

**FILE NOTATIONS**

Entered in NLD File  .....  
Location Map Pinned  .....  
Card Indexed  .....

Checked by Chief  .....  
Approval Letter  .....  
Disapproval Letter  .....

**COMPLETION DATA:**

Date Well Completed *6-15-78*  
..... WW..... TA.....  
..... OS..... PA.....

Location Inspected .....  
Bond released  
State or Fee Land .....

**LOGS FILED**

Miller's Log  .....  
Electric Logs (No.) .....  
E..... I..... Dual I Lat..... GR-N..... Micro.....  
BHC Sonic GR..... Lat..... MI-L..... Sonic.....  
CBLog..... CCLog..... Others.....

*CHW*  
*08/13/92*

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

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER **Wildcat** SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**AMOCO PRODUCTION COMPANY**

3. ADDRESS OF OPERATOR  
**501 AIRPORT DRIVE, FARMINGTON, NM 87401**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface **649' FNL x 619' FNL, Section 22, T-12-S, R-22-E**  
 At proposed prod. zone **ne ne ne**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**42 road miles SSE of Ouray**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **619'**

16. NO. OF ACRES IN LEASE **Lease - 1920**  
**Unit - 16518.48**

17. NO. OF ACRES ASSIGNED TO THIS WELL **Wildcat**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **None**

19. PROPOSED DEPTH **15000'**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.) **6036' GL. (ungraded)**

22. APPROX. DATE WORK WILL START\* **February 10, 1978**

5. LEASE DESIGNATION AND SERIAL NO.  
**U-26346-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**Buck Camp Unit (Pending)**

8. FARM OR LEASE NAME

9. WELL NO.  
**1**

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**NE/4 NE/4 NE/4 Sec. 22, T-12-S, R-22-E**

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

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20"	106.5	150'	375 sx
17-1/2"	13-3/8"	61	3000'	1900 sx
12-1/4"	9-5/8"	47	13,500'	1150 sx
8-1/2"	7" liner	29	13,000-15,000'	330 sx

Amoco Production Company proposes to drill the above Wildcat well to a depth of 15,000' to test the Pennsylvanian and Mississippian. Completion will be based on open hole logs. Copies of all logs run will be furnished upon reaching total depth. Copies of the location plat are attached. Additional information required by NTL-6 for the application to drill and a Multi-Point Surface Use Plan are attached.

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. Krough TITLE Area Engineer DATE 1/16/78

(This space for Federal or State office use)

PERMIT NO. 43-047-30357 APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

MULTI-POINT SURFACE USE PLAN

BUCK CAMP UNIT NO. 1  
649' FNL x 619' FEL, SECTION 22, T-12-S, R-22-E  
UINTAH COUNTY, UTAH

1. The attached road map and sketch show the proposed route to the location and distances from nearby towns.
2. A new road 1.3 miles long, 18 feet wide for access is planned to be constructed. Three cattleguards and two 48" culverts will be needed. The locations of these facilities are shown on the topographic map. Remaining access will be by upgraded existing roads as shown on the topographic map. Upgrading will be by blading. No construction materials will be used. Application is being made to the BLM for temporary use of the roads outside our unit.
3. There is one existing dry hole within a two-mile radius of our proposed location. This hole has been spotted on the topographic map.
4. There are no tank batteries located within two miles of the well site.
5. The water required for the well will be hauled from a water hole on Willow Creek, approximately 14 miles. Arrangements have been made by the Dalbo Hauling Company with the Indians for this water.
6. No material will be hauled in for construction of location.
7. Excess mud will be hauled out of reserve pit and bladed into existing roads.
8. There is one airstrip, approximately 6 miles away which we plan to improve by blading and use during drilling; no camps will be built.
9. The well site layout, reserve, burn and trash pits are shown on the attached Drill Site Specification Sheet. A cut of approximately 15' on the south end and a 18' fill to the east side will be required.
10. Restoration of the surface will be accomplished by cleaning up and leveling upon completion of drilling. Reseeding of the site will be carried out as detailed in the attached Seeding Plan, or as specified by the BLM.
11. The general topography and soil characteristics are a sandy shale to sandy loam with vegetation consisting of sagebrush, small juniper trees, small pinon trees, buck brush, and native grass. The level valley bottom slopes to the north.
12. A Certification Statement by Amoco's representative is included.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

\*\* FILE NOTATIONS \*\*

Date: Jan. 18-  
Operator: Ameco Production  
Well No: Buck Camp Unit #1  
Location: Sec. 22 T. 12S R. 22E County: Uintah

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

API NUMBER: 43-047-30357

CHECKED BY:

Administrative Assistant AW  
Remarks: No other well Sec. 22-  
Petroleum Engineer OK  
Remarks:  
Director Z  
Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:  Survey Plat Required:   
Order No.  Surface Casing Change   
to

Rule C-3(c), Topographic exception/company owns or controls acreage  
within a 660' radius of proposed site

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

Other:

Letter Written/Approved

January 18, 1978

AMOCO PRODUCTION COMPANY  
501 Airport Drive  
Farmington, New Mexico 87401

Re: WellNo. Buck Canyon No. 1  
Sec. 22, T. 12 S, R. 22 E,  
Uintah County, Utah

Gentlemen:

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

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

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

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

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30357.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director

cc: U.S. Geological Survey

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other **Wildcat**

2. NAME OF OPERATOR  
**AMOCO PRODUCTION COMPANY**

3. ADDRESS OF OPERATOR  
**501 AIRPORT DRIVE, FARMINGTON, NM 87401**

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: **650' FNL x 1069' FNL, Sec. 22, T12S**  
AT TOP PROD. INTERVAL: **Same**  
AT TOTAL DEPTH: **Same**

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other) **Restake**

SUBSEQUENT REPORT OF:

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

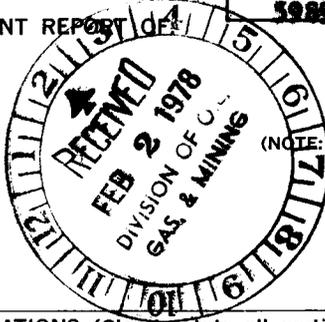
16

17

18

19

20



5. LEASE  
**U-26346-A**

6. IF INDIAN, AILLO, OR TRIBE OR TRIBAL NAME

7. UNIT AGREEMENT NAME  
**Rock Camp**

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD OR WELLSITE NAME  
**Wildcat**

11. SEC., T., R., AND BLK. AND SURVEY OR AREA  
**NE NE Section 22, T-12-S, R-22-E**

12. COUNTY OR PARISH  
**Utah**

13. STATE  
**Utah**

14. API NO.  
**43-047-1017**

15. ELEVATIONS (SHOW DEPT. OF KB AND WD)  
**5989' CL**

(NOTE: Report required for multiple completion or zone change on Form 9-330.)

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.)\*

The above well has been restaked from 649' FNL x 619' FNL, Section 22, T-12-S, R-22-E to 650' FNL x 1069' FNL, Section 22, T-12-S, R-22-E as requested by representatives of the Vernal Office of the BLM and the Salt Lake City Office of the USGS. The move was required for environmental reasons. A revised location plat is attached.

The new location will require a revision in the rig layout. A revised schematic of the rig layout is attached. A plat showing rig orientation and necessary cuts and fills is also attached.

The new road, discussed by Point #2 of our Multi-Point Surface Map, will be moved slightly and constructed in the wash running SW to NE through Section 22, as requested by BLM personnel. This is a non-standard location. Verbal approval of this location has been obtained from Mr. Patrick Driscoll of the Utah Division of Oil, Gas and Mining.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Ft.

