

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

JUN 18 1990

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work OIL, GAS & MINING DEEPEN  PLUG BACK

b. Type of Well  
Oil Well  Gas Well  Other  Single Zone  Multiple Zone

2. Name of Operator  
Amoco Production Company

3. Address of Operator  
P.O. Box 800 - Rm 1844, Denver, CO 80201

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)  
At surface 1780' FWL x 1800' FSL Sec. 27

5. Lease Designation and Serial No.  
Fee

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name  
UPRC 1-27

9. Well No.  
1

10. Field and Pool, or Wildcat  
Wildcat

11. Sec., T., R., M., or Bk. and Survey or Area  
Sec. 27, T3N-R13E

12. County or Parrish 13. State  
Summit Utah

14. Distance in miles and direction from nearest town or post office\*  
1780'

15. Distance from proposed location to nearest location to nearest town or post office\* (Also to nearest drig. line, if any)  
1780'

16. No. of acres in lease  
640

17. No. of acres assigned to this well  
640

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

19. Proposed depth  
16,300' ONTA

20. Rotary or cable tools  
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)  
9725 GR

22. Approx. date work will start\*  
July 10, 1990

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
36"	30"	conduit	80'	to surface
26"	20"	94#	500'	1000 sk
12 1/4"	9 5/8"	43.5 & 47#	9000'	1450 sx
8 1/2"	5 1/2"	20#	16300'	500 sx

Amoco proposes to drill and test the Dakota formation. Both surface and minerals are privately owned.

Exhibits attached: I - Location Plat II - Division of Water Rights Approval III - Drilling Program(A)- Casinghead Diagram(B)- BOP Diagram IV - Proposed access route & existing roads V - Cut and fill diagram NOTE: Special use permit for access of Forest Service Road 075 has been applied for from National Forest.

Reserve pit statement: Salt water and oil field wastes associated with the drilling process will be disposed of by evaporation or other methods, after impoundment in an excavated earthen reserve pit that has been lined with a polyurethene-type liner. The proposed pit will be constructed to a size of 50x175x11 with a capacity of 30,000 bbls.

Please contact B.L. Bren-Carley at (303) 830-4542 if additional information is needed.

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 J.L. Hampton Title Sr. Staff Admin. Supv. Date 06/14/90

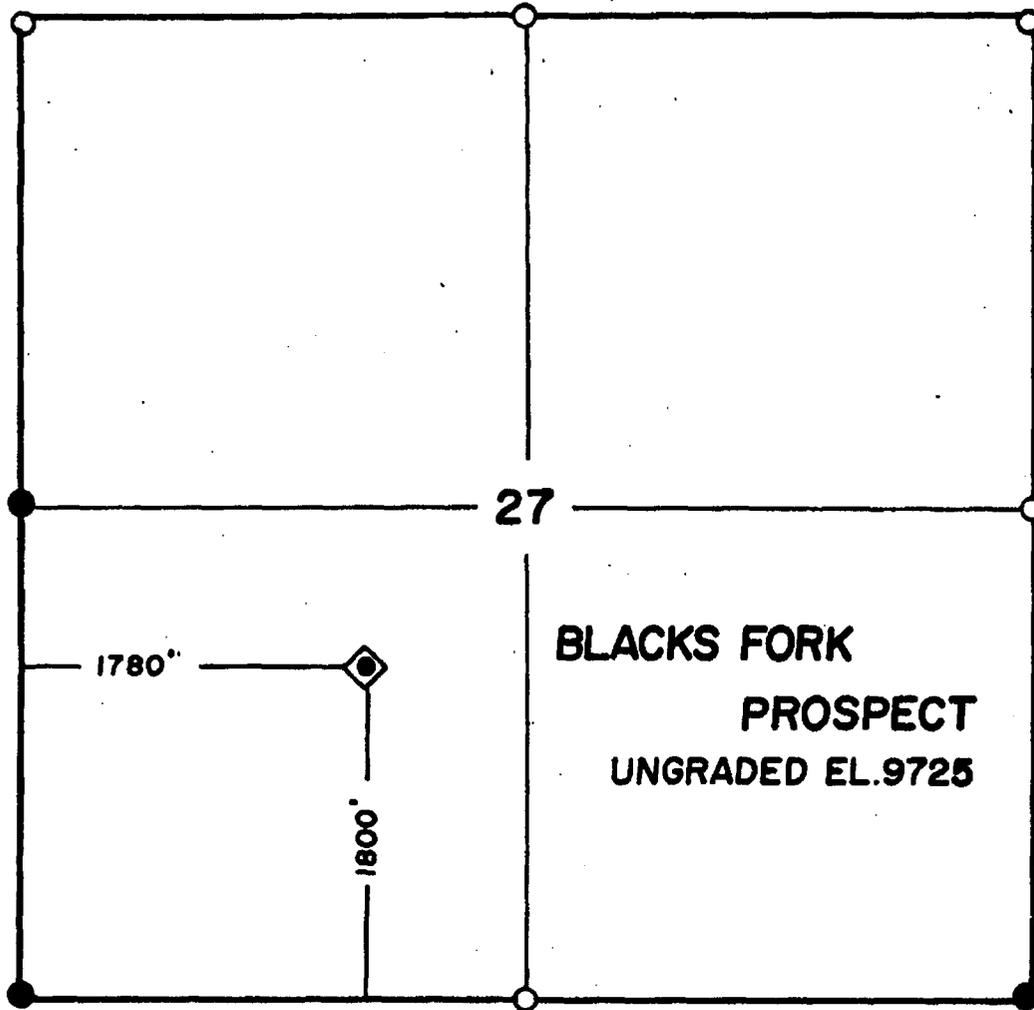
Permit No. 43-043-30096 Approval Date

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

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 7-16-90  
BY: [Signature]  
WELL SPACING: R615-3-2

\*See Instructions On Reverse Side

R 13 E



SCALE 1"=1000'

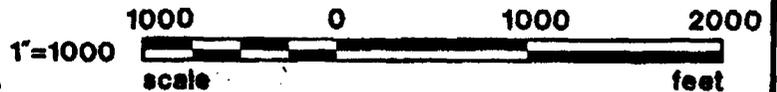
T 3 N

**BLACKS FORK  
PROSPECT  
UNGRADED EL. 9725**

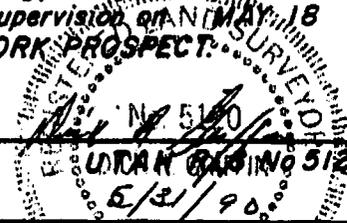
**CERTIFICATE OF SURVEYOR**

STATE OF UTAH  
COUNTY OF SUMMIT

} SS



I, **DICK R. GRIFFIN** of Rock Springs, Wyoming, hereby certify that this map was made from notes taken during an actual survey under my direct supervision on **MAY 18** 1990, and that it shows correctly the location of **BLACKS FORK PROSPECT**.



**NOTE**

- FOUND CORNER
- ⊙ PROPORTIONED CORNER
- ◇ WELL LOCATION

**PLAT OF DRILLING LOCATION**

for

**AMOCO PRODUCTION COMPANY**

**1800' F/SL & 1780' F/WL SEC 27  
T 3 N, R 13 E of the Salt Lake Base Mer.**

Prepared by:

**D.R. GRIFFIN & ASSOCIATES  
P.O. BOX 1059 (307) 362-5028  
ROCK SPRINGS, WYOMING 82901**

**JOB NO. 1773**

NOTE: Do not fold this form. Use type-  
writer or print neatly with black  
ink.

# STATE OF WYOMING

OFFICE OF THE STATE ENGINEER

## APPLICATION FOR PERMIT TO APPROPRIATE SURFACE WATER

THIS SECTION IS NOT TO BE FILLED IN BY APPLICANT

Filing/Priority Date

THE STATE OF WYOMING, }  
STATE ENGINEER'S OFFICE } SS.

This instrument was received and filed for record on the \_\_\_\_\_ day of \_\_\_\_\_, A.D.  
19 \_\_\_\_\_, at \_\_\_\_\_ o'clock \_\_\_\_\_ M.

\_\_\_\_\_  
State Engineer

Recorded in Book \_\_\_\_\_ of Ditch Permits, on Page \_\_\_\_\_.

Fee Paid \$ \_\_\_\_\_. Map Filed \_\_\_\_\_.

WATER DIVISION NO. \_\_\_\_\_

DISTRICT NO. \_\_\_\_\_ Temp. Filing No. \_\_\_\_\_

PERMIT NO. \_\_\_\_\_

NAME OF FACILITY Blacks Fork Water Haul

1. The name(s) and complete mailing address(es) of the applicant(s) is/are Amoco Production Company  
PO Box 800 Room 1844  
Denver, CO 80201  
Attn: J.L. Hampton

(If more than one applicant, designate one to act as Agent for the others)

2. Name & address of agent to receive correspondence and notices Same

3. (a) The use to which the water is to be applied is Industrial - Oil and Gas Drilling / Completion Operations

(b) If more than one beneficial use of water is applied for, the location and ownership of the point of use must be shown in item 10 of the application and the details of the facilities used to divert and convey the appropriation must be shown on the map in sufficient detail to allow the State Engineer to establish the amount of appropriation. In multiple use applications, stock and domestic purposes are limited to 0.056 cubic feet per second.

4. The source of the proposed appropriation is East Fork, Smith Fork

5. The point of diversion of the proposed works is located \_\_\_\_\_ feet distant from the \_\_\_\_\_ corner of section \_\_\_\_\_ T. \_\_\_\_\_ N., R. \_\_\_\_\_ W., and is in the

NE/NW/NE of Section 5 T. 12 N., R. 115 W. Indep. Resv.  
Uinta County, Wyoming

6. Are any of the lands crossed by the proposed facility owned by the State or Federal Government? If so, describe lands and indicate whether State or Federally owned.

Point of use is on a Fee lease within the State of Utah, Summit County.  
NE/SW/4 Sec. 27, T3N-R13E

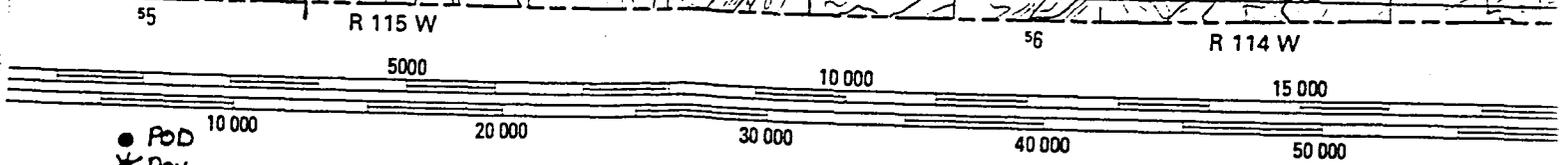
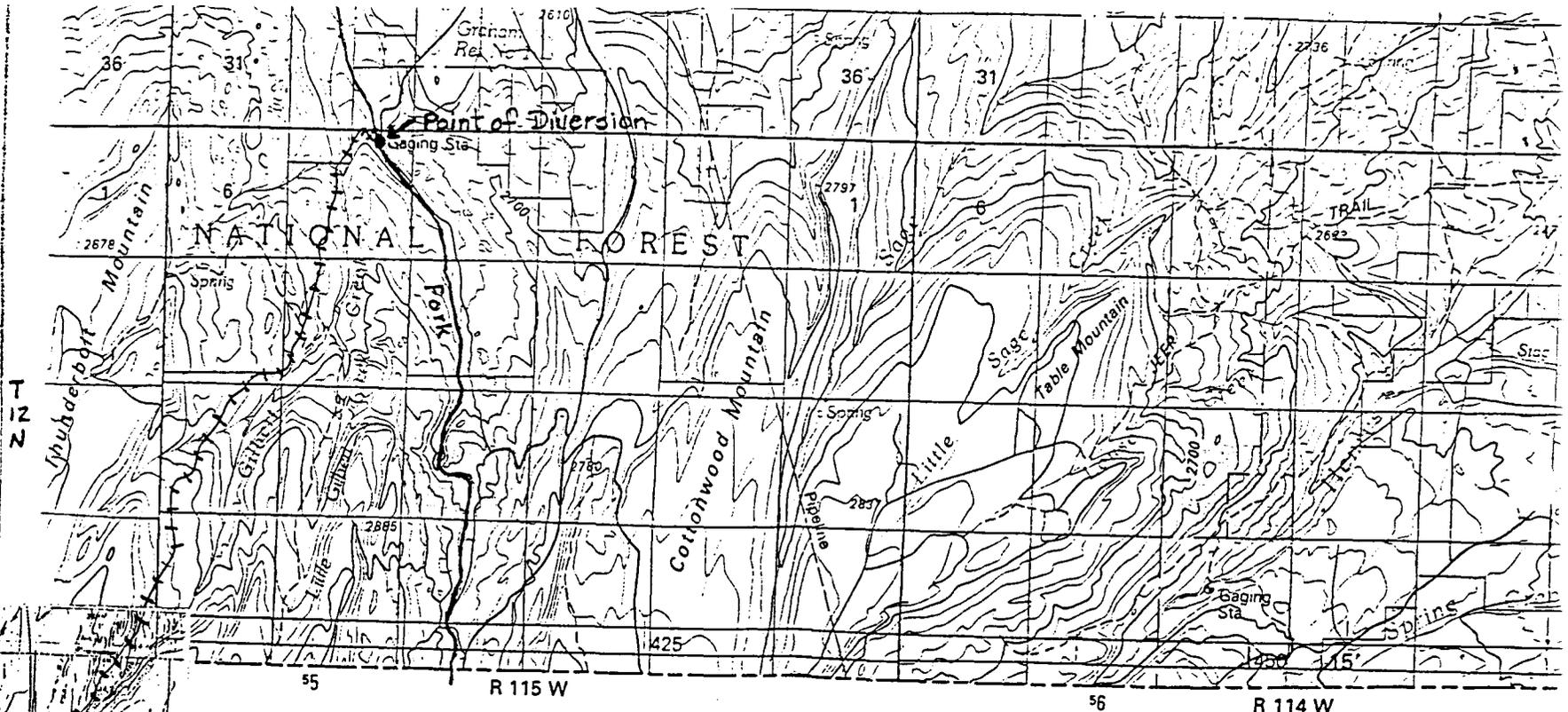
7. The carrying capacity of the ditch, canal, pipeline or other facility at the point of diversion is .39 cubic feet per second.

8. The accompanying map is prepared in accordance with the State Engineer's Manual of Regulations and Instructions for filing applications and is hereby declared a part of this application. The State Engineer may require the filing of detailed construction plans.

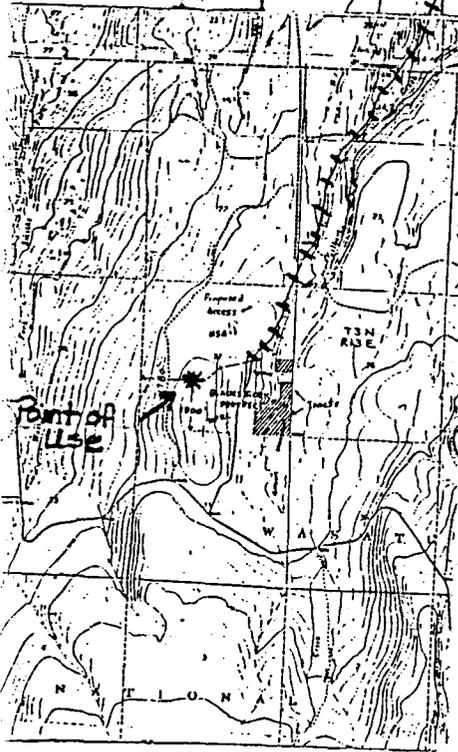
9. The estimated time required for the commencement of work is 7-10-90, for completion of construction is approx. 60 days, and to complete the application of water to the beneficial uses stated in this application is 2 years.

