closed tool for 90 min. BHP. Pulled packers loose, recovered 3' clean drig. mud. No shows of oil, gas or water. IHP 1411#, IFF 10#, FFP 10#, 90 min. BHP 62# & FHP 1400#.
- 10-1-67 - DST #4 Tested from 2900' to 2933', 2 hrs. & 15 min. test, 4-1/2" DP, no water cushion, 3/4" btm. & 1" top choke. Opened tool, had a strong blow of air immediately & decreased & died in 1 hr. & 15 min. Closed tool for 90 min. BHP. Pulled packers loose, recovered 1965' as follows: 90' drig. mud with specks of brown oil, 270' muddy water with very light scum of oil, 1605' of slightly salty water (8.4#) brackish with sulphur odor. No show of gas. IHP 1400#, IFF 177#, FFP 903#, 90 min. BHP 903# & FHP 1400#.
- 10-5-67 - DST #5 Tested from 3574' to 3615', 4 hr. test, 4-1/2" DP. 3/4" btm. & 1" top choke. Opened tool, had a weak blow of air immediately, decreased to very weak blow at end of 4 hrs. Closed tool, recovered 180' drig. mud & 1725' slightly muddy water (8.5#) per. gal., with slight sulphur odor. No shows of oil or gas. IHP 1724#, IFF 62#, FFP 810#, 10 min. BHP 1048#, 90 min. BHP 1048#, FHP 1724# & Btm. Hole Temp. 92°.
- 10-10-67 - DST #6 Tested from 4539' to 4580', 4 hrs., test, 4-1/2" DP, no water cushion, 3/4" btm. & 1" top choke. Opened tool, had a very weak blow of air immediately, closed tool for 30 min. ISIP. Opened tool, had a very weak blow of air, continued to bubble for 4 hrs. Closed tool for 90 min. BHP. Pulled packers loose & recovered 170' of water cut mud, 140' of muddy water & 30' of viscous mud. No shows of oil or gas. IHP 2153#, IFF 21#, FFP 166#, ISIP 10 min. 1141#, 90 min. BHP 1297#, FHP 2153# & Btm. Hole Temp. 95°.
- 10-12-67 - DST #7 Tested from 4865' to 4901', 1 hr. & 7 min. test, 4-1/2" DP, no water cushion 3/4" btm. & 1" top choke. Opened tool, had a very weak blow of air immediately & died in 7 min. Closed tool for ISIP. Opened tool, had no blow of air. Closed tool for 90 min. BHP. Pulled packers loose & recovered 10' drig. mud, no shows of oil, gas or water. IHP 2301#, IFF 10#, FFP 10#, ISIP 30 min. 913#, PSIP 90 min. 1120# FHP 2301# & BHT 102°.

Federal - Utah 019528  
U.S.A. Peeco #1  
Sec. 19-308-12E., SLM  
Wayne County, Utah