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

SIGNED [Signature] TITLE **Area Engineer** DATE **January 30, 1978**

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE DIVISION OF OIL, GAS AND MINING  
DATE **Feb 6 1978**  
BY: [Signature]

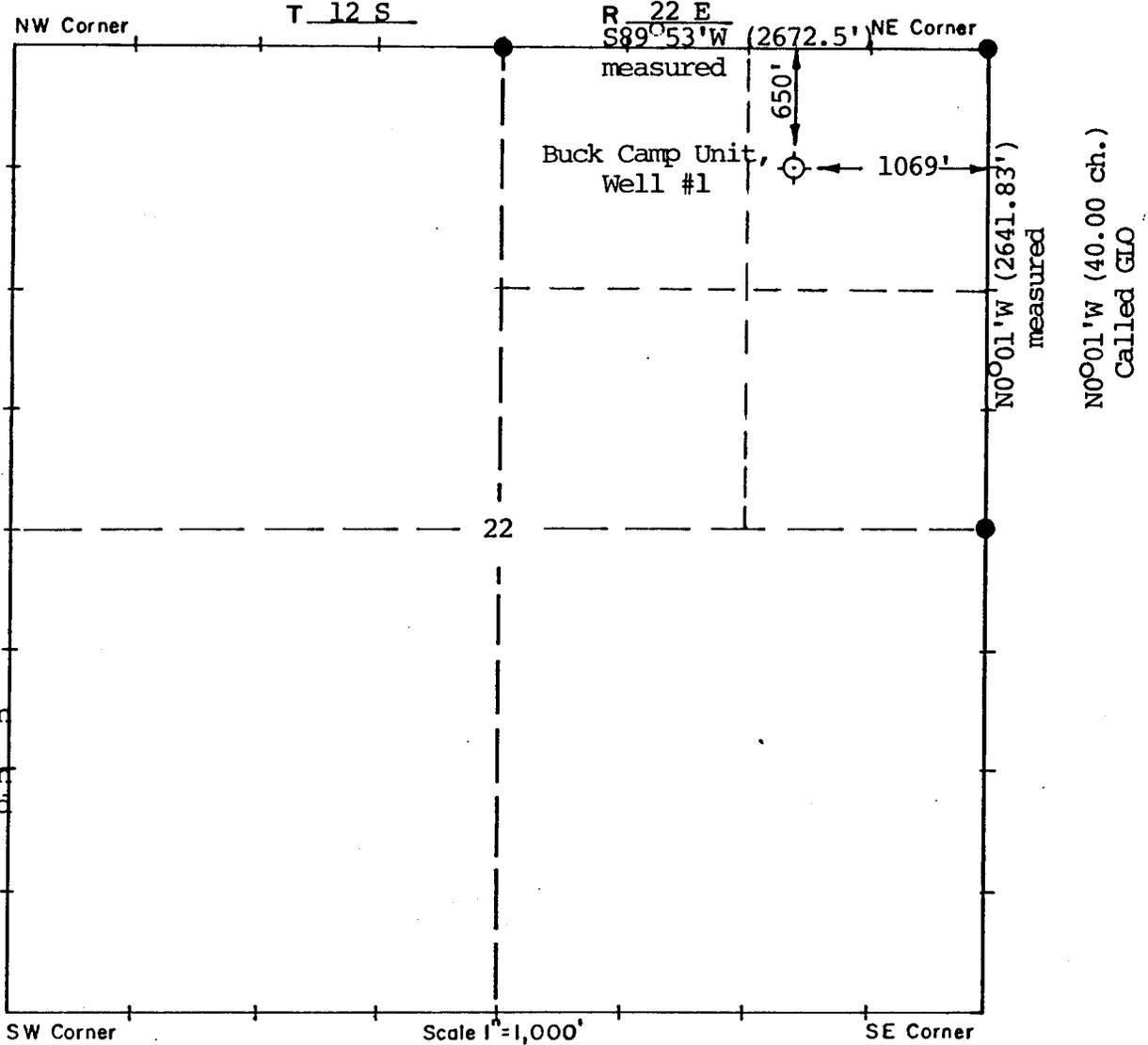
BOX 654  
GREEN RIVER WYOMING  
82935

WILLIAM H. SMITH  
SURVEYING CONSULTANT

TELEPHONE  
AREA CODE 307  
875-3638

S89°55'W (40.16 ch.)

Called GLO



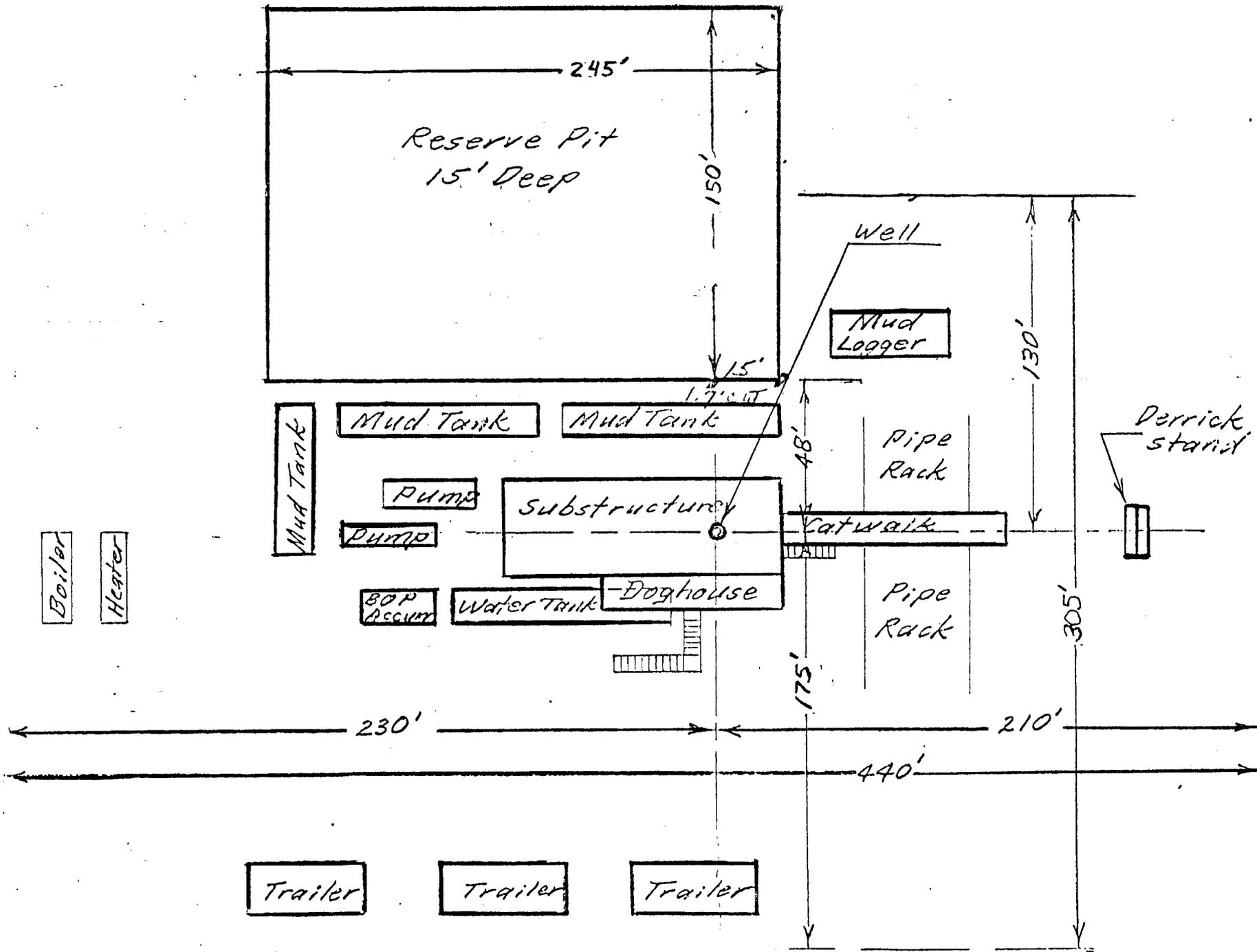
● Found Brass Cap  
■ Found Stone

Note: Basis of bearing is from the East line of Section 22 between the E/4 corner and the NE section corner, as platted on the official GLO plat.