Permit No. \_\_\_\_\_





- P.D.
- \* P.O.U.
- ≡ Haul Route



DRILLING PROGRAM

Black's Fork Prospect No. 1  
NE/SW/4 Sec. 27, T3N-R13E  
Summit County, UT

1. Estimated Formation tops:

<u>Formation</u>	<u>Depth</u>
Fort Union	9,679'
Mesaverde	11,322'
Hilliard	11,375'
Dakota	15,925'
Dakota 'G'	16,085'
Total Depth	16,300'

2. Estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered:

<u>Substance</u>	<u>Depth</u>
Oil, Gas, Water	15,925'

3. A. Wellhead Equipment:

	<u>Size - WP (psi)</u>
Flange	20 3/4" 2000 x 20" SOW
Bradenhead	11" 5000 x 9 5/8" SOW

B. Drilling BOP equipment will be installed to meet requirements as shown on attached schematic diagram with the exception that only a 20" 2000 psi annular preventer with a diverter line will be installed in the 20" conductor for drilling the surface hole. After running surface casing and prior to drilling out, blind rams, pipe rams, wing valves, manifold, upper and lower kelly cock and safety valve will be pressure tested to 500 psi. The annular preventer will be tested to 2500 psi. Thereafter, the BOP will be tested every 30 days while drilling. In addition, the blind rams and pipe rams will be function-tested on each trip and the annular preventer will be function-tested once a week.

4. A. Proposed Casing Program

<u>Purpose</u>	<u>Interval</u>	<u>Size</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Cond</u>	<u>Thread</u>
Conductor	0-500'	20"	94#	H40	New	ST&C or Butt
Surface	0-5800'	9-5/8"	43.5#	N80	New	LT&C
	5800-9000'	9-5/8"	47#	N80	New	LT&C
Oil String	0-4300'	5-1/2"	20#	N80	New	Butt
	4300-16300'	5-1/2"	20#	N80	New	LT&C

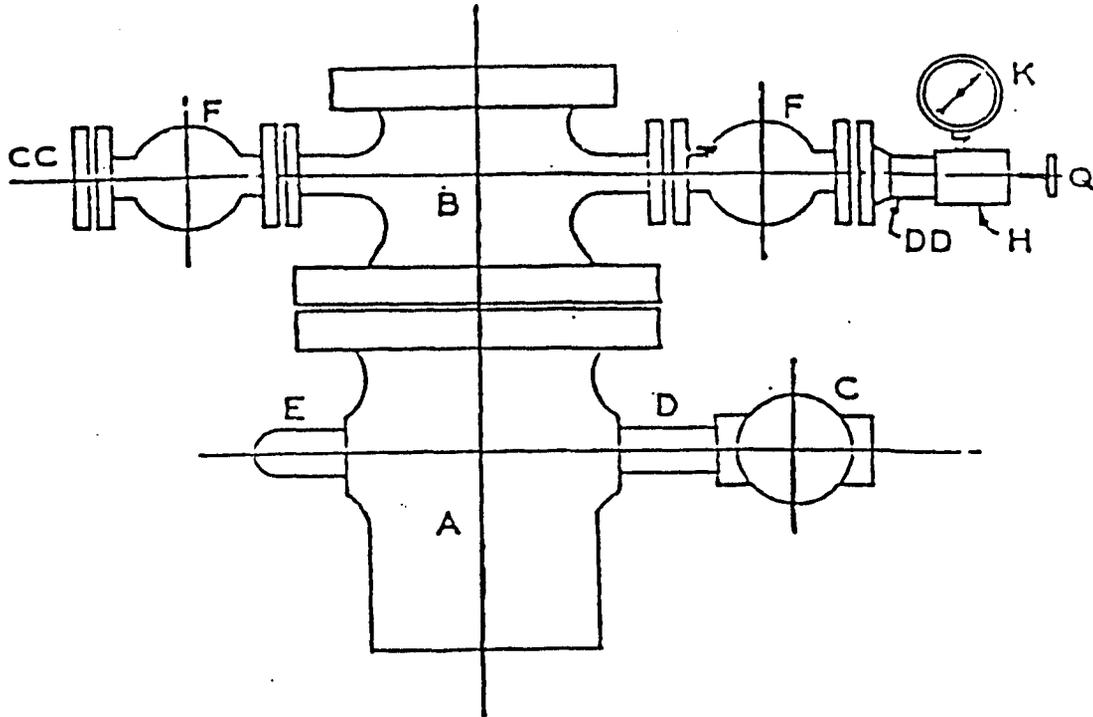
B. Cementing Program

<u>Conductor</u>	<u>Type, Amount of Cement and Interval to be Cemented</u>
0-500'	1000 sx Class G or H + 2% CaCl2 + 1/4#/sk celloflakes
<u>Surface</u>	<u>Type, Amount of Cement and Interval to be Cemented</u>
0-2000'	850 sx Light Cement, 200 sx Glass G
8000'-9000'	400 sx Class G



STANDARD BASIC CASINGHEAD HOOK-UP

2,000# to 5,000# W.P.



FOR 2,000# W.P. PRIMARY CASINGHEAD & 3,000# W.P. SECONDARY CASINGHEAD

OR 3,000# W.P. PRIMARY CASINGHEAD & 3,000# W.P.  
SECONDARY CASINGHEAD

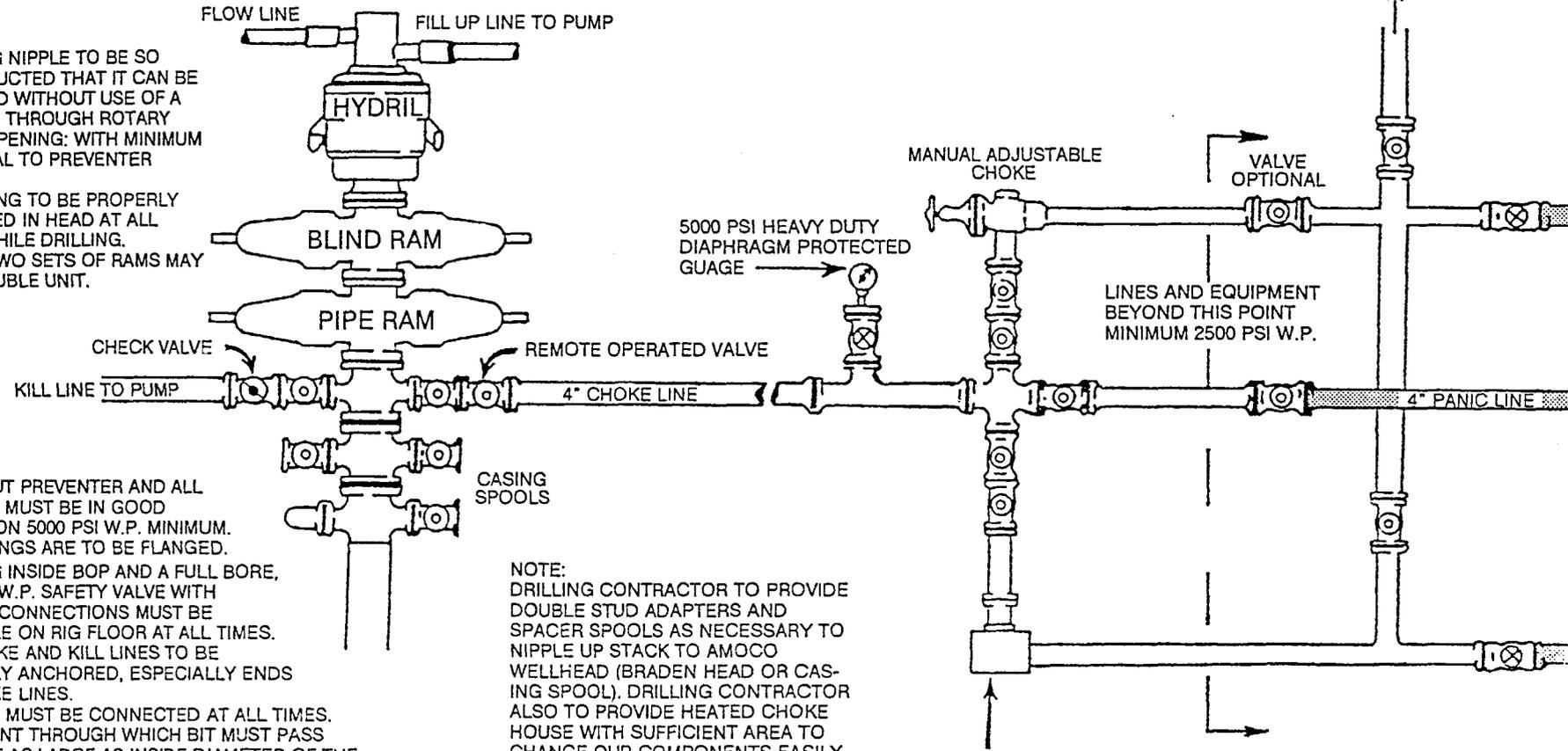
OR 3,000# W.P. PRIMARY CASINGHEAD & 5,000# W.P.  
SECONDARY CASINGHEAD

IF INTERMEDIATE STRING OF CASING NOT REQUIRED, LOWER (PRIMARY)  
HEAD WILL BE ONLY CASINGHEAD USED

# MINIMUM BLOW-OUT PREVENTER REQUIREMENTS 5,000 psi W.P.

**NOTE:**

1. DRILLING NIPPLE TO BE SO CONSTRUCTED THAT IT CAN BE REMOVED WITHOUT USE OF A WELDER, THROUGH ROTARY TABLE OPENING: WITH MINIMUM I.D. EQUAL TO PREVENTER BORE.
2. WEAR RING TO BE PROPERLY INSTALLED IN HEAD AT ALL TIMES WHILE DRILLING.
3. UPPER TWO SETS OF RAMS MAY BE A DOUBLE UNIT.



**NOTE:**

1. BLOW OUT PREVENTER AND ALL FITTINGS MUST BE IN GOOD CONDITION 5000 PSI W.P. MINIMUM.
2. ALL FITTINGS ARE TO BE FLANGED.
3. A STRING INSIDE BOP AND A FULL BORE, 5000 PSI W.P. SAFETY VALVE WITH PROPER CONNECTIONS MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES.
4. ALL CHOKE AND KILL LINES TO BE SECURELY ANCHORED, ESPECIALLY ENDS OF CHOKE LINES.
5. KILL LINE MUST BE CONNECTED AT ALL TIMES.
6. EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AS LARGE AS INSIDE DIAMETER OF THE CASING BEING DRILLED THROUGH.
7. MUST HAVE UPPER AND LOWER KELLY COCK ON KELLY.
8. EXTENSION WRENCHES AND HAND WHEELS TO BE PROPERLY INSTALLED AND BRACED AT ALL TIMES.
9. RIG FLOOR BLOW-OUT PREVENTION CONTROL TO BE LOCATED AS CLOSE TO DRILLER'S POSITION AS FEASIBLE.
10. BLOW-OUT PREVENTER CLOSING EQUIPMENT SHALL HAVE SUFFICIENT CAPACITY TO FULFILL REQUIREMENTS OF CURRENT FEDERAL REGISTER (43 CFR).
11. NO COLLECTOR BOTTLES, SURGE TANKS OR BUFFER CHAMBERS DOWNSTREAM OF THE CHOKE MANIFOLD.
12. THE CHOKE LINE FROM THE STACK TO THE MANIFOLD MUST BE STRAIGHT.
13. IF A FLEXIBLE HOSE IS TO BE USED AS A CHOKE LINE, IT MUST BE APPROVED BY AMOCO PRIOR TO RIGGING UP.

**NOTE:**

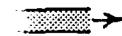
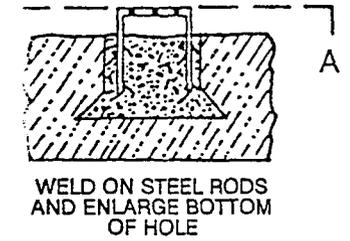
DRILLING CONTRACTOR TO PROVIDE DOUBLE STUD ADAPTERS AND SPACER SPOOLS AS NECESSARY TO NIPPLE UP STACK TO AMOCO WELLHEAD (BRADEN HEAD OR CASING SPOOL). DRILLING CONTRACTOR ALSO TO PROVIDE HEATED CHOKE HOUSE WITH SUFFICIENT AREA TO CHANGE OUR COMPONENTS EASILY.

**NOTE:**

1. ALL UNMARKED VALVES TO BE FULL-OPENING GATE OR PLUG VALVES, METAL TO METAL SEAL, 5000 PSI, W.P.
2. ALL UNMARKED PIPE MINIMUM 3". REFER TO ENGINEERING SPECIFICATIONS S-17-B AND S-25-A AND NACE STANDARD MR-01-75 FOR APPROVED GRADES.
3. ALL WELDS MUST BE HEAT TREATED ACCORDING TO ENGINEERING SPECIFICATION S-28-A OR NACE STANDARD MR-01-75.

**NOTE:**

1. CHOKE LINE TO BE HORIZONTAL ON RIG. ANCHOR EVERY 30' AND WITHIN 5' OF
2. FACTOR TO BE RESPONSIBLE FOR LINES AND VALVES.



MAIN FLARE PIT



NOTE: Do not fold this form. Use type-  
writer or print neatly with black  
ink.

# STATE OF WYOMING

OFFICE OF THE STATE ENGINEER

## APPLICATION FOR PERMIT TO APPROPRIATE SURFACE WATER

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19 \_\_\_\_\_, at \_\_\_\_\_ o'clock \_\_\_\_\_ M.

\_\_\_\_\_  
State Engineer

Recorded in Book \_\_\_\_\_ of Ditch Permits, on Page \_\_\_\_\_.

Fee Paid \$ \_\_\_\_\_. Map Filed \_\_\_\_\_.

WATER DIVISION NO. \_\_\_\_\_ DISTRICT NO. \_\_\_\_\_ Temp. Filing No. \_\_\_\_\_

PERMIT NO. \_\_\_\_\_

NAME OF FACILITY Blacks Fork Water Haul

1. The name(s) and complete mailing address(es) of the applicant(s) is/are Ameco Production Company  
PO Box 800 Room 1844  
Denver, CO 80201  
Attn: J.L. Hampton

(If more than one applicant, designate one to act as Agent for the others)

2. Name & address of agent to receive correspondence and notices Same

3. (a) The use to which the water is to be applied is Industrial - Oil and Gas Drilling / Completion Operations

(b) If more than one beneficial use of water is applied for, the location and ownership of the point of use must be shown in item 10 of the application and the details of the facilities used to divert and convey the appropriation must be shown on the map in sufficient detail to allow the State Engineer to establish the amount of appropriation. In multiple use applications, stock and domestic purposes are limited to 0.056 cubic feet per second.

4. The source of the proposed appropriation is East Fork, Smith Fork

5. The point of diversion of the proposed works is located \_\_\_\_\_ feet distant from the \_\_\_\_\_ corner of section \_\_\_\_\_ T. \_\_\_\_\_ N., R. \_\_\_\_\_ W., and is in the  
NE/NW/NE of Section 5 T. 12 N., R. 115 W. Indep. Resu.  
Uinta County, Wyoming

6. Are any of the lands crossed by the proposed facility owned by the State or Federal Government? If so, describe lands and indicate whether State or Federally owned.

Point of use is on a Fee lease within the State of Utah, Summit County.  
NE/5W/4 Sec. 27, T3N - R13E

7. The carrying capacity of the ditch, canal, pipeline or other facility at the point of diversion is .39 cubic feet per second.

8. The accompanying map is prepared in accordance with the State Engineer's Manual of Regulations and Instructions for filing applications and is hereby declared a part of this application. The State Engineer may require the filing of detailed construction plans.

9. The estimated time required for the commencement of work is 7-10-90, for completion of construction is  
approx. 60 days, and to complete the application of water to the beneficial uses stated in this application is  
2 years.

10. The land to be irrigated under this permit is described in the following tabulation: (Give irrigable acreage in each 40-acre subdivision. Designate ownership of land, Federal, State or private. If private, list names of owners and land owned separately.) If application is for stock, domestic, or for purposes other than irrigation, indicate point of use by 40-acre subdivision and owner.

Township	Range	Sec.	NE¼				NW¼				SW¼				SE¼				TOTALS	
			NE¼	NW¼	SW¼	SE¼														
3N	13E	27											X							1
Fee lease of State of Utah																				
Additional points of use may be added if exploratory well successful. Will not exceed 5 (five) points of use on this permit.																				

Number of acres to receive original supply NA  
 Number of acres to receive supplemental supply NA  
 Total number of acres to be irrigated NA

REMARKS

Water will be loaded onto tank trucks and hauled along existing roads to the proposed drill-site. Loading rate is .39 CF/s with a maximum daily diversion of 63,000 gallons. Total diversion for a maximum of 5 locations will not exceed 12,000,000 over the next two years.