- 10-14-67 - DST #8 Tested from 5003' to 5040', 4 hr. test, 4-1/2" DP, no water cushion, 3/4" Btm. & 1" top choks. Opened tool, had a strong blow of air immediately, decreased in 20 min. Closed tool for ISIP. Opened tool, had a good blow of air, continued for 4 hrs. & decreased to very weak blow at end of 4 hrs. Closed tool for 90 min. BHP. Pulled packers loose & recovered 1305' of slightly water cut mud, and 645' of mud cut water. No shows of oil or gas. IHP 2311#, IFP 322#, FFP 934#, ISIP 30 min. 1891#, FSIP 90 min. 1400#, FHP 2311# & BHT 100°.
- 11-6-67 - DST #9 Tested from 5918' to 6026', 1 hr. & 25 min. test 4-1/2" DP no water cushion 3/4" btm. & 1" top choks. Opened tool, had a strong blow of air immediately & died in 25 min., by-pass tool, had a few bubbles & died. Closed tool for 90 min. BHP Recovered 4758' of which 4698' was fluid & 60' dolomite. 94' drlg. mud. 470' of slightly brackish drlg. mud, 376' brackish drlg. mud, 3758' brackish water slightly salty & 60' of dolomite. IHP 2743#, IFP 934#, FFP 2143#, 90 min. BHP 2143# & FHP 2743#. Test tool stuck in hole. Backed off at safety jt. & left test tool in hole.
- 11-7-67 - DST #10 Schlumberger wireline test. Tested from 4672' to 4675' tool open for 30 min. Closed tool for final build up. Build up started in 4-1/2 min. & stabilized in 4 min. to 1480#. Recovered 1.7 of a cu. ft. of shot gas, 100 cc of oil and 3200 cc of water. IHP 2100#.
- 11-7-67 - DST #11 Schlumberger wireline test. Tested from 5330' to 5333', tool plugged solid with drlg. mud & LCM, did not get a test.
- 11-14-67 - Swab Test - Swab thru 4-1/2" csg. perfs. from 5330' to 5336'. Swabbed a total of 333 bbls. of brackish water, no shows of oil or gas.
- 11-16-67 - Swab Test - Swab thru 4-1/2" csg. perfs. from 4672' to 4678'. Swabbed a total of 325 bbls. of fresh water w/ thin scum of oil, no show of gas.
- 11-21-67 - Swab Test - After squeezing 4-1/2" csg. perfs. from 4672' to 4678' and re-perforating. Swabbed 25-1/2 bbls. of fluid as follows: 16 bbls. of lead water, 2 bbls. water with 5% dark brown foamy oil, 1.5 bbls. water with thin scum of oil, 6 bbls. water with no show of oil.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE DATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Federal Utah 019528**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Amrad - Tazap  
U.S.A. Farm**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**Sec. 19-308-12E., S1M  
Burr Desert Area**

12. COUNTY OR PARISH

**Wayne**

**Utah**

1.

OIL WELL  GAS WELL  OTHER

**Wildcat**

2. NAME OF OPERATOR

**Amerada Petroleum Corporation**

3. ADDRESS OF OPERATOR

**P. O. Box 1469, Durango, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface

**NW/4 NW/4, 660' FWL & 647' FWL., Sec. 19-308-12E  
Wayne County, Utah**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**DF - 4890'**

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other) **Squeeze & reperforate**

(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.)\*

**11/19/67**

**Set 4-1/2" Halliburton RTTS Tool at 4546', pressured annulus w/1200# held ok. Pumped into formation 4-1/4" lbs. per min. w/1900# press., no blow on surface csg. Squeezed 4-1/2" Csg. perf. from 4672' to 4678' w/100 sx. Rag. Type "G" Cement w/3000# press., held press. for 2-1/2 min., then released press. & repressured to 3000# for 7 min., held ok. Pulled RTTS Tool, left approx. 80' of cement inside of 4-1/2" Csg.**

**11/20/67**

**Drilled cement out of 4-1/2" Csg. to 4730', circ. & cond. hole. Schlumberger perf. 4-1/2" Csg. from 4672' to 4678' w/2 Hyper Jet shots per ft.**

**11/21/67**

**Running packer, 2-3/8" thg. and swab testing well.**

CONFIDENTIAL

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

SIGNED

*[Signature]*

TITLE

**Field Clerk**

DATE

**11-21-67**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Federal - Utah 019528  
U.S.A. Pexco #1  
Sec. 19-30S-12E., S1N  
Wayne County, Utah

- 11-22-67 - Swab Test - After acidizing thru 4-1/2' csg. perfs. from 4672' to 4678' with 250 gals. of acid. Swabbed 39 bbls. of fluid as follows: 14 bbls. lead water, 3 bbls. water with acid odor, 13 bbls. with acid residue and 9 bbls. formation, water, no oil or gas.
- 11-23-67 - Swab Test - Swabbed thru 4-1/2' csg. perfs from 4672' to 4678'. Swabbed a total of 28 bbls. of formation water, no show of oil or gas.
- 11-23-67 - Swab Test - Swabbed thru 4-1/2' csg. perfs. from 4672' to 4678'. Swabbed a total of 29 bbls. of formation water, no show of oil or gas.