I, William H. Smith of Green River, Wyoming certify that in accordance with a request from Jim Krupka of Farmington, New Mexico for Amoco Production Company I made a survey on the 25<sup>th</sup> day of January, 19 78 for Location and Elevation of the Buck Camp Unit, Well #1 As shown on the above map, the wellsite is in the NE/4 NE/4 of Section 22, Township 12 South, Range 22 East of the Salt Lake Base & Meridian, Uintah County, State of Utah Elevation is 5989' Feet Ungraded Ground Datum Based on a spot elevation ± 700' East of the East 1/4 corner of Section 22, T 12 S, R 22 E as shown on USGLO 7½' topo "Buck Camp Canyon, Utah."

Reference point	<u>North</u>	<u>300'</u>	<u>Rebar and lath</u>	<u>Elevation top of rebar</u>	<u>5981.0'</u>
Reference point	<u>South</u>	<u>300'</u>	<u>Rebar and lath</u>	<u>Elevation top of rebar</u>	<u>6011.8'</u>
Reference point	<u>East</u>	<u>300'</u>	<u>Rebar and lath</u>	<u>Elevation top of rebar</u>	<u>6024.5'</u>
Reference point	<u>West</u>	<u>300'</u>	<u>Rebar and lath</u>	<u>Elevation top of rebar</u>	<u>5999.8'</u>

*William H. Smith*  
Utah R.L.S. NO. 2764



SCHEMATIC RIG LAYOUT

BUCK CAMP UNIT WELL NO. 1  
 650' FNL & 1069' FEL, SEC. 22,  
 T-12-S, R-22-E  
 (NW/4 NE/4 NE/4)

BOMAC DRILLING  
 RIG NO. 35

# WILLIAM H. SMITH

P.O. BOX 654  
PHONE 307-875-3638

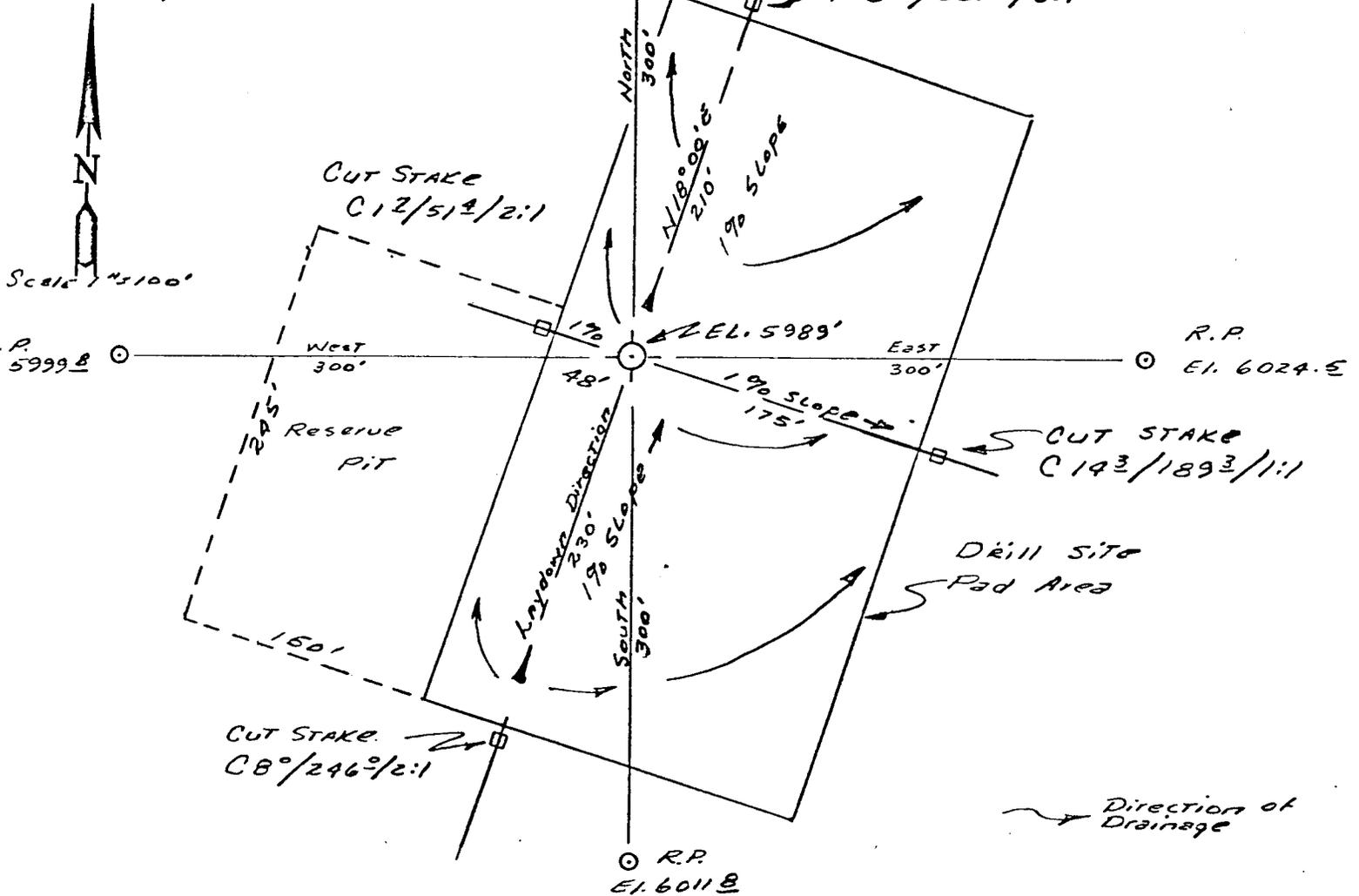
SURVEYING CONSULTANT

171 E. FLAMING GORGE WAY  
GREEN RIVER, WYOMING 82935

BY WHS DATE 4/26/78 SUBJECT Drill Site Cut Sheet SHEET NO. 1 OF 1  
 CHKD. BY \_\_\_\_\_ DATE \_\_\_\_\_ For Amolo Buck Camp Unit JOB NO. 2-78  
Well No. 1

*Note: Reference point  
Elevations Top of No. 5 Rebar  
SLOPE STAKE ELEVATIONS AT  
Ground in front of CUT  
STAKE.*

*Flags Set at Corners  
of Pad & Reserve Pit.*



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

4. LEASE DESIGNATION AND SERIAL NO.

U-26346-A

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Buck Camp Unit (PENDING)

8. FARM OR LEASE NAME

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

NE/4 NE/4 NE/4 Sec. 22,  
T-12-S R-22-E

12. COUNTY OR PARISH 13. STATE

Uintah Utah

1a. TYPE OF WORK

DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL

OIL WELL  GAS WELL  OTHER Wildcat SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

501 AIRPORT DRIVE, FARMINGTON, NM 87401

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

At surface 650' 1069'  
649' FNL x 619' FEL, Section 22, T-12-S, R-22-E  
At proposed prod. zone

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

42 road miles SSE of Ouray

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)

619'

16. NO. OF ACRES IN LEASE

Lease - 1920

Unit - 16518.48

17. NO. OF ACRES ASSIGNED TO THIS WELL

Wildcat

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

None

19. PROPOSED DEPTH

15000'

20. ROTARY OR CABLE TOOLS

Rotary

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

6036' GL (ungraded)

22. APPROX. DATE WORK WILL START\*

February 10, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20"	106.5	150'	375 sx
17-1/2"	13-3/8"	61	3000'	1900 sx
12-1/4"	9-5/8"	47	13,500'	1150 sx
8-1/2"	7" liner	29	13,000-15,000'	330 sx

Amoco Production Company proposes to drill the above Wildcat well to a depth of 15,000' to test the Pennsylvanian and Mississippian. Completion will be based on open hole logs. Copies of all logs run will be furnished upon reaching total depth. Copies of the location plat are attached. Additional information required by NTL-6 for the application to drill and a Multi-Point Surface Use Plan are attached.