Under penalties of perjury, I declare that I have examined this application and to the best of my knowledge and belief it is true, correct and complete.

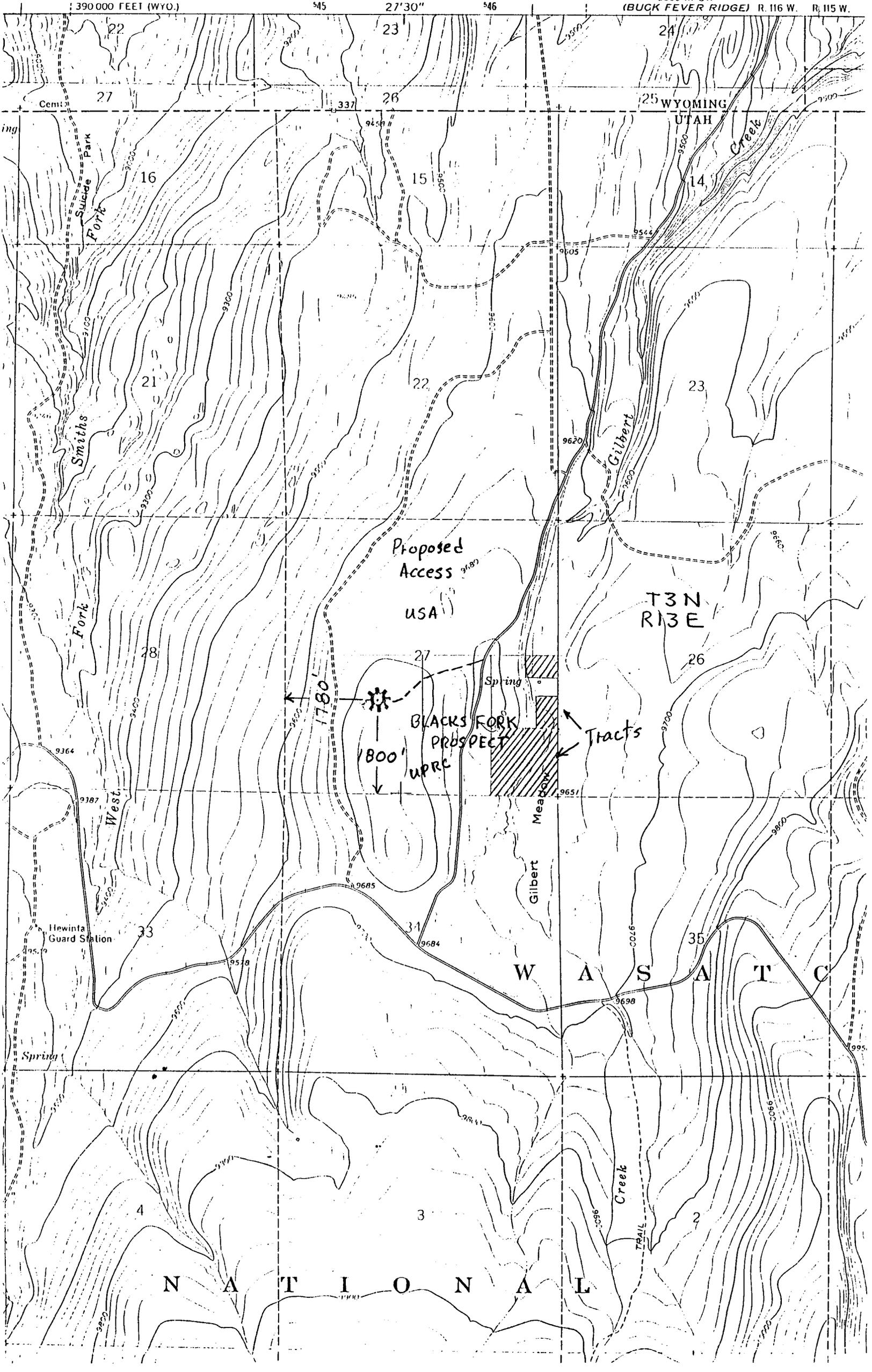
*John Hampton*  
 Signature of Applicant/Agent

390000 FEET (WYO.)

545

27'30"

546





STATE ACTIONS

Mail to:  
RDCC Coordinator  
116 State Capitol  
Salt Lake City, Utah 84114

1. ADMINISTERING STATE AGENCY  
OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203
2. STATE APPLICATION IDENTIFIER NUMBER:  
(assigned by State Clearinghouse)
3. APPROXIMATE DATE PROJECT WILL START:  
July 10, 1990
4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:  
(to be sent out by agency in block 1)  
Mountainland Association of Governments
5. TYPE OF ACTION:  Lease  Permit  License  Land Acquisition  
 Land Sale  Land Exchange  Other \_\_\_\_\_
6. TITLE OF PROPOSED ACTION:  
Application for Permit to Drill
7. DESCRIPTION:  
Amoco Production Company proposes to drill a wildcat well, the UPRC 1-27 #1, on a private lease in Summit County, Utah. this action is being presented to RDCC for consideration of resource issues affecting state interests. The DOGM is the primary administrative agency in this case and must issue approval to drill before operations can commence.
8. LAND AFFECTED (site location map required) (indicate county)  
SW/4, SW/4, Section 27, Township 3 North, Range 13 East, Summit County, Utah
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?  
Unknown
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:  
No significant impacts are likely to occur
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
12. FOR FURTHER INFORMATION, CONTACT: John Baza  
PHONE: 538-5340
13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL  
*John R. Baza*  
DATE: 6-19-90 Petroleum Engineer

WOI152

DRILLING LOCATION ASSESSMENT

State of Utah  
Division of Oil, Gas and Mining

OPERATOR: AMOCO PRODUCTION COMPANY WELL NAME: UPRC 1-27  
SECTION: 27 TWP: 3N RNG: 13E LOC: 1780 FWL 1800 FSL  
QTR/QTR NE/SW COUNTY: SUMMIT FIELD: WILDCAT  
SURFACE OWNER: UPRC  
SPACING: 460 F SECTION LINE 460 F QTR/QTR LINE 920 F ANOTHER WELL  
INSPECTOR: BRAD HILL DATE AND TIME: 6/26/90 11:00

PARTICIPANTS: Bill Wengert-Wyoming Game & Fish; Kim Foiles, Bob Odden-USFS; Dan Jarvis-DOGMA; Gary Sandberg, Bobby Bren-Carley-AMOCO

REGIONAL SETTING/TOPOGRAPHY: Northern slope of the Uinta Mountains. The area the location and access will be built on is fairly flat with a gentle slope to the north and west.

LAND USE:

CURRENT SURFACE USE: None.

PROPOSED SURFACE DISTURBANCE: A 450' X 450' pad will be constructed including the reserve pit. Approximately 2100' of access road will be built.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None. Gilbert Creek is over 1/2 mile to the east of location. The ground, at the pad site, slopes away from Gilbert Creek.

FLORA/FAUNA: The flora consists mainly of Lodgepole Pine with sparse Lupine and scattered grasses./Deer, Elk, Birds, insects.

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Sandy loam with cobbles and gravel.

SURFACE FORMATION & CHARACTERISTICS: Quaternary Alluvium

EROSION/SEDIMENTATION/STABILITY: There is no active erosion or sedimentation occurring on the site at present. The location and roads should be stable.

PALEONTOLOGICAL POTENTIAL: None observed.

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Dakota-15,925'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated.

CULTURAL RESOURCES/ARCHAEOLOGY: NA

CONSTRUCTION MATERIALS: Mostly onsite materials will be used with the exception of gravel which may be hauled in for road surface.

SITE RECLAMATION: As per UPRC specifications.

RESERVE PIT

CHARACTERISTICS: The reserve pit will be 175'X 150'X 11'.

LINING: AMOCO has agreed to line the pit with a synthetic liner. Minimum thickness is to be 12 mils.

MUD PROGRAM: 0-500'/spud mud; 500-9,000'/LSND; 9,000-TD/KOH-PHPA

DRILLING WATER SUPPLY: East Fork Of the Smiths Fork, Wyoming

OTHER OBSERVATIONS

There will be no surface damages paid to UPRC. Timber will be cut and stacked. This area has been previously logged. Nearby cabin owners are concerned about a spring which is 1/2 mile east of the location. AMOCO will sample and analyze water from the spring prior to commencing operations. USFS biologists have determined that the well will not be detrimental to wildlife or wildlife habitat. AMOCO would like to spud this well around the second week of July.

STIPULATIONS FOR APD APPROVAL

Reserve pit is to be lined with a synthetic liner.

Pad is to be constructed so as to prevent runoff from the location.

ATTACHMENTS

Photographs will be placed on file.

Division of Oil, Gas and Mining  
**PHONE CONVERSATION DOCUMENTATION FORM**

Route original/copy to:

Well File UPRC 1-27 #1

Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

Other  
\_\_\_\_\_  
\_\_\_\_\_

(Location) Sec 27 Twp 3N Rng 13E  
(API No.) \_\_\_\_\_

1. Date of Phone Call: 7-16-90 Time: 10:15 am

2. DOGM Employee (name) John Baza (Initiated Call   
Talked to: Bobbie Bran-Carley, Tim Anderson  
Name \_\_\_\_\_ (Initiated Call  - Phone No. (303) 830-4542  
of (Company/Organization) Amoco Production Co.

3. Topic of Conversation: BOP plan for drilling - use of  
2000# annular preventer from 500 - 9000'.

4. Highlights of Conversation: Based on offset info, their biggest  
concern is lost circ. in upper part of hole -  
not worried about pressure kicks too much.

Offset wells: Texaco Steel Creek well 11-2N-12E  
Texaco well in Wyoming 13-12N-116W  
Chevron # 1-25 25-3N-13E

Because of their similarity to casing programs on  
Texaco wells, current proposal seems OK. I will  
include stipulation in approval to allow for  
contingency string of 13 3/8" casing in case of  
hole problems.

OPERATOR Amoco Production Company DATE 6-19-90

WELL NAME JPRC 1-07 #1

SEC S45W 07 T 3N R 13E COUNTY Summit

43-043-30090  
API NUMBER

fee  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD SLBM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within sec 07 3N 13E

Resite / (Geology review)

ROCC 6-19-90

Water Permit

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 3-30-92

APPROVAL LETTER:

SPACING:

R615-2-3

N/A  
UNIT

R615-3-2

N/A  
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1- fee

0- Water Permit

3- If unforeseen hole problems are encountered after drilling out of the 20" casing, the operator shall evaluate the feasibility of setting an additional 13 3/8" casing string and notify the Division of any changes in plans.

0218T

4. The reserve pit is to be lined with a synthetic liner.

5. The well pad will be constructed to prevent surface runoff from location.



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

July 16, 1990

Amoco Production Company  
P. O. Box 800, Rm 1844  
Denver, Colorado 80201

Gentlemen:

Re: UPRC 1-27 #1 - SW SW Sec. 27, T. 3N, R. 13E - Summit County, Utah  
1800' FSL, 1780' FWL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-2, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Amoco Production Company, as designated operator, is the bonded principal in reference to this Application for Permit to Drill. Should this designation change or a transfer of ownership occur, liability will remain with the designated operator until the Division is notified by letter of a new bonded principal.
2. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
3. If unforeseen hole problems are encountered after drilling out of the 20" casing, the operator shall evaluate the feasibility of setting an additional 13 3/8" casing string and notify the Division of any changes in plans.
4. The reserve pit is to be lined with a synthetic liner.
5. The well pad will be constructed to prevent surface runoff from location.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.

Page 2  
Amoco Production Company  
UPRC 1-27 #1  
July 16, 1990

2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-043-30296.

Sincerely,



R. J. Fifth  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
J. L. Thompson  
WE14/1-2



MIKE SULLIVAN  
GOVERNOR

GORDON W. FASSETT  
STATE ENGINEER

## *State Engineer's Office*

HERSCHLER BUILDING, 4-E  
CHEYENNE, WYOMING 82002-0370  
(307) 777-7354  
FAX (307) 777-5451

August 6, 1990

Marvin Bollschweiler  
P.O. Box 668  
Evanston, WY 82931-0668

Re: Black's Fork Prospect  
Temporary Use Agreement

Dear Mr. Bollschweiler:

We received today a new Water Agreement for the oil/gas well referenced above, but from the "Miller, Heide & Hawkins Ditch" instead of State Line Reservoir as filed earlier. This new agreement will be processed immediately, assuming you wish to substitute the earlier State Line Reservoir agreement with this new one and apply the \$25 filing fee sent previously to the new agreement. We are returning herewith the unprocessed State Line Reservoir agreement.

We regret that there may have been some disagreement over the feasibility of regulating the earlier State Line Reservoir proposal, and hope that future regulation questions can be properly resolved by contacting this office prior to entering into an agreement.

Marvin Bollschweiler  
August 6, 1990  
Page 2

The Wyoming State Engineer's Office wishes to accommodate oil and gas exploration within the State. Please let us know if we can be of any further assistance.

Best regards,



Jade Henderson  
WATER RIGHTS ANALYST

JH/nlp

cc: Gary Sundberg  
Amoco Production Company  
Wamsutter Operations Center  
P.O. Box 157  
Wamsutter, WY 82336

Bobbi L. Bren-Carley  
Amoco Production Company  
1670 Broadway  
P.O. Box 800  
Denver, CO 80201

John Teichert, Superintendent  
Box 190  
Cokeville, WY 83114

Derrill Carpenter, Commissioner  
Mountain View, WY 82939

AMOCO PRODUCTION COMPANY  
TULSA, OKLAHOMA

Form 587 May 86

Denver Region  
No Protest

Location  
At Sight

August 9<sup>th</sup>

19 90

No. 452400

Pay To The Order of Malcolm Harvey  
PROPERLY ENDORSE THIS ITEM AND NEGOTIATE AS A CHECK

\$ 3000<sup>00</sup>

Three thousand and 00/100

Dollars

In Payment Of Water Agreement for  
Usage on UPEC 1-27  
@ \$2/100 gal for 1.5mm gal.  
Cashing Draft Relinquishes Claim

PAYABLE THROUGH  
The First National Bank and Trust Company  
Tulsa, Oklahoma

86-1  
1039

Balke Brun Casley

⑈452400⑈ ⑆103900010⑆

0030098⑈

RECEIVED  
AUG 24 1990

"EXHIBIT A"

WATER AGREEMENT  
For Temporary Use of Water

DIVISION OF  
OIL, GAS & MINING

THIS AGREEMENT, made and entered into this 4 day of Aug.

19 90, by and between Amoco Production Company P.O. Box 157

of Wamsutter Wyoming 82336 hereinafter referred to as  
(address)

the "USER" and Malcolm Harvey 1773 W 200 North Kaysville Utah 84037  
(water appropriator's name and full address)

hereinafter referred to as "APPROPRIATOR".

WITNESSETH:

1. Upon receiving authority from the State Engineer, State of Wyoming,  
Appropriator shall deliver to the User, a total amount of 1,500,000  
(number of gallons)  
of water from the following described appropriation:

Terr. 1864 PROOF 275B  
(Permit Number)

Miller, Heide & Hawkins  
(Name of ~~WBXX~~ Ditch or ~~RESERVOIR~~)

1864  
(Priority)

Smith's Fork Creek, Trib., Black's Fork River  
(Source of Supply)

5.90 C.F.S.  
(Amount of Appropriation)

Sec. 31 T. 14 R. 115  
(Location of Record Point of Diversion of Ditch  
or Outlet or Reservoir or Well under this Approp-  
riation)

2.35 C.F.S.  
(Portion of this Appropriation  
held by Water Appropriator)

N.W. 1/4 N.E. 1/4 Sec. 5 T. 12 R. 115  
(Location of User's Point of Diversion)

2. The water to be supplied by Appropriator to the User shall be supplied  
at a maximum rate of 75 G.P.M.  
(gallons per minute)

with total daily diversion of 4200  
(gallons per day)

and said water shall be used for ( Industrial ) Gas & oil Drilling Fluid  
(Indicate where and for what purpose water will be

used and describe method and point of withdrawal, etc.)