PLUGGING REPORT

6026' TD

- 11-8-67 - 185 sacks cement from top of test tool at 5893' to 5350', drilled out to 5415' - 478' plug.
- 11-16-67 4-1/2' Bridge Plug set at 4750' with 1 sack of cement on top of plug.
- 11-27-67 4-1/2' Bridge Plug set at 3607'.
- 11-28-67 50 sacks reg. Cement from 1143' to 993' - 150' plug.  
30 " " " " 841' to 799' - 82' "  
40 " " " " 447' to 347' - 100' "  
5 " " " " In top of surface csg.

Cemented 4" Federal Dry Hole Marker in top of 9-5/8" surface casing.

WELL HAS BEEN PLUGGED AND ABANDONED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN 2. APPLICATION\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Federal Utah 019528**

6. 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.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Amerasia-Petroleum  
U.S.A. Wells**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

11. SEC., T., R., M., OR BLK. AND

**Sec. 19-306-12E, S1M  
Burr Desert Area**

12. COUNTY OR PARISH

**Wayne**

13. STATE

**Utah**

1.

OIL WELL  GAS WELL  OTHER **Wildcat**

2. NAME OF OPERATOR

**Amerasia Petroleum Corporation**

3. ADDRESS OF OPERATOR

**P. O. Box 1469, Durango, Colorado**

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

See also space 17 below.)  
At surface

**SW/4 NW/4, 640 FTL. & 647 FTL., Sec. 19-306-12E,  
Wayne County, Utah**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

**DF - 4670'**

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.)

**Swab testing 4672'-4678'**

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.)\*

**11-21-67** Swabbed 25 1/2 bbls. of fluid as follows: 16 bbls. of lead water, 2 bbls. water with 5/8 dark brown foamy oil, 1.5 bbls. water with thin seam of oil, 6 bbls. water with no show of oil.

**11-22-67** Halliburton acidized through 4 1/2" csg. perfs. from 4672' to 4678' with 230 gals. of reg. 15% inhibited hydrochloric acid. Press. annulus with 4000, hold ok. Acidized with maximum press. of 8000, when acid hit formation press. dropped 2500 from 7500 to 5000. Avg. injection rate 1 bbl. per min. Press. dropped from 8000 to 4000 when pump stopped. Press. 0 in 33 min. Swabbed 39 bbls. of fluid as follows: 14 bbls. lead water, 3 bbls. water with acid odor, 13 bbls. with acid residue and 9 bbls. formation water, no oil or gas.

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

SIGNED

*[Signature]*

TITLE

**Field Clerk**

DATE

**11-29-67**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN 1 PAGE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**Federal Utah 019320**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. OPERATOR'S ADDRESS  
**Amorada Petroleum Corporation  
U.S.A. Pattern**

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

**Wildcat**  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 19-306-12E., S1M  
Burr Desert Area**

12. COUNTY OR PARISH  
**Wayne**

13. STATE  
**Utah**

1. OIL WELL  GAS WELL  OTHER **Wildcat**

2. NAME OF OPERATOR  
**Amorada Petroleum Corporation**

3. ADDRESS OF OPERATOR  
**P. O. Box 1469, Durango, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**W1/4 W1/4, 640' FWL & 647' FWL., Section 19-306-12E  
Wayne County, Utah**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**DF - 4800'**

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.)\*

- 11-23-67 Stabbed 28 bbis. of formation water, no show of oil or gas. 4672' to 4678'
- 11-24-67 Stabbed 29 bbis. of formation water, no show of oil or gas. 4672' to 4678'
- 11-25-67 Released Halliburton RYS Packer, pulled 130 jts. 2-3/8" on 5/8" thg. and packer. McCallough tool Co. attempted to set Halliburton bridge plug on wire line at 3607', no results. Started out of hole, bridge plug set while coming out of hole @ 1418'. Pulled wire line out of cage socket W/3000# pull, leaving setting tool and bridge plug in hole.
- 11-26-67 Ran over shot in hole on 2-3/8" thg., latched onto bridge plug setting tool. Pulled tool loose W/18,000# pull and came out of hole W/tool. Went in hole with 3-7/8" bit on 2-3/8" thg. to drill out plug.