State of Utah, Department of Natural Resources  
Division of Oil, Gas, and Mining  
1586 West North Temple  
Salt Lake City, Utah 84114

NOTICE OF APPROVAL

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. Rough TITLE Area Engineer DATE 1/16/78

(This space for Federal or State office use)

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

APPROVED BY (Oil & Gas) E. W. Guyana TITLE DISTRICT ENGINEER DATE FEB 15 1978

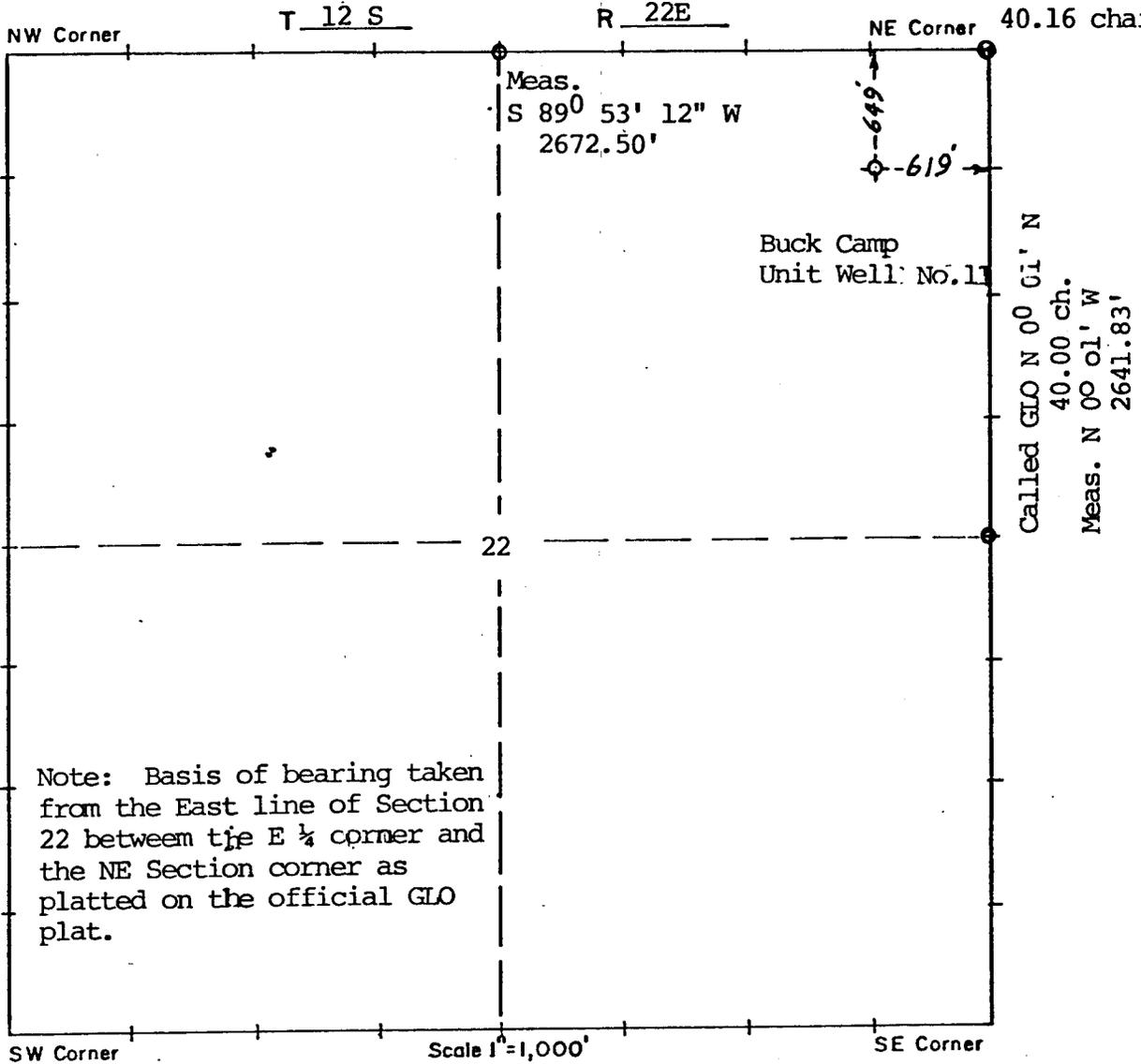
CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

\*See Instructions On Reverse Side

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

State O & G

Called GLO S 89° 55' W  
40.16 chains



Called GLO N 00° 01' N  
40.00 ch.  
Meas. N 00° 01' W  
2641.83'

Buck Camp  
Unit Well No. 1

Note: Basis of bearing taken from the East line of Section 22 between the E 1/4 corner and the NE Section corner as platted on the official GLO plat.

- Found Brass Cap
- Found Stone

I, William H. Smith of Green River, Wyoming certify that in accordance with a request from Jim Kruppa of Farmington, N. M. for Amoco Production Co.  
I made a survey on the 12th day of January, 19 78 for Location and Elevation of the Buck Camp Unit Well No. 1  
As shown on the above map, the wellsite is in the NE/4 NE/4  
NE/4 of Section 22, Township 12 South, Range 22 East of the Salt Lake Base & Meridian, Uintah County, State of Utah Elevation is 6036 Feet  
ungraded ground Datum Based on a spot elevation ± 700' East of the East 1/4 corner of Section 22, T 12 S, R 22 E as shown on the Buck Camp Canyon 7 1/2 Minute Topo (1968)

Reference point	300' North top of No. 5 rebar/lath	6017.4'
Reference point	200' South top of No. 5 rebar/lath	6050.9'
Reference point	300' East top of No. 5 rebar/lath	6039.4'
Reference point	200' West top of No. 5 rebar/lath	6011.9'

*William H. Smith*  
Utah R.L.S. NO. 2764

SUPPLEMENTAL INFORMATION TO FORM 9-331C  
 REQUIRED BY NTL-6  
 BUCK CAMP UNIT NO. 1  
 649' FNL x 619' FEL, SECTION 22, T-12-S, R-22-E  
 UTAH COUNTY, UTAH

The geologic name of the surface formation is the Eocene Uinta.

The estimated tops of important geological formations bearing hydrocarbons are:

<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>
Wasatch	2899'	+3162'
Mesaverde	4801'	+1260'
Mancos	7301'	-1240'
Dakota	11501'	-5440'
Navajo	12651'	-6590'
Chinze	13351'	-7290'
Pennsylvanian (Weber)	13701'	-7640'
Morgan	14371'	-8310'
Mississippian	14701'	-8640'
TD	15000'	-8939'

Estimated KB Elevation: 6061' 25' KB

<u>EST. DEPTH</u>	<u>CSG. SIZE</u>	<u>WEIGHT</u>	<u>HOLE SIZE</u>	<u>SACKS CEMENT - TYPE</u>
150'	20"	106.5# K-55	24"	375 - Class "G" Neat, 2% CaCl <sub>2</sub> .
3000'	13-3/8"	61# K-55	17-1/2"	1700 - Class "G", 6% Gel, 200 - Tail in Class "G" Neat.
13500'	9-5/8"	47# F-95	12-1/4"	1150 - Class "G", 2% Gel Retarded cement.
15000'	7"	29# F-95	8-1/2"	330 - Class "G" Neat, Retarded cement.