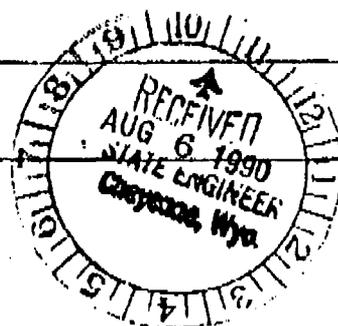
Water Will be pumped into tank trucks from Smith's Fork in the N.W. 1/4 N.E. 1/4 Sec 5 T 12  
R. 115 and Hauled along existing and new roads to Point of Use in the N.E. 1/4 S.W. 1/4 Sec.  
27 T. 3N R. 13E in the State of Utah. UPRC 1-07 #1 43-043-37090

Drilling site will be known as Black's fork Prospect , Water Haul

OFFICE USE ONLY

This Agreement was received August 6, 1990

Fee paid \$ 25.00



"EXHIBIT A"

USER:

By Amoco Production Co.

Title Minor Edschuler (agent)

APPROPRIATOR:

Malcolm R. Harvey

APPROVED:

Philip A. Velaz

for State Engineer of Wyoming

August 8, 1990 Date

## INSTRUCTIONS

1. This form is to be used for Agreements involving adjudicated and valid unadjudicated water rights.
2. All locations required to be given under this Agreement shall be described by legal subdivision, section, township and range.
3. The sketch map furnished should show the location of the ditch, pipeline or reservoir or well, the location of the source of supply of the appropriation involved and the location of the point of diversion, the location of the area of use and a brief narrative giving a general description of the proposed temporary use.
4. One (1) fully executed Agreement shall be forwarded to the State Engineer's Office. Upon approval by the State Engineer, a fully executed copy will be returned to the parties to the Agreement.
5. Required size of sketch map is 8½ x 11", 8½ x 14" or multiples thereof.
6. If applicable, the signatures of both husband and wife are required on the Agreement.
7. A fee of Twenty-Five (\$25.00) dollars must accompany each application.
8. Where irrigation rights are involved in any agreement, the right to divert water is limited to the historic irrigation period and when any type of right is involved, water can be used only when that right is in priority.

(This Agreement can only be honored during the historic irrigation period; therefore, if water is to be used in the non-irrigation period, an application for direct flow for temporary use would be in order)

THESE LIMITATIONS TO APPLY TO AGREEMENTS USING DIRECT FLOW WATER FOR IRRIGATION PURPOSES.

## NOTE:

Water Agreements will be processed as expeditiously as possible, but you should allow at least 5 working days for the processing of these agreements.

ORDER NO. 90-69

Amoco Production Company, having filed a Water Agreement for Temporary Use of Water for:

the use of direct flow water from the Miller, Heide and Hawkins Ditch with a record point of diversion in Section 31, T.14N., R.115W., diverting from Smith's Fork Creek, tributary Black's Fork River, Terr. Proof No. 2758,

and the State Engineer finds as follows:

That said Amoco Production Company, wishes to use this water for gas and oil well drilling in NE $\frac{1}{4}$ SW $\frac{1}{4}$  Section 27, T.3N., R.13E. in the State of Utah. Water is to be drawn from the NW $\frac{1}{4}$ NE $\frac{1}{4}$  Section 5, T.12N, R.115W. and hauled along existing and new roads to point of use as outlined on the attached map marked Exhibit "B."

That, in connection with said work, it is necessary that said Amoco Production Company, have considerable water available to it;

That the most practicable source of said water is from:

Miller, Heide and Hawkins Ditch, Terr. Proof No. 2758 with point of diversion in Section 31, T.14N., R.115W. The right is adjudicated in the names of Madge Coburn in the amount of 2.25 cfs; Sarah E. Schell Chambers in the amount of 1.55; Joseph M. Miller in the amount of 2.10 for a total amount of 5.90 and to be used for domestic, stock and irrigation purposes. The priority date is 1864. The portion of this appropriation of 2.35 cfs is currently held by Malcolm Harvey.

That said water is to be diverted at a point in the

NW $\frac{1}{4}$ NE $\frac{1}{4}$  Section 5, T.12N., R.115W., Uinta County, Wyoming.

That Amoco Production Company and Malcolm Harvey have made and entered into a certain agreement, dated August 4, 1990 relating to the use and purchase of said water in the amount of approximately 1,500,000 gallons to be diverted at a rate not to exceed 75 gallons per minute or 4,200 gallons per day agreement is marked "Exhibit A", attached hereto, and by reference made a part thereof, and a sketch map showing the proposed point of diversion and point of use is marked "Exhibit B", attached hereto, and by this reference made a part thereof:

That said Water Agreement should be granted and said agreement ratified and approved.

The Miller, Heide and Hawkins Ditch will be regulated by the water commissioner to protect the appropriators who might be affected by this agreement. At all times when water is being diverted for drilling purposes, as outlined herein, the allowable amount of water for diversion to serve the irrigation rights of this ditch will be reduced by double the amount of water withdrawn for drilling or construction purposes. This reduction in diversion will compensate the stream for return flows which would have resulted if the water had been used for record purposes. Additional adjustment will be made if necessary to protect the other affected water users.

This agreement can only be honored during this historic irrigation period, therefore, if water is to be used in the non-irrigation period, an application for direct flow for temporary use will be in order.

The water will be diverted from the NW $\frac{1}{4}$ NE $\frac{1}{4}$  Section 5, T.12R., R.115W. Water will be pumped into tank trucks from Smith's Fork and hauled along existing and new roads to point of use in the NE $\frac{1}{4}$ SW $\frac{1}{4}$  Section 17, T.3N., R.13E in the State of Utah. Drilling site will be known as Black's Fork Prospect Water Haul. Water will be used for gas and oil well drilling as outlined on the attached map marked "Exhibit B."

Amoco Production Company is to inform the Water Commissioner of the date they wish to begin diverting water, and this diversion of water will be done at all times under the supervision of the Water Commissioner.

The maximum rate of diversion will be 75 gallons per minute or 4,200 gallons per day. The total amount of water used under this agreement must not exceed 1,500,000 gallons.

IT IS, THEREFORE, ORDERED that said agreement be, and the same is hereby ratified and approved, and that Amoco Production Company is authorized to purchase and use said water, as provided for in said agreement, until February 8, 1991 or until said drilling purposes is complete, whichever comes first, at which time said water shall revert to their former use, all as provided by Wyoming Statute 41-3-110.

*Deep A. Velazquez*

FOR STATE ENGINEER

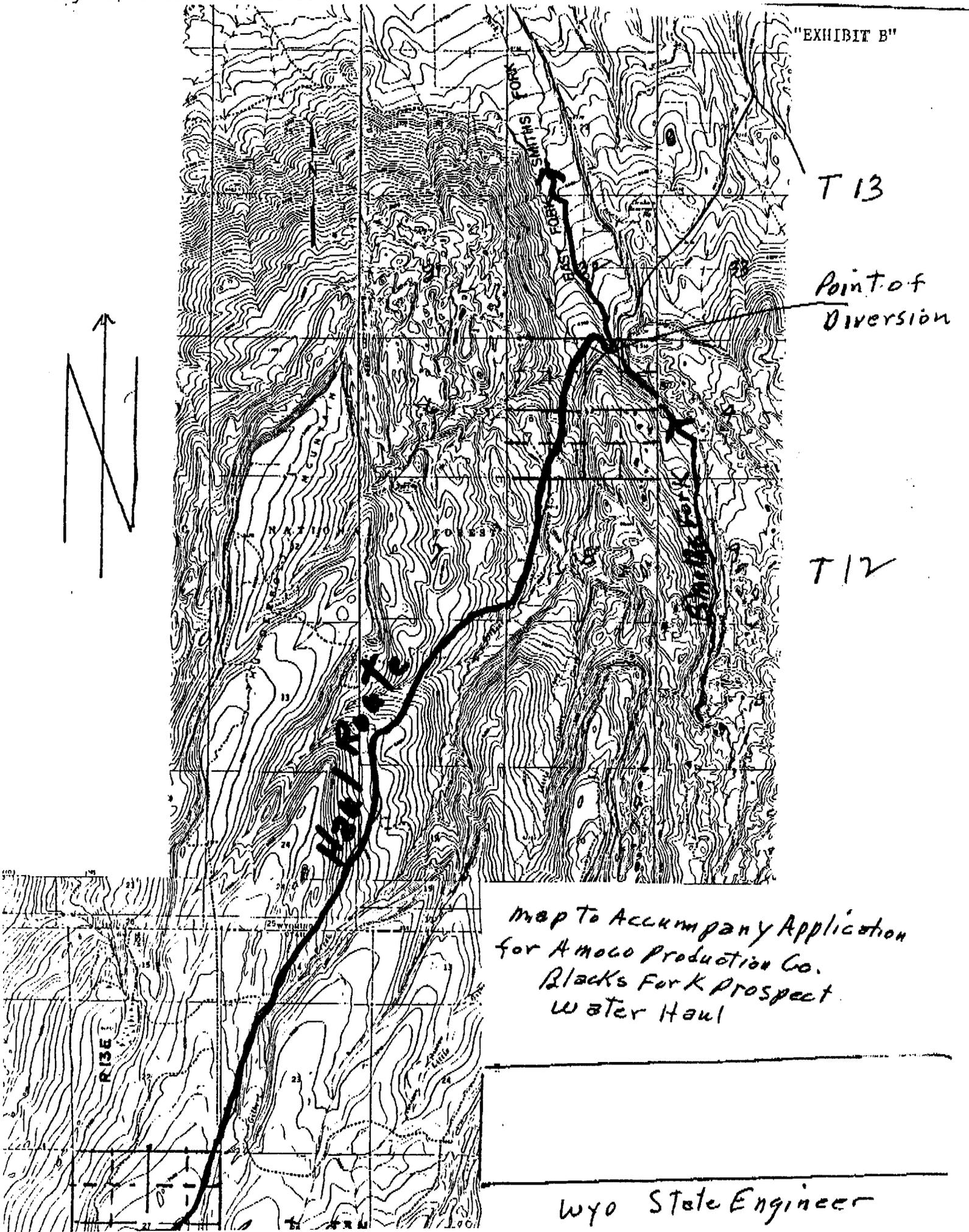
August 8, 1990  
Order Number 90-69

"EXHIBIT B"

T 13

Point of  
Diversión

T 12



Wyo State Engineer



3/13/27  
H3-043-30296

**Amoco Production Company**

Denver Region  
1670 Broadway  
P.O. Box 800  
Denver, Colorado 80201  
303-830-4040

D. R. Weekley  
Regional Drilling Manager

**RECEIVED**  
AUG 29 1990

August 27, 1990

DIVISION OF  
OIL, GAS & MINING

Utah Board of Oil, Gas and Mining  
Suite 350, 3 Triad Center  
355 West North Temple  
Salt Lake City, UT 84180-1203

Attn: Brad Hill

File: JLH-317-400.1-WF

Water Sample Analysis

Attached are copies of the water analysis taken from the spring near the cabin sites at our UPRC 1-27 location.

Similar analysis will be provided after the well is drilled for comparative purposes.

If you have any questions, please call B. L. Bren-Carley at (303) 830-4542.

*D. R. Weekley*

BLBC/nmh

Attachment

OIL AND GAS	
DFN	RJF
JFB	GLH
DIS	SLS
1-BGH	✓
2- MICROFILM	✓
3- FILE	

✓

HAUCK ANALYTICAL SERVICES  
613 MEADOWLARK LANE  
RIVERTON, WY 82501  
307-856-8183

43-043-30296

COMPANY: AMOCO  
DATE RECEIVED: July 12, 1990  
DATE SAMPLED: July 11, 1990  
SAMPLE NUMBER: 332  
FIELD: NESE SEC27 T3N R13E  
COUNTY:  
STATE: ~~Utah~~ Utah

LEASE OR UNIT: Black Fork Prospect  
WELL: # 1  
DEPTH: Surface  
FORMATION:  
PRODUCTION:  
TYPE OF WATER:  
SAMPLE POINT: Spring

API WATER ANALYSIS

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na	2.85	0
Potassium, K	0.0	0.000
Calcium, Ca	5.13	.256
Magnesium, Mg	.194	.016

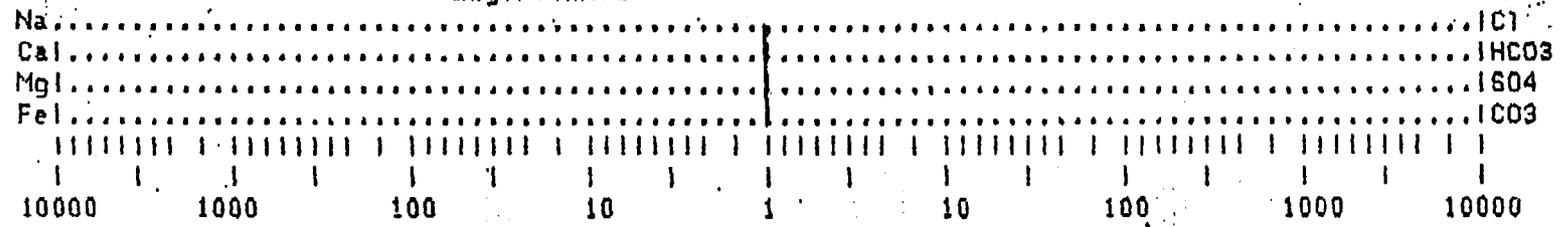
OTHER PROPERTIES

PH	9.0
Resistivity (ohm-meters)	190
77 Deg. F.	

ANIONS	mg/l	me/l
Chloride, Cl	3.55	.100
Sulfate, SO4	0	0.0
Carbonate, CO3	0	0.0
Bicarbonate, HCO3	18	.296
Hydroxide, OH	0	0.0

Dissolved Solids 29.8

WATER PATTERN (me/l)  
Logarithmic



*Eugene M. Hauck*  
Eugene M. Hauck, Chemist

HAUCK ANALYTICAL SERVICES  
613 MEADOWLARK LANE  
RIVERTON, WY 82501  
307-856-8183

COMPANY: AMOCO  
DATE RECEIVED: July 12, 1990  
DATE-SAMPLED: July 11, 1990  
SAMPLE NUMBER: 333  
FIELD: NESE SEC27 T3N R13E  
COUNTY:  
STATE: ~~Utah~~ Utah

LEASE OR UNIT: Black Fork Prospect  
WELL: # 1  
DEPTH: Surface  
FORMATION:  
PRODUCTION:  
TYPE OF WATER:  
SAMPLE POINT: Gilbert Creek

API WATER ANALYSIS

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na	4.19	0
Potassium, K	0.0	0.000
Calcium, Ca	4.97	.248
Magnesium, Mg	1.36	.112

OTHER PROPERTIES

PH.....: 7.6  
Resistivity (ohm-meters): 159  
77 Deg. F.

ANIONS	mg/l	me/l
Chloride, Cl	5.32	.150
Sulfate, SO4	0	0.0
Carbonate, CO3	0	0.0
Bicarbonate, HCO3	23.9	.392
Hydroxide, OH	0	0.0

Dissolved Solids 39.7

WATER PATTERN (me/l)  
Logarithmic



*Eugene M. Hauck*  
Eugene M. Hauck, Chemist

DIVISION OF OIL, GAS AND MINING

API NO. 43-043-30296

SPUDDING INFORMATION

NAME OF COMPANY: Amoco Production Company

WELL NAME: UPRC 1-27 #1

SECTION SWSW 27 TOWNSHIP 3N RANGE 13E COUNTY Summit

DRILLING CONTRACTOR Nobel

RIG # N-132

SPUDDED: DATE 9-21-90

TIME 19:00 hrs

HOW Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Barbara Brinkly

TELEPHONE # 303-830-4542

OIL AND GAS	
DN	RJF
PH	GLH
	SLS
1-TAS	
2-JLT	
3- MICROFILM	
4- FILE	

DATE 9-25-90 SIGNED \_\_\_\_\_ TAS TAKEN BY: GLH

\* DRILLING WELL

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
DRILLING AND WELL PLUGGING INSPECTION FORM

11/10/1990

COMPANY: AMOCO COMPANY MAN: FELTZ PEDERSEN  
WELL NAME: BLACK'S FORK PROSPECT NO 1 API #: 43 043 30296  
QTR/QTR: NE SW SECTION: 27 TWP: 03 N. RANGE: 13 E.  
CONTRACTOR: NOBLE #132 PUSHER/DRLR: \_\_\_\_\_  
INSPECTOR: MICHAEL D. LAINE DATE: 9/25/90 OPERATIONS: SETTING CONDUCTOR PIPE  
SPUD DATE: 9/22/90 TOTAL DEPTH: PTD. 575'

DRILLING AND COMPLETIONS

APD       WELL SIGN      \_\_\_\_\_ BOPE      \_\_\_\_\_ RESERVE PIT  
\_\_\_\_\_ FLARE PIT      \_\_\_\_\_ BURN PIT      \_\_\_\_\_ H2S      \_\_\_\_\_ BLOOIE LINE  
\_\_\_\_\_ SANITATION      \_\_\_\_\_ HOUSEKEEPING      \_\_\_\_\_ VENTED/FLARED

PLUGGING AND ABANDONMENT

PRODUCING FM(S): \_\_\_\_\_

PLUGS:	TYPE/SIZE	INTERVAL

PERFORATIONS: \_\_\_\_\_

CASING SIZE: \_\_\_\_\_ PULLED: YES / NO      CUT AT: \_\_\_\_\_

PLUGS TESTED: \_\_\_\_\_ HOW: \_\_\_\_\_ WOC: \_\_\_\_\_

MARKER: \_\_\_\_\_ SURFACE: \_\_\_\_\_ PLATE: \_\_\_\_\_

RECLAMATION:

CONTOURED: \_\_\_\_\_ RIPPED: \_\_\_\_\_ REHAB'D: \_\_\_\_\_

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS: RIG PHONE 307-780-8076, ALT. COMPANY MAN:  
VERNON "FUZZ" HAWKS. WILL SET 5800' SURFACE CASING BEFORE  
30P.