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

SIGNED

TITLE

**Field Clerk**

DATE

**11-29-67**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN 1 (CATE)\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**Federal Utah 019320**

8. 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 <b>Wildcat</b>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR <b>Amerada Petroleum Corporation</b>		8. <b>Amerada - Finance</b> <b>D.A. Pence</b>	
3. ADDRESS OF OPERATOR <b>P. O. Box 1469, Durango, Colorado</b>		9. WELL NO. <b>1</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>NW/4 NE/4, 660' FWL &amp; 647' FWL, Sec. 19-30S-12E., Wayne County, Utah</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>DF - 4890'</b>	
		12. COUNTY OR PARISH <b>Wayne</b>	13. STATE <b>Utah</b>

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"/>	REPAIRING CASING <input checked="" type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <b>Drig. plug &amp; setting plug</b>	(Other) <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion or 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.)\*

**11-27-67** Drilled out bridge plug. McCullough Tool Co. made a dummy run to 3610'. McCullough ran 4-1/2" Baker Bridge Plug on wire line & set it at 3607'.

**11-28-67** McCullough shot 4-1/2" Csg. off at 3445'. Casing would not move 2/10,000 pull. Ran Magna-Tactor and found free point at 1130'. Worked csg. & could detect slight movement at 1200'. Shot csg. off at 1143'. Pulled 1143' of 4-1/2" csg.

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

SIGNED [Signature] TITLE **Field Clerk** DATE **11-28-67**

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

**TED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**GEOLOGICAL SURVEY**

SUBMIT IN T. CATE\*  
(Other instructions on re-verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Federal Utah 019530**

6. 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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <b>Wildcat</b></p> <p>2. NAME OF OPERATOR <b>Amurda Petroleum Corporation</b></p> <p>3. ADDRESS OF OPERATOR <b>P. O. Box 1409, Durango, Colorado</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>NW/4 NE/4, 640' FWL &amp; 647' FWL, Sec. 19-30S-12E., Wayne County, Utah.</b></p> <p>14. PERMIT NO.</p>	<p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <b>Amurda - Yellow F.L.A. Pump</b></p> <p>9. WELL NO. <b>1</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY AREA <b>Sec. 19-30S-12E., 31N Salt Desert Area</b></p> <p>12. COUNTY OR PARISH <b>Wayne</b> 13. STATE <b>Utah</b></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>27 - 4000'</b></p>	

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) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(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.)\*

**11-20-67 6026' XB: Preparing to plug and abandon well. Prepare to plug as follows:**

30	sz.	reg.	cement	from 1143' to 993' - 120' Plug
30	"	"	"	841' to 730' - 80' "
40	"	"	"	447' to 347' - 100' "
5	"	"	"	In top of surface seg.

**Will cement 4" Federal Dry Hole Marker in top of surface casing.**

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

SIGNED \_\_\_\_\_ TITLE **Field Clerk** DATE **11-20-67**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

**UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN THE **CATE\***  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Federal Utah 019528**

6. 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  GAS WELL  OTHER **Wildcat**

2. NAME OF OPERATOR  
**Amrad Petroleum Corporation**

3. ADDRESS OF OPERATOR  
**P. O. Box 1469, Durango, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**SW/4 SW/4, 640' FWL & 647' FWL., Sec. 19-308-12E., Wayne County, Utah**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**DF - 4090'**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Amrad - Yancey**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 19-308-12E., SW/4 Durango Report Area**

12. COUNTY OR PARISH

**Wayne**

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 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 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.)\*