Amoco plans to use a 5000 psi WP blowout preventer. See attached drawing of our blowout preventer design.

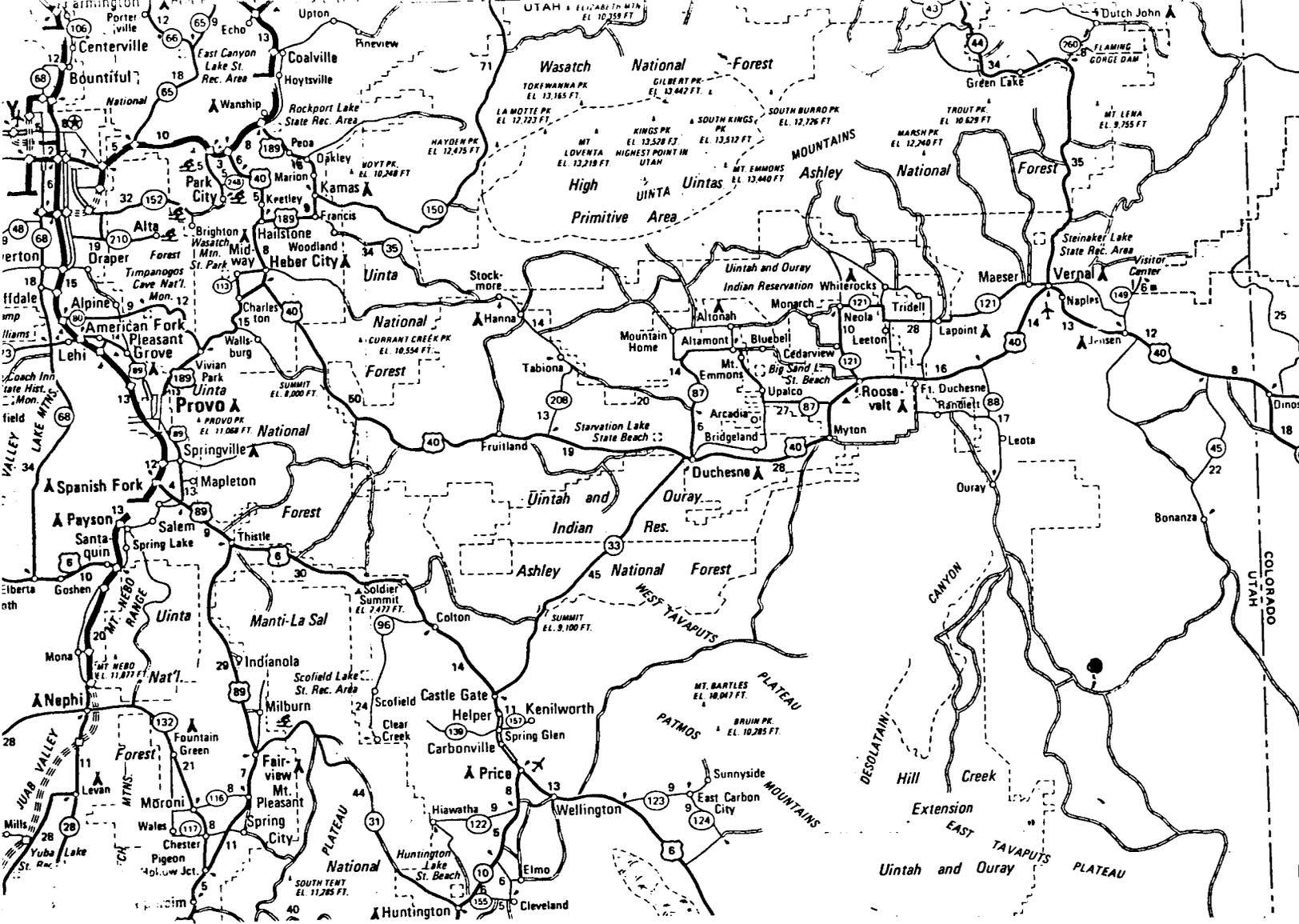
Drilling fluid to TD will be a low solids non-dispersed mud system.

MUD PROGRAM

<u>Approximate Interval</u>	<u>Type Mud</u>	<u>Weight #/Gal.</u>	<u>Viscosity Sec. API</u>	<u>W.L. CC/30M</u>
0-3000	Native	-	-	-
3000-11500	LSND	8.8-9.2	30-36	Reduce to 10-15 CC below Mancos
11500-13500	LSND	9.2-10	34-40	8-15
13500-15000	LSND	9.5-10.5	36-46	6-10

Amoco plans to run the following logs: from TD to 3000', Dual Induction Lateralog, Integrated Borehole Compensated Sonic with Gamma Ray, Compensated Neutron-Formation Density, Velocity Survey, and Dipmeter from 11000' to TD. Four 60' cores will be taken in the Pennsylvanian-Mississippian section. Drill stem tests will be taken if there are any shows.

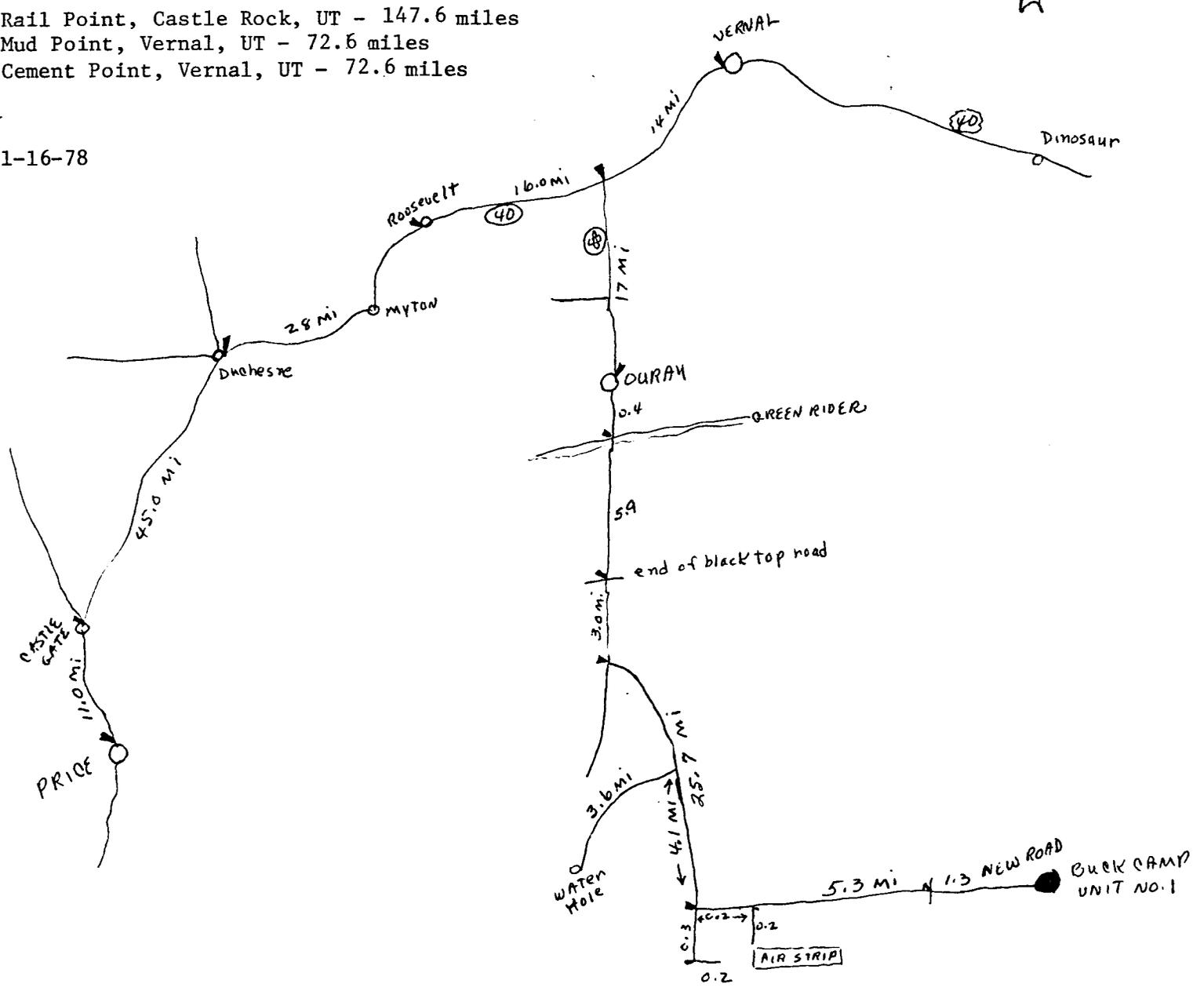
In the past, drilling in this area has shown that no abnormal pressures and temperatures will be encountered. Some abnormal levels of hydrogen sulfide gas may be encountered in the Pennsylvanian Weber and or Morgan.