OPERATOR Amoco Production Company  
ADDRESS 1670 Broadway  
Denver, CO 80202

OPERATOR ACCT. NO. N 0050

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11116	4304330296	UPRC 1-27 #. 1	NE/SW	27	3N	13E	Summt	9/21/90	9/21/90

WELL 1 COMMENTS: Establish new entity for new well

WELL 2 COMMENTS: Fee-Lease Proposed Zone - DATA  
Field-wildcat (New entity 11116 added 10-2-90) JEP  
Unit - N/A

OIL AND GAS	
DFN	RJF
JPB	GLH
DIB	SLS
V. K. R.	
2	MICROFILM ✓
3	FEE ✓

WELL 3 COMMENTS:

**RECEIVED**  
SEP 28 1990

WELL 4 COMMENTS:

DIVISION OF  
OIL, GAS & MINING

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

J. L. Hampton  
Signature  
Sr. Staff Adm. Supv. 9/25/90  
Title Date  
Phone No. (303) 830-4542

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. Test Report

B.O.P. Test Performed on (date) 10/27/90

Oil company Amaco

Well Name & Number UPRC 1-27 #1

DEC 01 1990

Section 27

Township 3 N

Range 13 E

County Summit

Drilling Contractor Noble 132

Oil Company Site Representative Tom

Rig Tool Pusher Murry

Tested out of Evanston

Notified Prior to Test 24 hrs

Copies of this Test Report sent to: BLM

VT State

oil Co. Site Rep

Original chart & Test Report on file at: Evanston

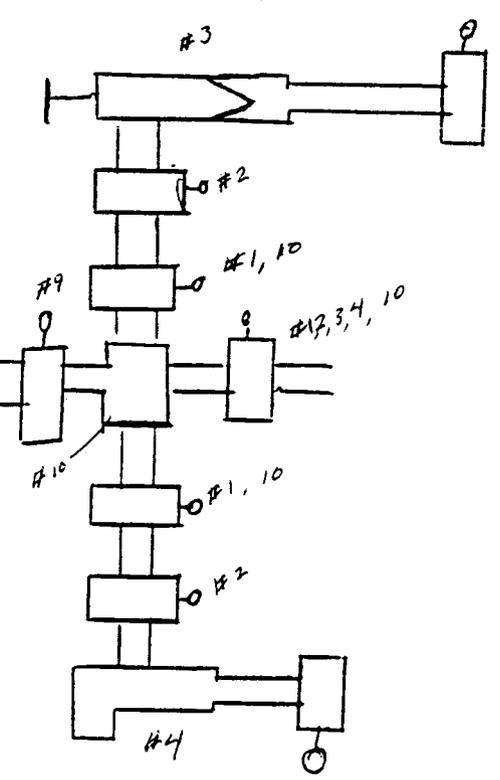
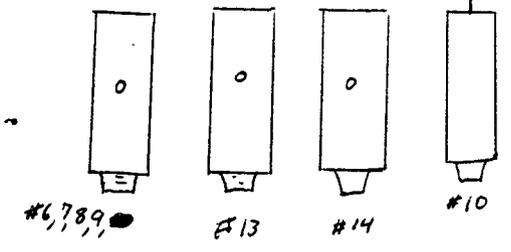
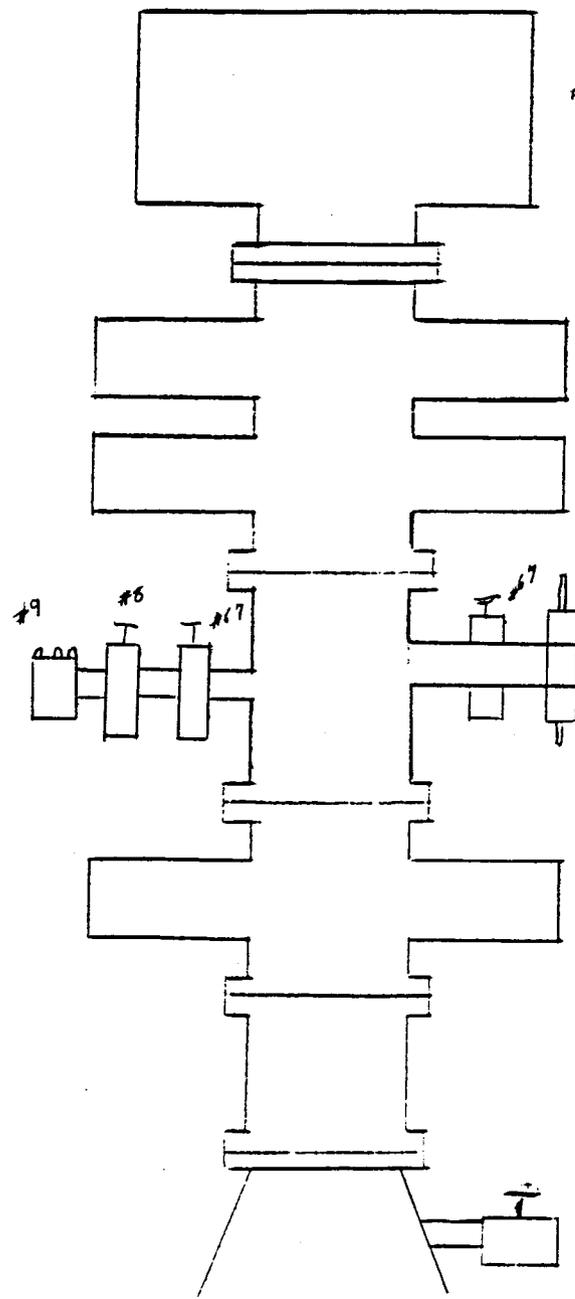
Tested by: Double Jack Testing & Services, Inc.  
108 Parkview Road  
P.O. Box 2097  
Evanston, Wyoming 82930



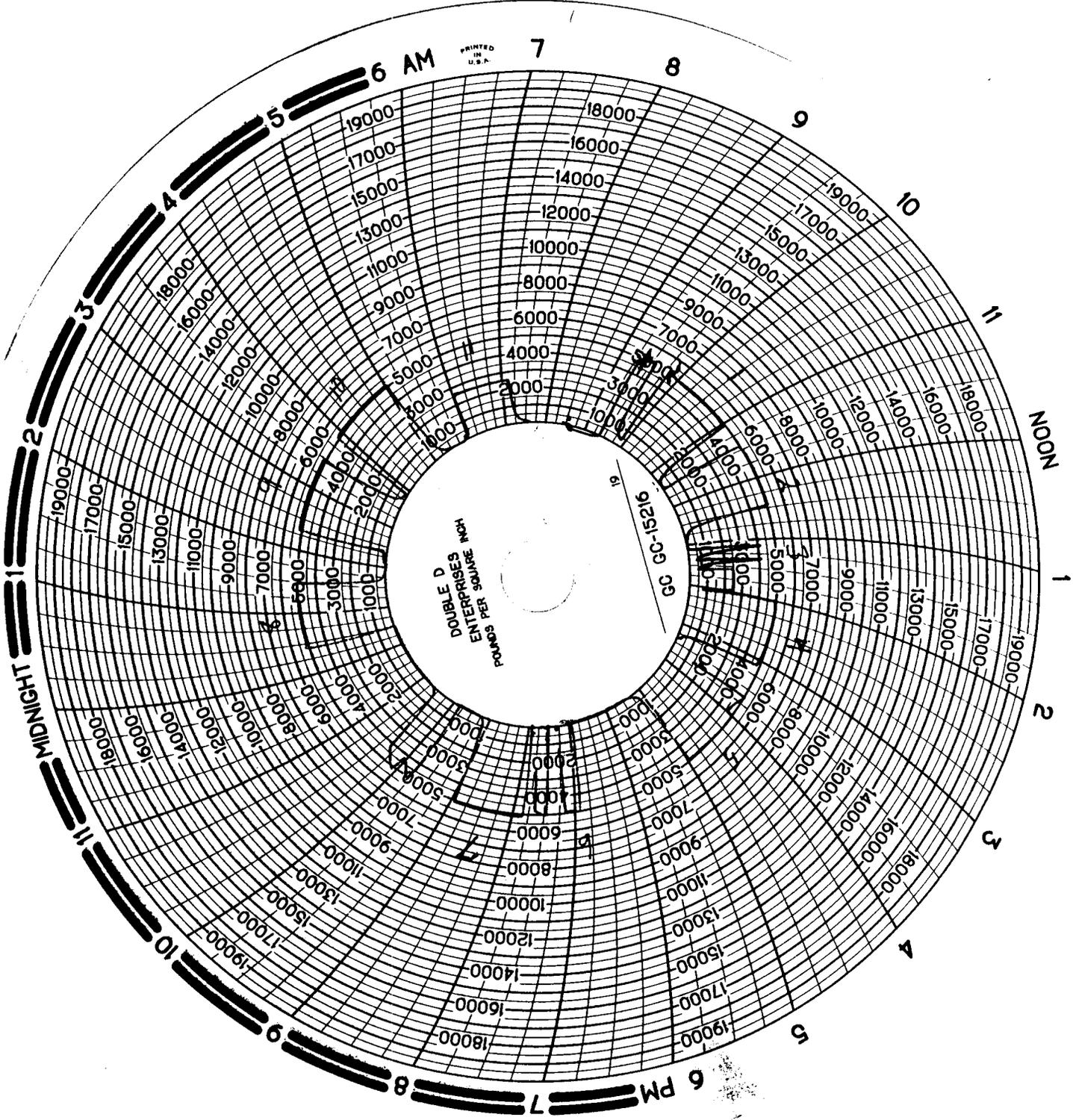
DOUBLE JACK TESTING & SERVICES, INC.  
 P O BOX 2097  
 EVANSTON, WY. 82431-2097

LEASE AND WELL NAME #	TEST DATE	RIG NAME & #
Amoco UPRC 1-27 #1	10/27/90	Noble 132

ST #	TIME	INFORMATION
#1	3:45 pm	Test 1st Manifold values
#2	4:00 pm	Test 2nd Manifold values
#3	4:15 pm	Run into Manual choke
#4	4:30 pm	Run into and Test super choke
#5	4:45 - 6:30	wait on Keamy lines
#5	6:35 pm	lower pipe rams, TIW,
#6	7:00 pm	Top pipes, TIW No Test leak on double gate Tight Flange
#7	7:50 pm	Top pipe rams, TIW, 1st choke line, 1st Kill values
#8	8:35 pm	Top pipe rams, TIW, 2nd Kill value, HCR
#9	8:55 pm	Top pipes, TIW, check, 3rd choke line value
#10	9:10 pm	Top pipe rams, DROT, check, riser, 1st manifold
#11	9:25 pm	Hydrol
#12	10:05 pm	Blind rams
#13	10:40 pm	Lower Kelly
#14	11:00 pm	Top Kelly



PRINTED  
IN  
U.S.A.





Conf

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. Test Report

B.O.P. Test Performed on (date) 10/28/90

Oil Company Amoco

Well Name & Number UPRC 1-27 #1

43-043-30296

DRL

Section 27

Township 3 N

Range 13 E

County Summit

Drilling Contractor Noble 132

Oil Company Site Representative Tom

Rig Tool Pusher Murray

Tested out of Evanston

Notified Prior to Test 12 hrs

Copies of This Test Report Sent to: BRM

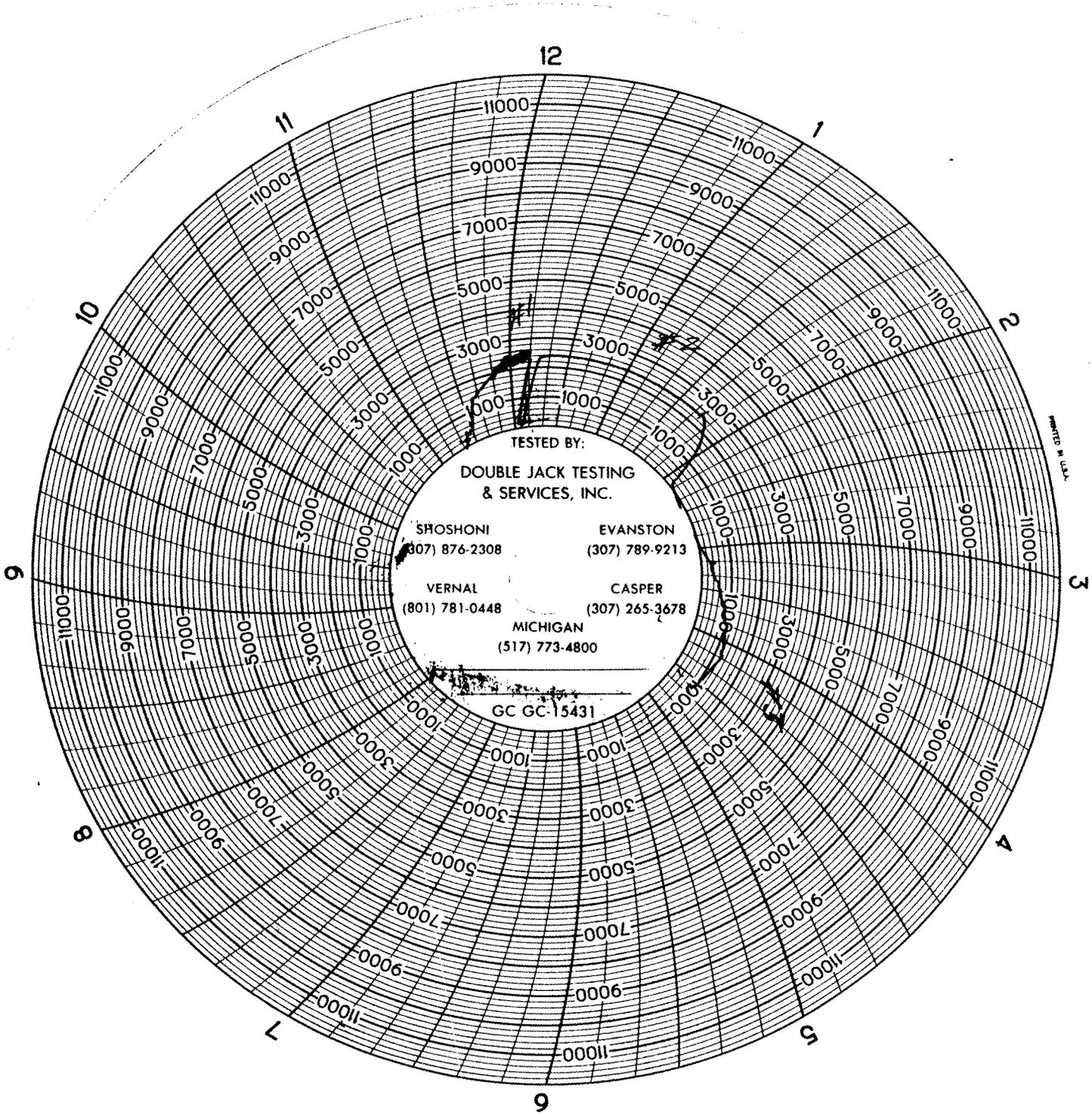
VT State

oil Co. site Rep

Original Chart & Test Report on File at: Evanston

Tested by: Double Jack Testing & Services, Inc.  
108 Parkview Road  
P.O. Box 2097  
Evanston, Wyoming 82920





STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

<p><b>SUNDRY NOTICES AND REPORTS</b> (Do not use this form for proposals to drill or to deepen or plug wells. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION &amp; SERIAL NO. Fee</p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>
<p>2. NAME OF OPERATOR Amoco Production Company</p>		<p>7. UNIT AGREEMENT NAME</p>
<p>3. ADDRESS OF OPERATOR P.O. Box 800, Room 1844, Denver, CO. 80201</p>		<p>8. FARM OR LEASE NAME UPRC 1-27</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1780' FWL x 1800' FSL Section 27 At proposed prod. zone</p>		<p>9. WELL NO. 1</p>
<p>14. API NO. 43-043-30296</p>		<p>10. FIELD AND POOL OR WILDCAT Wildcat</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.)</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec.27, T3N-R13E</p>
<p>12. COUNTY Summit</p>		<p>13. STATE Utah</p>

RECEIVED  
DEC 07 1990

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"/>	(Other) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) Log Confidentiality <input checked="" type="checkbox"/>		DATE OF COMPLETION _____	
APPROX. DATE WORK WILL START _____			

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.)