**11-28-67 6026' TD:**

**Halliburton spotted cement plugs as follows:**

**30 cu. reg. cement from 1143' to 993' - 150' Plug  
30 " " " " 841' to 799' - 82' "  
40 " " " " 647' to 347' - 100' "  
5 " " " " In top of surface casg.**

**Installed 4' Federal Dry Hole Marker in Top of surface casing.**

**WELL HAS BEEN PLUGGED AND ABANDONED**

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

SIGNED \_\_\_\_\_ TITLE **Field Clerk** DATE **11-28-67**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

STATE OF UTAH  
 OIL & GAS CONSERVATION COMMISSION  
 348 EAST SOUTH TEMPLE  
 SUITE 301  
 SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: U.S.A. Pexco #1

Operator Amerada Petroleum Corporation Address Box 1469, Durango, Colo. Phone 247-5353

Contractor Exeter Drilling Co. Address Denver, Colo. Phone \_\_\_\_\_

Location NW 1/4 NW 1/4 Sec. 19 T. 30 N R. 12 E Wayne County, Utah.  
S X X

Water Sands:

<u>Depth</u>		<u>Volume</u>		<u>Quality</u>
<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>		<u>Fresh or Salty</u>
1. <u>Surface</u>	<u>600' (Entrada)</u>	<u>Unknown</u>		<u>Unknown</u>
2. <u>800'</u>	<u>1500' (Navajo)</u>	<u>Unknown</u>		<u>Unknown</u>
3. <u>2910'</u>	<u>3390' (White Rim)</u>	<u>903 psi</u>	<u>Slight salty, sulphur odor</u>	
4. <u>3600'</u>	<u>4400' (Cedar Mesa)</u>	<u>1048 psi (90")</u>	<u>Slight sulphur odor, Cl<sup>-</sup> = 1450 ppm</u>	
5. <u>4670'</u>	<u>4690' (Hermosa)</u>	<u>1480 psi</u>	<u>Very salty, Cl<sup>-</sup> = 30,880 ppm</u>	

(Continued on reverse side)

(Continued on reverse side if necessary)

Formation Tops:

Remarks:

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



December 5, 1967

Mr. Rodney A. Smith  
U. S. Geological Survey  
8416 Federal Bldg.  
125 South State St.  
Salt Lake City, Utah 84111

Dear Sir:

We are listing below the Totco Deviation Straight Hole Tests run on the Amerada - Texaco U.S.A. Pexco #1, located in the NW/4 NW/4, 660' FNL and 647' FWL, Sec., 19-308-12E., S1M, Wayne County, Utah.

The subject well was spudded 9/25/67, and drilled by Exeter Drilling Company to a total depth of 6026'. Well was plugged and abandoned 11/28/67.

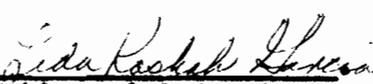
Totco Deviations

<u>Depth</u>	<u>Degrees</u>								
150'	1/2	2167'	3-3/4	3275'	4-1/2	3864'	6	4441'	6
398'	1	2231'	2-1/2	3341'	4-1/2	3909'	5-1/4	4472'	5
715'	1	2480'	1-1/4	3445'	5	3970'	5	4630'	3-3/4
1256'	3	2600'	3/4	3476'	4-1/2	4021'	5-1/2	4725'	3-3/4
1444'	4-3/4	2772'	1/2	3538'	4	4096'	5-1/4	4852'	2-1/2
1571'	4-3/4	2850'	3/4	3601'	4-1/2	4157'	5-1/4	4901'	2
1630'	4	2933'	1	3666'	3-1/4	4251'	6	5040'	1-1/4
1881'	2-1/2	3023'	3/4	3730'	4-1/4	4314'	6-1/2	5326'	1-1/2
2012'	3	3212'	3-1/2	3793'	4-1/2	4378'	6	5522'	1-3/4
								6026'	1-3/4

This is to certify that the above deviations were run by drillers of Exeter Drilling Company on the subject well, and are true and correct to the best of my knowledge and belief.