FARMINGTON AREA TRAFFIC SKETCH  
 DENVER DIVISION  
 BUCK CAMP UNIT WELL NO. 1  
 UINTAH COUNTY, UTAH  
 AMOCO WI: 50%

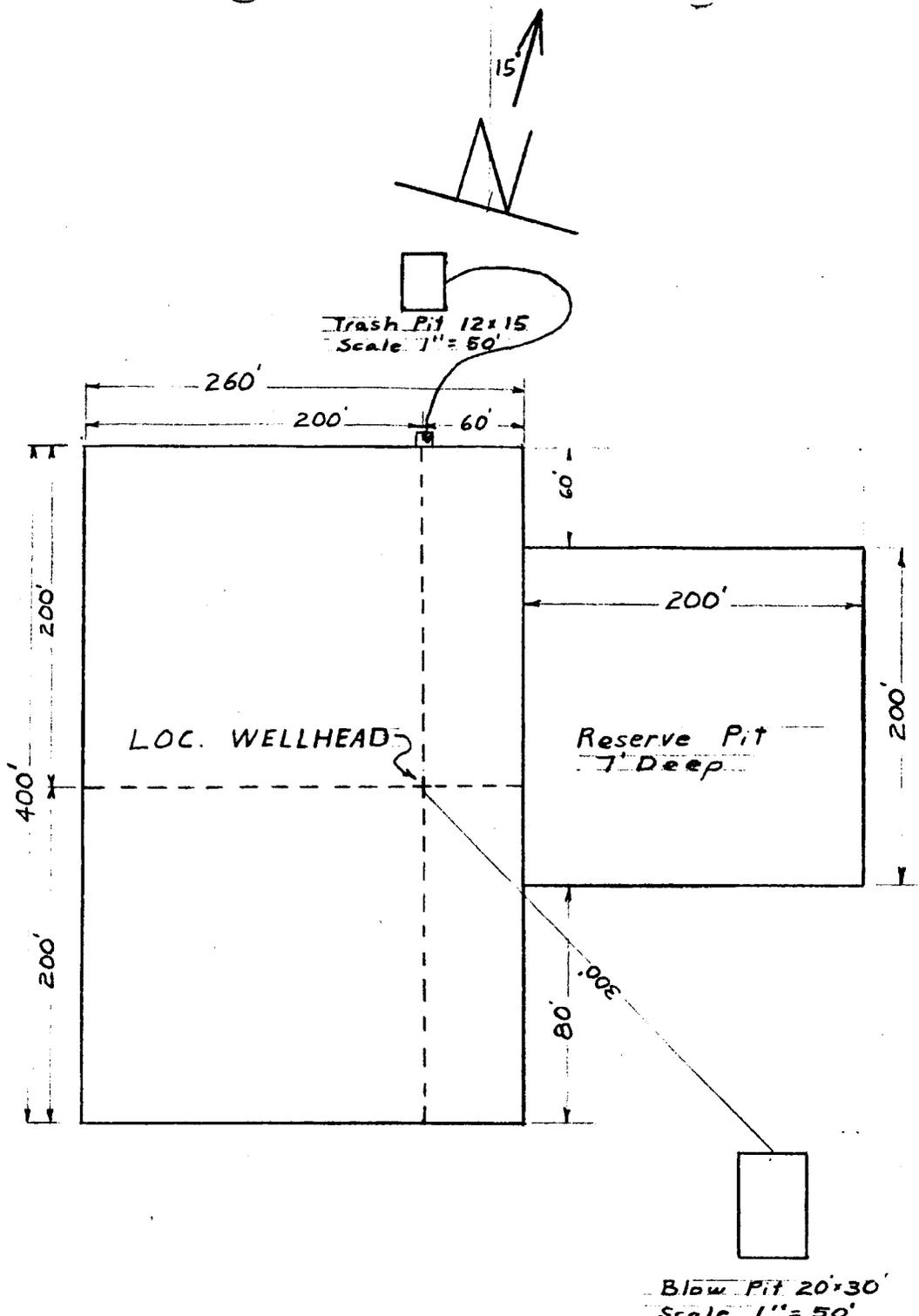
Rail Point, Castle Rock, UT - 147.6 miles  
 Mud Point, Vernal, UT - 72.6 miles  
 Cement Point, Vernal, UT - 72.6 miles

1-16-78









APPROXIMATELY 3.3 Acres

Amoco Production Company		SCALE: 1" = 100'
Buck Camp Unit No. 1		DRG. NO.

THE FOLLOWING SEEDING PLAN FOR RESTORATION OF SURFACE WILL BE  
USED UNLESS OTHERWISE DIRECTED BY THE BLM

1. TIME:

All seeding will take place between July 1, and September 15, 1978,  
or as required by the BLM.

2. EQUIPMENT:

Seeding will be done with a disc-type drill with two boxes for  
various seed sizes. The drill rows will be eight to ten inches  
apart. The seed will be planted not less than one-half inch  
deep or more than one inch deep. The seeder will be followed  
with a drag, packer, or roller to insure uniform coverage of  
the seed, and adequate compaction. Drilling will be done on  
the contour where possible, no up and down the slope. Where  
slopes are too steep for contour drilling, a "cyclone" hand  
seeder or similar broadcast seeder will be used. Seed will then  
be covered to the depth described above by whatever means is  
practical.

3. SPECIES TO BE PLANTED IN POUNDS PURE-LIVE-SEED PER ACRE:

Crested Wheatgrass	0.71 lbs.
Russian Wild Rye	0.86 lbs.
Perennial Rye Grass	0.57 lbs.
Western Wheatgrass	1.43 lbs.
Smooth Brome	1.14 lbs
Intermediate Wheat	0.91 lbs.
Pubescent Wheatgrass	1.09 lbs
Orchard Grass	.298 lbs.

BUCK CAMP UNIT WELL NO. 1  
619' FEL & 649' FNL, SECTION 22, T-12-S, R-22E  
UINTAH COUNTY, UTAH

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are, to be best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by AMOCO PRODUCTION  
COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

January 16, 1978

Date

  
Name and Title

Area Supt.