\* Must be accompanied by a cement verification report.

Amoco requests that all logs associated with the subject location be held confidential for the maximum allowable time, ie: 15 months after well completion. Given the proprietary nature of these logs, confidentiality is important to our future operations.

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

SIGNED *[Signature]* TITLE Sr. Staff Admin. Supv. DATE 12/4/90  
(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  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(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 purposes.)</small>		5. LEASE DESIGNATION & SERIAL NO. Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. AGREEMENT NAME
2. NAME OF OPERATOR Amoco Production Company		8. LEASE OR LEASE NAME UPRC 1-27
3. ADDRESS OF OPERATOR P.O. Box 800, Room 1844, Denver, CO. 80201		9. WELL NO. 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1780' FWL x 1800' FSL Section 27. At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T3N-R13E
14. API NO. 43-043-30296	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY Summit
		13. STATE Utah

RECEIVED

DEC 07 1990

DIVISION OF  
OIL, GAS & MINING

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"/>	(Other) _____	
(Other) Log Confidentiality <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

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.)

\* Must be accompanied by a cement verification report.

Amoco requests that all logs associated with the subject location be held confidential for the maximum allowable time, ie: 15 months after well completion. Given the proprietary nature of these logs, confidentiality is important to our future operations.

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

SIGNED *J.L. Hampton* TITLE Sr. Staff Admin. Supv. DATE 12/4/90  
(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
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPPLICATE
(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.)

Form fields 1-15 containing well information: 1. OIL WELL [X] GAS WELL [X] OTHER [ ] 2. NAME OF OPERATOR Amoco Production Company Room 1046 3. ADDRESS OF OPERATOR P.O. Box 800, Denver, Colorado 80201 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1780' FWL x 1800' FSL Section 27 14. PERMIT NO. 43-043-30296 15. ELEVATIONS (Show whether OP, RT, CR, etc.)

RECEIVED DEC 13 1990

DIVISION OF OIL, GAS & MINING

Form fields 5-13: 5. LEASE DESIGNATION AND SERIAL NO. Fee 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME UPRC 1 - 27 9. WELL NO. 1 10. FIELD AND POOL, OR WILDCAT Wildcat 11. SEC., T., R., M., OR B.L.K. AND SUBVY OR ARDA Sec.27 T3N-R13E 12. COUNTY OR PARISH Summit 13. STATE UT

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) Disposal of drilling fluids [X]. FULL 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.)

Amoco requests approval for underground disposal of drilling fluids into the subject well under Utah Rule R615-3-25. The fluids would be injected into the Ft. Union/Mesaverde formations below the 9 5/8" casing shoe at 9006' (see attached diagram). During drilling operations, mud losses occurred at 9937' - 10142' (70 bbls) and at 12906' (300 bbls) and these intervals are expected to take the injected fluids. For this reason, Amoco requests a waiver from the requirement to run a temperature log. Information on the drilling fluid and volume is as follows:

Estimated volume = 4000 bbls
Mud weight = 9.2 lb/gal
Mud type = Fresh water polymer containing bentonite, barite, potassium hydroxide, SPA and PHPA polymers.

Upon approval, injection of drilling fluids could take place as early as 12/14/90 (if the well is a dry hole).

Should you require any additional information, please call B.L. Bren-Carley at 303 830-4542.

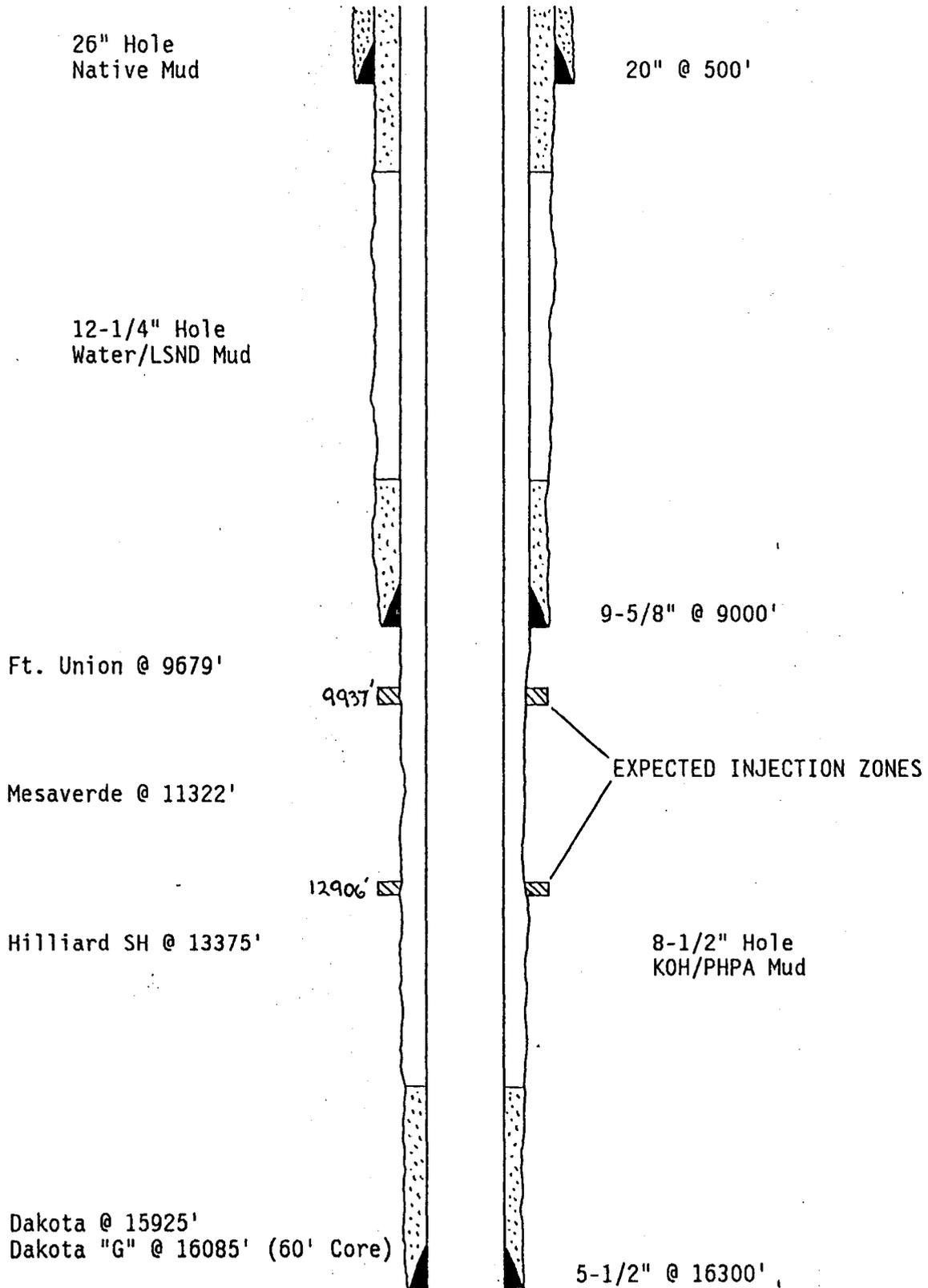
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 12-29-99
BY: [Signature]

18. I hereby certify that the foregoing is true and correct
SIGNED: [Signature] TITLE: Sr. Staff Admin. Secy. DATE: 12/11/90
(This space for Federal or State office use)

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

UPRC 1-27 WELL NO. 1

Wellbore Diagram



Conf

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: Amoco Production Co.

WELLNAME: U.P.R.C.\*1-27#1 API# 43-043-30296

NE/SW SECTION: 27 TWP: 3N RANGE: 13E

INSPECTOR: John L. BERRIER TIME: 11:00pm DATE: 12-31-90

REPRESENTATIVE: Fritz PEDERSEN PUSHER: Larry Christensen

OPERATIONS: Circ & Ru Dowell Schlumberger to plug well

SPUD DATE: 9-22-90 DEPTH: 16,576

DRILLING AND COMPLETIONS:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> SANITATION
<input type="checkbox"/> BOPE	<input type="checkbox"/> BLOOIE LINE	<input type="checkbox"/> H2S
<input type="checkbox"/> VENTED/FLARED	<input type="checkbox"/> RESERVE PIT	<input type="checkbox"/> FLARE PIT
<input type="checkbox"/> BURN PIT	<input type="checkbox"/> HOUSEKEEPING	

PLUGGING AND ABANDONMENTS:

PLUG TYPE	INTERVAL	
100 SX. Class G w/0.3% D65, 0.45% D800 & 35% D66	16,129 - 16,261	Bottom Plug
100 SX Class G w/0.2% D65 & 0.2% D800	8800 - 9143	Middle Plug
10 SX Surface Plug class C w/2% CaCl <sub>2</sub>	Surface	

Bottom PLUG TESTED: Yes. HOW Tagged @ 16,129 WOC 5 hrs.

MARKER:  SURFACE  PLATE

RECLAMATION:

CONTOUR  RIP  REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS: Witnessed cementing of Lower plug and also Tagging of Plug.  
will set Marker and Leave Braden Head - Possible Re-entry @ Later.  
Date.

APPROVED BY \_\_\_\_\_ HOW \_\_\_\_\_ DATE \_\_\_\_\_

\* Note: Verbal approval received from Frank N. Thomas (State of Utah) on 12-20-90. Notify Jim Thompson (801-298-9318) to witness plug setting upon receiving orders to PXA.

UPRC 1 27 Well No. 1

Plug and Abandonment Procedure

1. TII to 16280' with open - ended drill pipe
2. Pump 10 barrels water spacer
3. Mix and spot 100 sx Class G cement as follows:
  - Class "G" with 0.3% D65, 0.45% D800 and 35% D66
  - Weight - 15.8 lb/gal
  - Yield = 1.52 ft<sup>3</sup>/sk
  - Water = 6.26 gal/sk
4. Pump 4 barrels water and displace to balance plug (approx. 277 bbls)
5. Pull up above plug and WOC. Rig up to dispose of excess drilling mud down wellbore.
6. TII and tag plug with drill pipe. Note on IADC and DIMS report.
7. Pull out of hole to 0 5/8" casing shoe. Close annular around drill pipe and pump excess mud downhole. Record GPM, PSI, MW and total bbls disposed for the Sundry Notice.
8. TII with drill pipe to 9140'
9. Pump 10 barrels water spacer
10. Mix and ~~spot~~ 100 sx Class G cement as follows:
  - Class "G" with 0.2% D65 and 0.2% D800
  - Weight - 15.8 lb/gal
  - Yield = 1.15 ft<sup>3</sup>/sk
  - Water = 5.02 gal/sk
11. Pump 4 barrels water and displace to balance plug (approx 153 bbls)
12. Pull out to 70' to set surface plug
13. Mix and spot 25 sx Class C with 2% calcium chloride
14. Pull out and LDDP
15. Put off casing at base of collar or 3' below restored ground level
16. Install 4" x 10' dry hole marker leaving 4' above ground level

Division of Oil, Gas and Mining  
**PHONE CONVERSATION DOCUMENTATION FORM**

Route original/copy to

Well File WPRC 1-27 #1

Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

Other

(Location) Sec 17 Twp 3N Rng 13E  
(API No.) 43-043-30296

1. Date of Phone Call: 12-20-90 Time: 11:00 AM

2. DOGM Employee (name) F. R. MATTHEWS (Initiated Call )  
Talked to:

Name Jim Anderson (Initiated Call ) - Phone No. (303) 830-4136  
of (Company/Organization) AMOCO

3. Topic of Conversation: Possible P & A of

4. Highlights of Conversation:

DAKOTA - 16550 - 16600'

100 sk - 15920 - 16280' Jag plug

No Frontier development.

100 sk plug @ 9 5/8 cas shoe 9006'  
half in & half out.

25 sk plug @ surface w/ all annular space  
cemented to surface.

9.2 ppg mud between plugs.

Will send subsequent notice if and when  
plugging is done.

Division of Oil, Gas and Mining  
**PHONE CONVERSATION DOCUMENTATION FORM**

Route original/copy to:

Well File UPRC 1-27

Suspense  
(Return Date) \_\_\_\_\_

Other \_\_\_\_\_

(Location) Sec 27 Twp 3N Rng 13E

(To - Initials) \_\_\_\_\_

(API No.) 43-043-30296

\_\_\_\_\_

1. Date of Phone Call: 1-3-91 Time: 8:30 Am

2. DOGM Employee (name) Jim Thompson (Initiated Call )  
Talked to:

Name Fuzzy (Initiated Call ) - Phone No. ( ) \_\_\_\_\_

of (Company/Organization) Amoco Production

3. Topic of Conversation: well plugging

4. Highlights of Conversation: Set 2nd plug @ 9143'-8800'  
will set 10 sax surface plug and meet  
dry hole marker and back fill cellar. May  
re-enter well at a later date. Unknown at  
this time. Braden head will be left intact.



# ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY — MUD LOGGING

2450 INDUSTRIAL BLVD.

PHONE (903) 243 3044

GRAND JUNCTION, COLORADO 81505

December 31, 1990

Mr. Ira Pasternack  
AMOCO PRODUCTION COMPANY  
1670 Broadway  
Denver, CO 80202

30296

Dear Mr. Pasternack:

Enclosed are the final logs on your UPRC 1-27 Well #1, located in Section 27, T3N, R13E, of Summit County, Utah.

We appreciated the opportunity to serve you. If we can be of any further assistance to you in the evaluation of zones encountered, please feel free to contact us.

We are looking forward to working with you again in the near future. Thank you again.