By   
C. C. Murphy, Field Clerk  
Amerada Petroleum Corporation

Subscribed and sworn to before me a Notary Public in and for said County, of La Plata, in the State of Colorado.

6th day of December, 1967   
Lida Koshak Garcia

My Commission expires  
September 14, 1968

cc: Mr. Paul W. Burchall  
Oil & Gas Conservation Commission

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

**Federal Utah 019528**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. NAME OF LEASEE  
**Amarada - Texaco  
U.S.A. Petro**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**Sec. 19-30S-12E., S1M  
Burr Desert Area**

12. COUNTY OR PARISH  
**Wayne**

13. STATE  
**Utah**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

2. NAME OF OPERATOR  
**Amarada Petroleum Corporation**

3. ADDRESS OF OPERATOR  
**P. O. Box 1469, Durango, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **NW/4 NW/4, 660' FNL & 647' FWL, Sec. 19-30S-12E., Wayne County, Utah**  
At top prod. interval reported below  
At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUDDED **9-25-67** 16. DATE T.D. REACHED **11-5-67** 17. DATE COMPL. (Ready to prod.) **11-28-67 Dry P&A** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **DF-4890'** 19. ELEV. CASINGHEAD **4880'**

20. TOTAL DEPTH, MD & TVD **6026'** 21. PLUG, BACK T.D., MD & TVD **Dry Hole-Plugged** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS **6026'** CABLE TOOLS **None**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**None - Dry Hole** 25. WAS DIRECTIONAL SURVEY MADE  
**None**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**Induction ES & Gamma Ray - BHC Sonic** 27. WAS WELL CORED  
**No**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>9-5/8"</b>	<b>32.30</b>	<b>396'</b>	<b>12-1/4"</b>	<b>200 sacks reg. cement</b>	
<b>4-1/2"</b>	<b>10.50</b>	<b>5412'</b>	<b>8-3/4"</b>	<b>490 " 50/50 Pozmix</b>	<b>1143'</b>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
<b>None</b>				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
<b>None</b>		

31. PERFORATION RECORD (Interval, size and number)

**5330' to 5336' W/2 shots per ft.  
4672' to 4678' W/2 " " "  
re-perforated 4672' to 4678' W/2 shots per ft.**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>4672' to 4678'</b>	<b>Squeezed W/100 sx. cement</b>
<b>4672' to 4678'</b>	<b>Acidised W/250 gals.</b>

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  
**Drill stem tests and Plugging report.**

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

SIGNED \_\_\_\_\_ TITLE **Field Clerk** DATE **12-5-67**

\*(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.
9-30-67 - DST #1			Tested from 2711' to 2772', 1 hr & 5 min. test, 4-1/2" DP, no water cushion, 3/4" btm. & 1" top choke. Opened tool, had a weak string of bubbles for 5 min. & died. Closed tool & pulled packers loose, recovered 3' of drlg. mud, no shows of oil, gas or water. IHP 1359#, IFP 21#, FFP 21#, FHP 1359# & Btm. hole temp 90°.
9-30-67 - DST #2			Tested from 2772' to 2850', 1 hr. & 3 min. test, 4-1/2" DP, no water cushion., 3/4" btm. & 1" top choke. Opened tool, had a weak blow of air & died in 3 min. Closed tool for 90 min. BHP. Pulled packers loose, recovered 2' drlg. mud, no show of oil, gas or water. IHP 1378#, IFP 11#, FFP 11#, 90 min. BHP 11# & FHP 1378# & Btm. hole temp 90°.

## 38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
<b>SCHLIMBERGER TOPS:</b>		
Entrada	Surface	
Carmel	597'	
Navajo	808'	
Kayenta	1501'	
Chinle	2122'	
Moenkopi	2387'	
Sinbad	2787'	
Kalbad	2862'	
White Rim	2914'	
Organ Rock	3390'	
Cedar Mesa	3600'	
Hermosa	4416'	
Molas	5762'	
Mississippian	5794'	