Amoco Production Company's Representative:

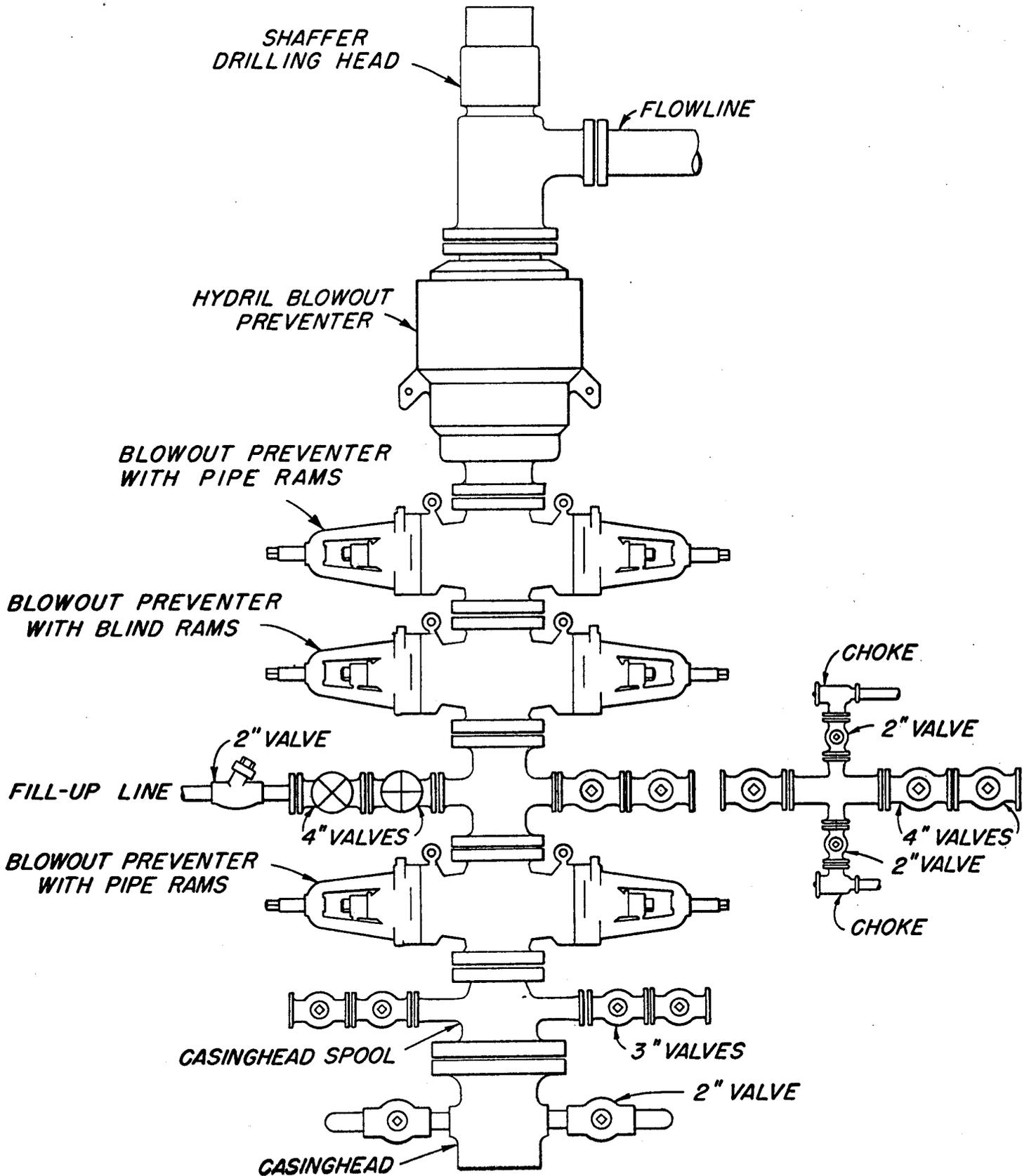
L. O. Speer, Jr.

Phone: Office: 505-325-8841; Home: 505-325-3247

Address: 501 Airport Drive  
Farmington, NM 87401

BLOWOUT PREVENTER HOOK-UP FOR DRILLING BELOW INTERMEDIATE CASING

1. BLOW-OUT PREVENTERS AND MASTER VALVE TO BE FLUID OPERATED AND ALL FITTINGS MUST BE IN GOOD CONDITION, 5,000# W.P. (10,000 P.S.I. TEST), MINIMUM.
2. EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AS LARGE AS THE INSIDE DIAMETER OF THE CASING THAT IS BEING DRILLED THROUGH.
3. KELLY COCK REQUIRED, 5,000# W.P. (10,000 P.S.I. TEST), MINIMUM.
4. OMSCO OR COMPARABLE SAFETY VALVE MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES WITH PROPER CONNECTION OR SUB, 5,000# W.P. (10,000 P.S.I. TEST), MINIMUM.
5. CHOKE ASSEMBLY, BEYOND SECOND VALVE FROM CROSS, MAY BE POSITIONED (OPTIONAL) OUTSIDE OF DERRICK FOUNDATION.
6. PLUG VALVES - GATE VALVES ARE OPTIONAL.
7. CASING HEAD AND CASING HEAD SPOOL TO BE FURNISHED BY PAN AMERICAN. 3" VALVES ON CASING HEAD SPOOL TO BE FURNISHED BY CONTRACTOR.



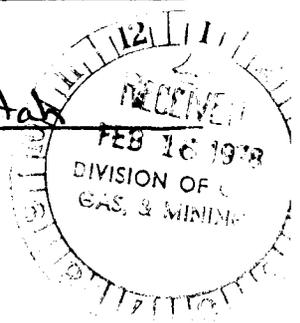
**BLOWOUT PREVENTER HOOK-UP  
FOR  
AIR OR GAS DRILLING**

LEASE U-26346A (Buck Camp Unit Pending) DATE JAN 23, 78

WELL NO. 1

LOCATION: NENE 1/4 NE 1/4, SEC. 22, T. 12S, R. 22E

FIELD Wildcat COUNTY Uintah STATE Utah



ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

I. PROPOSED ACTION

Amoco Production Company PROPOSES TO DRILL AN OIL AND  
(COMPANY)  
GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 15000' FT. TD. 2) TO CONSTRUCT A  
DRILL PAD 290 FT. X 440 FT. AND A RESERVE PIT 200 FT. X 200 FT.  
3) TO CONSTRUCT 18 FT. WIDE X 1.3 MILES ACCESS ROAD AND UPGRADE 18  
FT. WIDE X 4.5 MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD. TO CONSTRUCT

GAS  OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PAD  
AND  TRUCK  TRANSPORT THE PRODUCTION THROUGH A PIPELINE TO A TIE-IN IN  
SECTION T. R. Upgrade by blading air strip sec 10 & 3.  
NOT KNOWN AT THIS TIME

2. LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).

(1) TOPOGRAPHY:  ROLLING HILLS  DISSECTED TOPOGRAPHY  DESERT  
OR PLAINS  STEEP CANYON SIDES  NARROW CANYON FLOORS  ~~BEEP~~ DRAINAGE  
IN AREA  SURFACE WATER Proposed well site is on point between a large  
wash and medium drainage pattern

(2) VEGETATION:  SAGEBRUSH  PINION-JUNIPER  PINE/FIR  FARMLAND  
(CULTIVATED)  NATIVE GRASSES  OTHER Access Road will traverse thru  
Pinion-juniper trees in sec 28 & 27. Some trees 15-18' in Ht. Very few  
trees should be destroyed by upgrading of road.

(3) WILDLIFE:  DEER  ANTELOPE  ELK  BEAR  SMALL  
 MAMMAL  BIRDS  <sup>NONE KNOWN</sup> ENDANGERED SPECIES  OTHER \_\_\_\_\_

(4) LAND USE:  RECREATION  LIVESTOCK GRAZING  AGRICULTURE  
 MINING  INDUSTRIAL  RESIDENTIAL  OIL & GAS OPERATIONS

Access ROAD will cross state & private owned surface. Operator advised to obtain rt of way thru these lands. (see attached topo) A few dry holes are in general area as well as several small landing strips used in oil & gas operations over the years.

REF: BLM UMBRELLA EAR  
 USFS EAR  
 OTHER ENVIRONMENTAL ANALYSIS



3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY,

ALSO SOME NOISE would be from above power units.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

5A) USE OF AIR STRIP should improve safety of operations due to remoteness of site if accident should occur.