Respectfully,

*Andy Kelley*  
Andy Kelley  
President

AWK/wa

DRY CUTS SENT: 3 Sets sent UPS 12/28/90 to Mr. Pasternack

WET CUTS SENT: 1 Set sent UPS 12/28/90 to Mr. Pasternack

ENC: 2 Final Logs 1 sepia to be sent under separate cover

XXC: 2 Final Logs - P.L. Kovach; Texaco Prod.; Denver, CO  
(1 sepia to be sent under separate cover)

2 Final Logs - D. Grahek; Union Pacific Resources; Ft. Worth, TX  
(1 sepia to be sent under separate cover)

2 Final Logs - B. Hill; Utah Board of Oil, Gas & Mining; SLC, UT

BIT RECORD

WELL NAME: UPRC 1-27 well #1 ELEVATION: GL- 9725' KB - 9757'  
 CO. NAME: AMOCO SECTION: 27, T3N, R13E  
 CONTRACTOR: Nobel RIG# 132 CO. & STATE: Summit, UTAH  
 SPUD DATE: 9/22/90 T.D. DATE:

BIT RECORD								FT PER/DAY			DEVIATION SURVEYS	
RUN	SIZE	MAKE	TYPE	IN OUT	FTG	HOURS	FT/HR	DATE	DEPTH	FT	DEPTH	DEV.
15	8 1/2"	SEC	M44	9016'	77'	8 1/2	9	10/27	9016'	-	10334	2 1/2°
16	8 1/2"	STC	F-3	9093'	683'	8 1/2	9.5	10/28	9016'	-	10817	3°
17	8 1/2"	SEC	S86F	9779'	555'	52 1/2	10.5	10/29	9016'	77	11358	2°
18	8 1/2"	HTC	ATJ33	10334'	483'	47 1/2	10.2	10/30	9093'	239	12235	3/4°
19	8 1/2"	HTC	ATJ33C	10817'	541'	62	8.7	10/31	9332'	174	12903	1°
20	8 1/2"	STC	F-3	11358'	153'	22 1/2	6.8	11/1	9506'	212'	13706	2 3/4°
21	8 1/2"	HTC	ATJ44C	11510'	725'	83 1/2	8.7	11/2	9718'	108'	15447	2 1/4°
22	8 1/2"	HTC	ATJ33C	12235	668'	82 1/2	8.1	11/3	9826'	269'	16184	3 1/4°
23	8 1/2"	HTC	ATJ33C	12903	780'	88 1/2	8.8	11/4	10095'	223'		
24	8 1/2"	STC	F-37	13683	68'	10.0	6.8	11/5	10318'	83'		
25	8 1/2"	DBS	PD-4	13751	1737'	63.5	27.8	11/6	10,401	257'		
26	7 7/8"	STC	F-37	15488	98'	14.5	6.8	11/7	10658'	159'		
27	7 7/8"	HTC	ATJ44C	in 15658 out 16001	415'	69	6	11/8	10817'	82'		
28	7 7/8"	SEC	M89TF	in at 16011	41'	15	2.7	11/9	10899'	195'		
29	7 7/8"	HTC	ATJ44C	16052	132'	23.5	5.6	11/10	11094'	213'		
30	7 7/8"	DBS	CMD456	16184	0	0	0	11/11	11,307	51'		
31	6 1/8"	DBS	CMD456	16184	39	21.5	1.81	11/12	11,358	153'		
32	7 7/8"	HTC	ATJ44C	16223	202	35	5.8	11/13	11,511	101'		
33	7 7/8"	STC	F-45	16445	131	42	3.1	11/14	11,612	172'		
								11/15	11,784	202'		
								11/16	11,986	237'		
								11/17	12,223	75'		
								11/18	12,298	239'		

NOTE 9' depth correction after strap out  
 Core bit #1  
 Core bit #2

**BIT RECORD**

WELL NAME: UPRC 1-27 well #1 ELEVATION: GL- 9725' KB - 9757'  
 CO. NAME: AMOCO SECTION: 27, T3N, R13E  
 CONTRACTOR: Nobel RIG# 432 CO. & STATE: Summit, Utah  
 SPUD DATE: 9/22/90 T.D. DATE: \_\_\_\_\_

BIT RECORD								FT PER/DAY			DEVIATION SURVEYS	
RUN	SIZE	MAKE	TYPE	IN OUT	FTG	HOURS	FT/HR	DATE	DEPTH	FT	DEPTH	DEV.
								11/19	12537	170'		
								11/20	12707	196'		
								11/21	12891	19'		
								11/22	12910	165'		
								11/22	13075	201'		
								11/24	13276	262'		
								11/25	13538	145'		
								11/26	13683	56'		
								11/27	13739	12'		
								11/28	13751	573'		
								11/29	14324	633'		
								11/30	14957	531'		
								12/1	15488	52'		
								12/2	15540	46'		
								12/3	15586	79'		
								12/4	15665	134'		
								12/5	15799	171'		
								12/6	15970	40'		
								12/7	16010	32'		
								12/8	16042	10'		
								12/9	16052	0'		
								12/10	16052	0'		
								12/11	16052	101'		



COMPANY NAME: AMOCOMUD RECORD: 1WELL NAME UPRC 1-27 well # 1

DATE	DEPTH	WEIGHT	MUD GRADIENT	FUNNEL VIS	PLASTIC VIS	YIELD POINT	GEL STRENGTH	PH	FILTRATE API	CAKE	ALKALINITY FILTRATE	CHLORIDE PPM	CALCIUM PPM	SAND % CONTENT	SOLIDS % CONTENT	OIL % CONTENT	WATER % CONTENT	% KCL	% CHROMATE PPM
10/29/90	9026	8.6	-	40		11	4/11	10.5	8.0	1		1800	TR		1.9				
10/30/90	9181	8.6	-	42	14	10	4/12	10.5	8.4	2	.3/.5	1600	-	TR	1.87	-	98	-	-
10/31/90	9431	8.6	-	40	13	7	3/6	10.0	8.2	2	.3/.7	1500	-	TR	1.88	-	98	-	-
11/1/90	9602	8.8	-	43	15	8	2/5	9.0	8.0	2	.2/.6	1400	20	TR	3.39	-	96.6	-	-
11/2/90	9779	8.8	-	42	12	8	2/4	9.5	7.8	2	.1/.5	1300	20	TR	3.4	-	96.6	-	-
11/3/90	10012	8.9	-	44	15	12	4/6	9.0	7.8	2	.15/.65	1200	20	TR	4.2	-	95.8	-	-
11/4	10214	8.8	-	45	15	10	4/7	9.8	7.6	2	.2/.6	1200	-	-	3.4	-	96.6	-	-
11/5	10334	8.8	-	43	14	9	3/5	9.2	7.4	2	.1/.5	1200	40	TR	3.4	-	96.6	-	-
11/6	10563	8.9	-	46	13	15	7/13	9.6	7.6	2	.1/.5	1000	TR	TR	4.2	-	95.8	-	-
11/7	10764	9.0	-	49	16	14	8/14	9.2	7.8	2	.05/.5	1100	TR	TR	4.9	-	95.1	-	-
11/8	10825	8.9	-	55	18	16	10/14	11.0	8.0	2	.1/.7	1100	TR	TR	4.2	-	95.8		
11/9	11012	8.9	-	56	20	15	8/15	10.0	8.2	2	.2/.7	1200	TR	TR	4.2	-	95.8	-	-
11/10	11196	8.9	-	57	21	15	7/15	10.0	8.0	2	.25/.8	1100	TR	TR	4.6	-	95.4	-	-
11/11	11358	8.9	-	55	22	16	8/14	9.8	8.2	2	.2/.8	1100	TR	TR	4.2	-	95.8	-	-
11/12	11460	8.9	-	54	23	16	8/14	9.5	8.0	2	.1/.6	1000	TR	TR	4.2	-	NR	-	-
11/13	11514	8.8	-	58	20	18	6/10	9.8	7.8	2	.2/.8	1100	TR	TR	4.2	-	95.8	-	-

COMPANY NAME: AMOCOMUD RECORD: 2WELL NAME UPRC 1-27 well #1

DATE	DEPTH	WEIGHT	MUD GRADIENT	FUNNEL VIS	PLASTIC VIS	YIELD POINT	GEL STRENGTH	PH	FILTRATE API	CAKE	ALKALINITY FILTRATE	CHLORIDE PPM	CALCIUM PPM	SAND % CONTENT	SOLIDS % CONTENT	OIL % CONTENT	WATER % CONTENT	% KCL	% CHROMATE PPM
11/14	11714	8.9	-	50	18	18	4/10	9.4	8.6	2	.15/,9	1100	20	TR	4.2	-	95.8	-	-
11/15	11908	8.9	-	52	17	17	4/14	9.4	8.4	2	.2/1.2	1100	20	TR	4.2	-	95.8	-	-
11/16	12150	9.0	-	51	18	18	4/12	9.8	10.4	2	.25/1.2	1200	Nil	TR	4.9	-	95.1	-	-
11/17	12235	8.9	-	50	14	14	3/8	9.5	10.8	2	.2/.11	1150	Nil	TR	4.9	-	95.1	-	-
11/18	12415	9.0	-	48	15	14	3/10	9.5	9.6	2	.15/1.2	1100	40	TR	4.9	-	95.1	-	-
11/19	12620	9.0	-	50	16	18	4/8	9.4	9.4	2	.15/1.3	1000	60	TR	4.9	-	95.1	-	-
11/20	12,792	9.0	-	50	13	17	8/14	9.2	10.0	2	.1/1.0	1000	TR	TR	4.9	-	95.1	-	-
11/21	12903	8.9	-	50	15	18	9/15	9.3	10.6	2	.1/.8	1000	TR	TR	4.2	-	95.8	-	-
11/22	12994	9.0	-	48	13	13	8/11	8.9	11.2	2	.05/1.1	1000	TR	TR	4.9	-	95.1	-	-
11/23	13175	8.9	-	49	14	17	7/14	9.5	12.4	2	.15/1.1	1000	TR	TR	4.2	-	95.8	-	-
11/24	13400	8.9	-	51	14	16	8/12	9.6	12.0	2	.15/1.2	1000	TR	TR	4.2	-	95.8	-	-
11/25	13642	8.9	-	56	17	18	10/16	9.7	14.2	2	.2/1.3	1000	TR	TR	4.6	-	95.4	-	-
11/26	13690	8.8	-	55	15	18	10/15	9.5	13.3	2	.2/1.5	900	0	TR	3.8	-	96.2	-	-
11/27	13751	8.8	-	48	11	18	8/14	9.5	13.4	2	.2/1.4	900	0	TR	3.4	-	96.6	-	-
11/28	14064	8.9	-	46	11	10	3/6	9.4	15.4	2	.15/1.5	1000	TR	TR	4.1	-	95.9	-	-
11/29	14717	9.0	-	47	14	16	4/8	9.0	15.0	2	.05/1.2	900	160	TR	4.9	-	95.1	-	-

COMPANY NAME: AMOCOMUD RECORD: 3WELL NAME UPRC 1-27 well #1

DATE	DEPTH	WEIGHT	MUD GRADIENT	FUNNEL VIS	PLASTIC VIS	YIELD POINT	GEL STRENGTH	PH	FILTRATE API	CAKE	ALKALINITY FILTRATE	CHLORIDE PPM	CALCIUM PPM	SAND % CONTENT	SOLIDS % CONTENT	OIL % CONTENT	WATER % CONTENT	% KCL	% CHROMATE PPM
11/30	15340	9.0	-	51	16	16	5/12	9.0	14.2	2	.1/.8	1000	140	TR	4.9	-	95.1	-	-
12/1	15488	9.0	-	48	14	15	4/10	9.2	15.2	2	.1/.75	1000	140	TR	4.9	-	95.1	-	-
12/2	15586	9.0	-	50	16	16	6/12	9.4	14.6	2	.1/1.0	1100	100	TR	4.9	-	95.1	-	-
12/3	15610	9.1	-	49	14	18	6/18	9.5	16.2	2	.05/.9	1100	140	TR	5.6	-	94.4	-	-
12/4	15735	9.2	-	55	16	20	10/18	9.5	15.2	2	.1/.9	1000	80	TR	5.4	-	97.6	-	-
12/5	15880	9.2	-	49	15	18	7/12	9.2	11.2	2	.2/1.0	900	40	TR	5.5	-	94.5	-	-
12/6	16010	9.2	-	48	15	17	7/10	9.3	9.8	2	.15/1.0	900	TR	TR	5.4	-	94.6	-	-
12/7	16010	9.0	-	60	20	25	8/15	9.3	9.0	2	.15/1.0	900	80	TR	6.0	-	94.0	-	-
12/8	16052	9.5	-	52	18	23	9/12	9.5	8.6	2	.1/1.0	900	80	TR	6.0	-	94.0	-	-
12/9	16052	8.7	-	42	4	8	6/8	10.5	8.4	2	.5/1.0	900	TR	TR	3.1	-	96.9	-	-
12/10	16052	9.1	-	52	15	16	6/9	10.0	7.4	2	.1/.8	800	TR	TR	4.8	-	95.2	-	-
12/11	16082	9.2	-	51	18	12	7/12	9.5	6.6	2	.1/1.0	800	TR	TR	6.4	-	93.6	-	-
12/12	16184	9.1	-	65	26	19	8/14	9.0	6.4	2	.15/.9	800	80	TR	5.8	-	94.2	-	-
12/15	16184	9.1	-	55	19	19	4/8	9.2	5.8	1	.15/1.0	800	120	TR	5.5	-	94.5	-	-
12/16	16211	9.1	-	60	26	18	4/10	9.2	6.4	1	.1/1.3	700	140	TR	5.9	-	94.1	-	-
12/17	16223	9.1	-	63	24	14	4/8	9.0	6.0	1	.05/1.4	800	120	TR	5.9	-	94.3	-	-
12/18	16375	9.1	-	78	31	32	6/15	9.3	5.8	1	.1/1.3	700	80	TR	5.7	-	94.3	-	-



\* Note: Verbal approval received from Frank Matthews (State of Utah) on 12-20-90. Notify Jim Thompson (801-298-9318) to witness plug setting upon receiving orders to PXA.

UPRC 1-27 Well No. 1

### Plug and Abandonment Procedure

1. TIH to 16280' with open - ended drill pipe
2. Pump 10 barrels water spacer
3. Mix and spot 100 sx Class G cement as follows:
  - Class "G" with 0.3% D65, 0.45% D800 and 35% D66
  - Weight = 15.8 lb/gal
  - Yield = 1.52 ft<sup>3</sup>/sk
  - Water = 6.26 gal/sk
4. Pump 4 barrels water and displace to balance plug (approx. 277 bbls)
5. Pull up above plug and WOC. Rig up to dispose of excess drilling mud down wellbore.
6. TIH and tag plug with drill pipe. Note on IADC and DIMS report.
7. Pull out of hole to 9-5/8" casing shoe. Close annular around drill pipe and pump excess mud downhole. Record GPM, PSI, MW and total bbls disposed for the Sundry Notice.
8. TIH with drill pipe to 9140'
9. Pump 10 barrels water spacer
10. Mix and spot 100 sx Class G cement as follows:
  - Class "G" with 0.2% D65 and 0.2% D800
  - Weight = 15.8 lb/gal
  - Yield = 1.15 ft<sup>3</sup>/sk
  - Water = 5.02 gal/sk
11. Pump 4 barrels water and displace to balance plug (approx 153 bbls)
12. Pull out to 70' to set surface plug
13. Mix and spot 25 sx Class G with 2% calcium chloride
14. Pull out and LDDP
15. Cut off casing at base of cellar or 3' below restored ground level
16. Install 4" X 10' dry hole marker leaving 4' above ground level

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

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

UPRC 1-27

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 27, T3N-R13E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

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

1b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ]

2. NAME OF OPERATOR Amoco Production Company

3. ADDRESS OF OPERATOR P.O. Box 800; Rm 1844; Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\* At surface 1780' FWL x 1800' FSL At top prod. interval reported below At total depth

14. PERMIT NO. 43-043-30296 DATE ISSUED 07/16/90

15. DATE SPUNDED 09/21/90

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.) 12/20/90

18. ELEVATIONS (DP, RES, ST, GR, ETC.)\* 9725' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 16,576'

21. PLUS, SACK T.D., MD & TVD Surface

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY Rotary TOOLS Rotary

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* None

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Mud Log, DIL, SP, GR, Sonic, FDC, CNL, Check Shot Velocity Survey

27. WAS WELL CORDED Yes

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 20" Conduit, 20" 106.5#, 133#, 9-5/8" 43.5 & 47# & 53.5#.

Table with 5 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT\*, SCREEN (MD). Rows are empty.

Table with 3 columns: SIZE, DEPTH SET (MD), PACKER SET (MD). Rows are empty.

Table with 2 columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED. Rows include 16129' TOC (100 sacks Class G), 8800' TOC (130 sacks Class G), Surface (25 sacks Class G).

Table with 8 columns: DATE FIRST PRODUCTION, PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump), WELL STATUS (Producing or shut-in), DATE OF TEST, HOURS TESTED, CHOKES SIZE, PROD'N. FOR TEST PERIOD, OIL—BSL., GAS—MCF., WATER—BSL., GAS-OIL RATIO, FLOW. TUBING FROM, CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL—BSL., GAS—MCF., WATER—BSL., OIL GRAVITY-API (CORR.).

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

35. LIST OF ATTACHMENTS Request for Log Confidentiality dated 12/04/90 - No approval received to date. P x A procedure - Note: Verbal approval received 12/20/90 from Frank Matthews of UDNR.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED [Signature] TITLE Sr. Staff Admin. Supv. DATE 02/01/91

\*(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: "Secks 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.)

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
TOP	BOTTOM	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	
					Fort Union	9,332'	422
					Mesa Verde	11,522'	-1,768
					Hilliard	13,690'	-3,936
					Frontier	15,356'	-5,602
					Mowry SH	15,826'	-6,072
					Dakota	16,042'	-6,288
					Dakota G	16,254'	-6,500
					Cedar Mountain	16,302'	-6,548
					Morrison	16,486'	-6,732



## CORE LABORATORIES

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### CORE ANALYSIS RESULTS

for

**Amoco Production Company**

43-093-30296

**UPRC 1-27**

**Wildcat**

**Summit County, Utah**

**57122-7593**

# CONFIDENTIAL

**RECEIVED**

JUL 26 1991

**DIVISION OF  
OIL GAS & MINING**



## CORE LABORATORIES

---

March 14, 1991

Mr. Ira Pasternack  
Amoco Production Company  
P.O. Box 800  
Denver, CO 80201

**Subject:**

*Core Analysis Project  
UPRC 1-27  
Wildcat  
Summit County, Utah  
File Number: 57122-7593*

Dear Mr. Pasternack:

Core Laboratories was requested to analyze core material obtained from the subject well. The following tests were performed and the results are presented in tabular and graphical formats within this report:

1. Plug Analysis
2. Total Gamma

Thank you for the opportunity to perform this study for Amoco. Should you have any questions pertaining to these test results or if we may be of further assistance, please contact us at (307) 265-2731.

Very truly yours,

A handwritten signature in black ink, appearing to read 'David A. Foster', written over a horizontal line.

David A. Foster

## CORE LABORATORIES

Company : Amoco Production Company  
 Well : UPRC 1-27  
 Location : SW SW Sec. 27 T3N R13E  
 Co,State : Summit, Utah

Field : Wildcat  
 Formation : Dakota  
 Coring Fluid : Water Base Mud  
 Elevation : 9754 KB

File No.: 57122-7593  
 Date : 19-Dec-1990  
 API No. : 43043 30296  
 Analysts: SS DF

### CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	PERMEABILITY (HORIZONTAL) Kair md	POROSITY (HELIUM) %	GRAIN DENSITY gm/cc	DESCRIPTION
Core No. 1 16184.0-16223.0 Cut 39.0' Rec. 32.0'					
	16184.0- 14.5				Sh -- No Analysis
	16214.5- 15.0	0.35	6.4	2.64	Sst gry v f gr sh
	16215.0- 16.0				Sh -- No Analysis
	16216.0- 23.0				Core Loss

# Correlation Coregraph

**Amoco Production Company**

UPRC 1-27

Wildcat

Summit County, Utah

Dakota (16184.0-16216.0 feet)

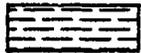
Core No. 1

Core Laboratories

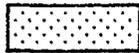
20-Dec-1990

Vertical Scale  
5.00 in = 100.0 ft

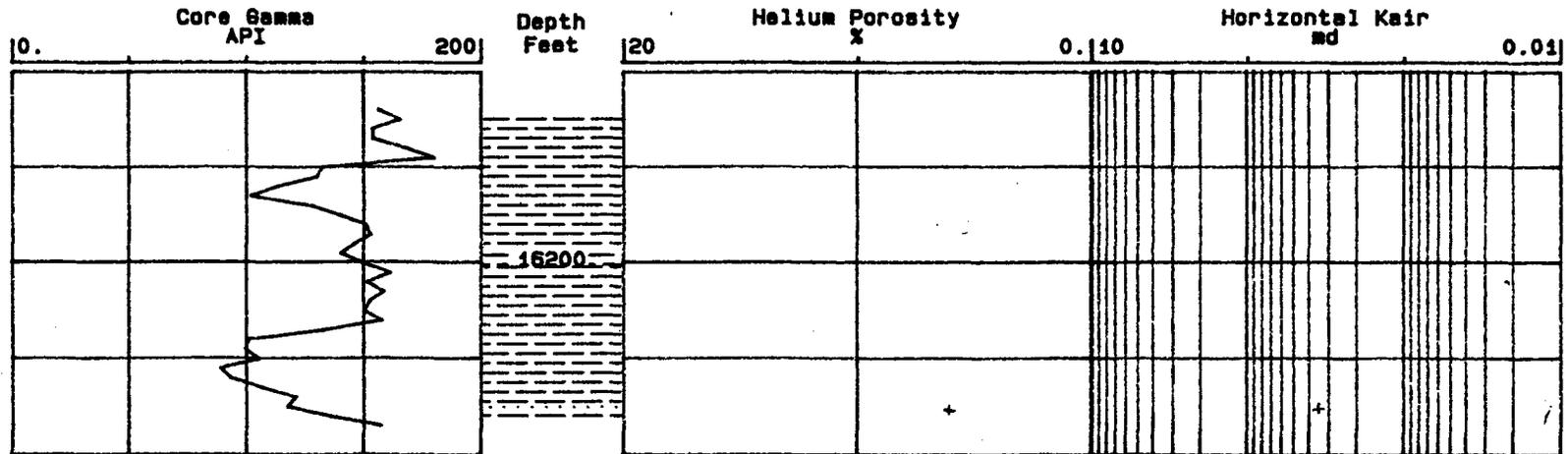
- Lithology Legend -



Shale



Sandstone



**From:** Lisha Cordova  
**To:** "rkesterson@fs.fed.us".mime.MNET  
**Date:** 9/29/2005 9:28:16 AM  
**Subject:** Re: Amoco well photos T3N, R13E, S27

Hi Roger,

Thank you for the inspection & photos, I really appreciate your help!

>>> Roger Kesterson <rkesterson@fs.fed.us> 9/28/2005 10:33 AM >>>  
(See attached file: MVC-014S.JPG)(See attached file: MVC-013S.JPG)(See  
attached file: MVC-012S.JPG)(See attached file: MVC-011S.JPG)(See attached  
file: MVC-010S.JPG)(See attached file: MVC-009S.JPG)(See attached file:  
MVC-008S.JPG)(See attached file: MVC-007S.JPG)  
(See attached file: MVC-006S.JPG)(See attached file: MVC-001S.JPG)(See  
attached file: MVC-004S.JPG)(See attached file: MVC-003S.JPG)(See attached  
file: MVC-002S.JPG)(See attached file: MVC-005S.JPG)(See attached file:  
MVC-0032S.JPG)(See attached file: MVC-0022S.JPG)

Lisha, attached are the photos of the Amoco well you were looking for.  
Some of the photos are of the access road. As you will see there is an  
above ground marker and the reserve pit has been reclaimed. If you need any  
more info please call. Roger

Incidents/Spills

Well Inspections

Date Mod 09/29/2005

Inspection Tracking | PA/Rec |

API Well No. 43-043-30296-00-00 Owner AMOCO PRODUCTION COMPANY County SUMMIT

Well Name UPRC 1-271

Well Typ Dry Hole Felty/Proj NA Well Status Plugged and Abandoned

Well S-T-R S. 27 T. 3N R. 13E

Directions

Inspection No. HL000000873 Type Final Restoration/Bord Release Purpose Routine/Periodic Responsible Company AMOCO PRODUCTION COMPANY 80050

Violation?  SNC?  Notification Type

Write Violation

Date Inspected 09/22/2005  
 Date NOV  
 Date RmptyReq  
 Date Extension  
 Date Passed  
 Comply# Inc

**Zoom**

Attempted to locate the UPRC 1-271 wellsite after inspecting wells at Bridger Lake, came within 1/2 mile but had to quit the search due to lack of daylight, will resume search on another day. 9/26/05 contacted Roger Kesterson "Mrn View Ranger" District/Wasatch-Cache Natl Forest" for landowner information & access permission (surface owner private/forest service according to GIS). Roger said he knew exactly where the wellsite is and volunteered to inspect the site & provide DOGM with photos. 9/29/05 Roger submitted an e-mail & photos of the PA marker post, and reclaimed wellsite/access road, see well file & photos in M:drive.

OK Cancel Font...

Record: 1 of 3 (Filtered)

Form View

Well Data

WELL SEARCH

WELL DATA

WELL HISTORY

WELL ACTIVITY

WELL NAME  API NUMBER  WELL TYPE  WELL STATUS

OPERATOR  ACCOUNT  # OPERATOR APPROVED BY BLM / BIA

DESIGNATED OPERATOR  ACCOUNT

FIELD NAME  FIELD NUMBER  FIRST PRODUCTION  |  |  LA | PA DATE  |  |

WELL LOCATION:

SURF LOCATION

Q. S. T. R. M.  |  |  |  |

COUNTY

UTM Coordinates:

SURFACE - N  BHL - N

SURFACE - E  BHL - E

LATITUDE

LONGITUDE

CONFIDENTIAL FLAG

CONFIDENTIAL DATE  |  |

DIRECTIONAL | HORIZONTAL

HORIZONTAL LATERALS

ORIGINAL FIELD TYPE

WILDCAT TAX FLAG

CB-METHANE FLAG

ELEVATION

BOND NUMBER / TYPE  |

LEASE NUMBER

MINERAL LEASE TYPE

SURFACE OWNER TYPE

INDIAN TRIBE

C.A. NUMBER

UNIT NAME

WELL IMAGES

PRODUCTION GRAPH

CUMULATIVE PRODUCTION:

OIL

GAS

WATER

COMMENTS

Create New Rec

Save

Cancel Change

To History

To Activity

Print Recd

Export Recd



# Wasatch-Cache National Forest

## Contact Us

You may contact us by postal mail, phone, or email.

Due to high number of e-mail requests received, we cannot guarantee that every question will receive a reply.

The easiest and most expedient method for you to receive Forest Service information is to use our "Find a Forest or Grassland" feature (<http://www.fs.fed.us>). Once you find the forest/grassland(s) of your choice you may request specific information by contacting the forest/grassland directly. You may also want to try [www.recreation.gov](http://www.recreation.gov) for more information about recreational opportunities on public lands.

Please check our frequently asked questions to see if the answer to your question is there.

### Send postal mail to:

**USDA Forest Service**  
**Wasatch-Cache National Forest**  
8236 Federal Building  
125 S. State Street  
Salt Lake City, UT 84138  
(801) 236-3400  
Email

**Public Lands Information Center**  
For all your recreation questions  
on the Wasatch-Cache National Forest call:  
(801) 466-6411  
Hours: Tuesday - Saturday  
10:30am - 7:00pm  
Email

**Campsite Reservation Hotline**  
1-877-444-6777  
**Wildflower Hotline**  
1-800-354-4595  
April-August

**Phone:**  
(801)236-3400

**Email:**  
Wasatch-Cache webmaster:  
[jhigbee@fs.fed.us](mailto:jhigbee@fs.fed.us)

**Union Station Information Center**  
For recreation questions  
on the Intermountain Region  
or the Wasatch-Cache National Forest call:  
(801) 625-5306

**Pineview Reservoir**  
(801) 625-5306  
**Fall Colors Hotline**  
1-800-354-4595  
August-November

## Ranger Districts

**Evanston Ranger District**  
1565 Highway 150, Suite A  
P.O. Box 1880  
Evanston, WY 82930  
(307) 789-3194

**Logan Ranger District**  
1500 East Highway 89  
Logan, UT 84327  
(435) 755-3620

**Ogden Ranger District**  
507 25th Street  
Ogden, UT 84403  
(801) 625-5112

**Kamas Ranger District**  
50 East Center Street  
P.O. Box 68  
Kamas, UT 84036  
(435) 783-4338

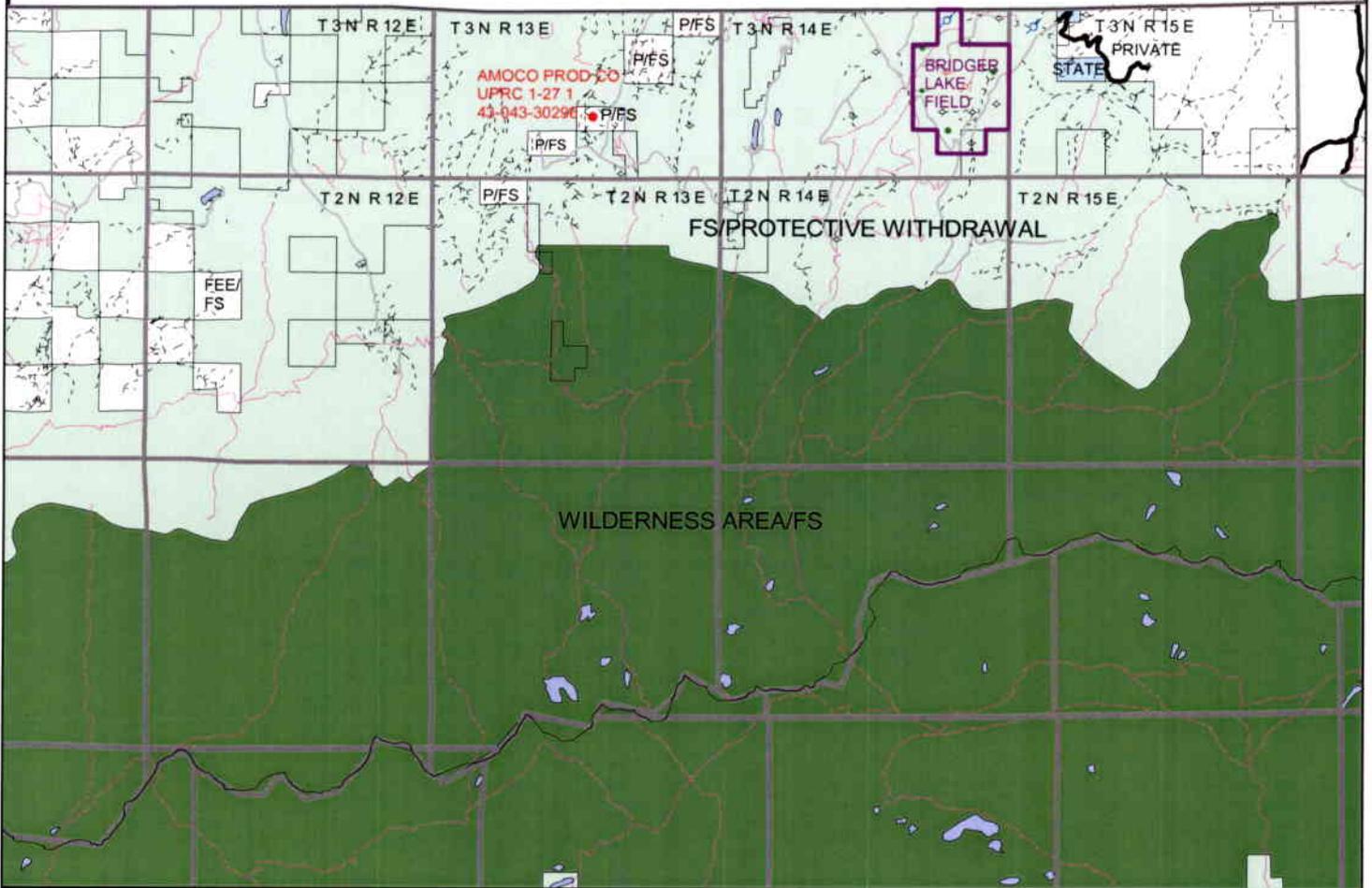
**Mountain View Ranger District**  
P.O. Box 129  
Mountain View, WY 82939  
(307) 782-6555

**Salt Lake Ranger District**  
6944 South 3000 East  
Salt Lake City, UT 84121  
(801) 733-2660

*Roger Kesterson, Minerals Admin.*

For security reasons, we no longer provide detailed lists of employee names and phone numbers by organization. However, you may search for an individual employee by name.

# WYOMING



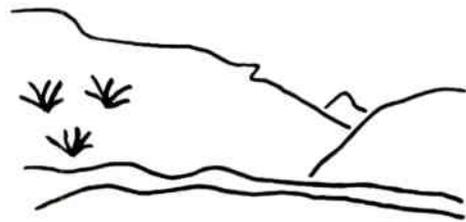
## Legend

### Wells

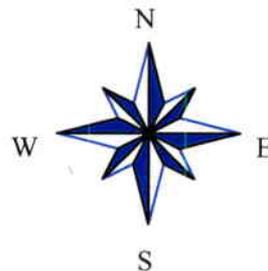
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

### Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- Sections



Utah Oil Gas and Mining



Prepared by: Lisha Cordova  
Date: September 21, 2005  
Q1131/Bridger Lake