6) Proposed loc will require approx 15-18' cuts and fills. An entire drainage pattern would be blocked thus a canal would be cut near head to divert any run off to next drainage. A dugway would be required in side of hill for access. Rehab would be difficult of site.

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS. ~~NO~~ ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS ACTION. A LOC. 450' WEST has been suggested. (See Back page 2)

3) LOCATION WAS MOVED \_\_\_\_\_ TO AVOID \_\_\_\_\_  
 LARGE SIDEHILL CUTS     NATURAL DRAINAGE     OTHER \_\_\_\_\_

4) ~~Cultural~~ Clearance required. 12" + snow on ground at present.

Operator requested that access road be moved out of wash for long term maintenance and rehab. Do only to the ease of clearing cultural in wash, road to remain in wash. Operator needs rt of way clearance on private land.

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6) Surface disturbance ~~can~~ with difficult rehab.

6. DETERMINATION:

(THIS REQUESTED ACTION (DOES) (DOES NOT) CONSTITUTE A MAJOR FEDERAL ACTION SIGNIFICANTLY AFFECTING THE ENVIRONMENT IN THE SENSE OF NEPA, SECTION 102(2) (C).

DATE INSPECTED Jan 23, 78

INSPECTOR J. Evans.

U. S. GEOLOGICAL SURVEY  
CONSERVATION DIVISION - OIL & GAS OPERATIONS  
SALT LAKE CITY DISTRICT



FROM: District Geologist, Salt Lake City, Utah

TO: District Engineer, Salt Lake City, Utah

SUBJECT: ADP supplemental stipulations

Operator: Amoco

Well: #1

UINTAH Co., UTAH

Lease No. U-26346A

NE 1/4 NE 1/4 sec. 22

T. 12 S., R. 22 E.



1. Operator picked tops are adequate? Yes , No . If not: The following are estimated tops of important geologic markers:

Formation	Depth

Formation	Depth

2. Possible fresh water aquifers present below surface casing? Yes ?, No . If yes: Surface casing program may require adjustment for protection of fresh water aquifers to a depth of approximately \_\_\_\_\_ feet in the \_\_\_\_\_ Formation.

POSSIBLE 3 WATER-BEARING SANDS IN UINTA + WASATCH FM.

3. Does operator note all prospectively valuable oil and gas horizons? Yes , No . If not: The following additional horizons will be adequately logged for hydrocarbons:

Unit	Depth

Unit	Depth

4. Any other leasable minerals present? Yes , No . If yes: 1. Logs ( \_\_\_\_\_ \*) will be run through the \_\_\_\_\_ \*\* at approximate depths of \_\_\_\_\_ to \_\_\_\_\_ feet to adequately locate and identify anticipated \_\_\_\_\_ beds. 2. Logs ( \_\_\_\_\_ \*) will be run through the \_\_\_\_\_ \*\* at approximate depths of \_\_\_\_\_ to \_\_\_\_\_ feet to adequately locate and identify anticipated \_\_\_\_\_ beds. 3. Logs ( \_\_\_\_\_ \*) will be run through the \_\_\_\_\_ \*\* at approximate depths of \_\_\_\_\_ to \_\_\_\_\_ feet to adequately locate and identify anticipated \_\_\_\_\_ beds.

COAL - OPERATOR'S LOGGING PROGRAM WILL COVER COAL IN MESAVOURE + DAKOTA

5. Any potential problems that should be brought to operators attention (e.g. abnormal temperature, pressure, incompetent beds, H<sub>2</sub>S)? Yes , No . If yes, what?

UNKNOWN

6. References and remarks:

\* From 10 pt or others as necessary. \*\* Members, Formations.

Date: 2-7-78

Signed: Thomas R. Arzay

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

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other Wildcat

2. NAME OF OPERATOR  
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR  
501 Airport Drive Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
650' FNL x 1069' FEL, Section 22,  
AT SURFACE: T-12-S, R-22-E  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other)	Set	Surface Csg.

5. LEASE  
U-26346-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Buck Camp Unit

8. FARM OR LEASE NAME

9. WELL NO.  
1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
NE NE Section 22,  
T-12-S, R-22-E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
43-047-30357

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5989' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

3/8/78 Drilled 17-1/2" hole to 1027'. Set 13-3/8" 61# casing at 1027'. Cemented with 610 sx Class "G" with 6% gel; followed with 150 sx Class "G" Neat. Circulated good cement.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: March 17, 1978

BY: Ph. Muscarell

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Original Signed By E. E. SVOBODA TITLE Area Adm. Supvr. DATE 3/14/78

(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**

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other Wildcat

2. NAME OF OPERATOR  
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR  
501 Airport Drive Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
650' FNL x 1069' FEL, Section 22,  
AT SURFACE: T-12-S, R-22-E  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
U-26346-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Buck Camp Unit

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 NE/4 NE/4 Section 22,  
T-12-S, R-22-E

12. COUNTY OR PARISH | 13. STATE  
Uintah | UT

14. API NO.  
43-047-30357

15. ELEVATIONS: (SHOW DF, KDB, AND WD)  
5989' GL

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other)	<input type="checkbox"/>	Spud

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

Spudded 17-1/2" hole at 11:00 p.m., February 28, 1978 and were drilling at a depth of 49' February 28, 1978 over midnight March 1, 1978. Drilled to 78'; reamed to 26" hole and set 20" surface casing at 78'.



APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
DATE: March 20, 1978  
BY: Ph. Anselmi

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED E. E. SVOBODA TITLE Area Adm. Supvr. DATE 3/2/78

(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

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other **Wildcat**

2. NAME OF OPERATOR  
**AMOCO PRODUCTION COMPANY**

3. ADDRESS OF OPERATOR  
**501 AIRPORT DRIVE, FARMINGTON, NM 87401**

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: **650' FWL x 1069' FWL, Sec. 22, T12S,**  
AT TOP PROD. INTERVAL: **Same** **R22E**  
AT TOTAL DEPTH: **Same**

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <b>Alter BOP Plans</b>	

5. LEASE  
**U-26346-A**

6. IF INDIAN, ALLOTTEE OR TRIBES NAME

7. UNIT AGREEMENT NAME  
**Buck Camp Unit**

8. FARM OR LEASE NAME

9. WELL NO.  
**1**

10. FIELD OR WELDCATE NAME  
**Wildcat**

11. SEC., T., R., OR BLK. AND QUAD OR AREA  
**NE NE Section 22, T12S, R22E**

12. COUNTY OR PARISH  
**Utah**

13. STATE  
**Utah**

14. API NO.  
**43-047-30357**

15. ELEVATIONS (SHOW DF, KDB AND WD)  
**3985' GL**

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

**A 3000 psi WP BOP as shown by the attached schematic is being utilized on the above well. This equipment will remain installed to the intermediate casing point at approximately 8000 ft. After cementing intermediate casing, 3000 psi WP BOP will be installed and tested. This equipment will be utilized to 8000 ft. TD.**

APPROVED BY THE DIVISION OF  
APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

*Feb 14, 1978*

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Ft.

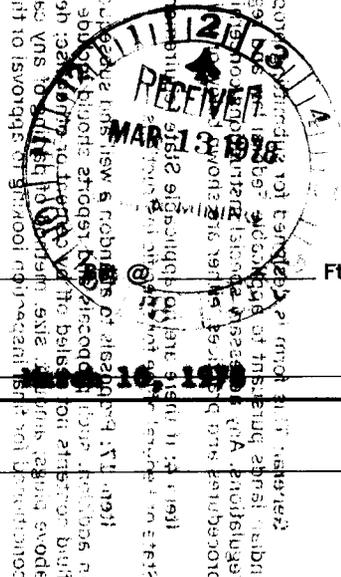
18. I hereby certify that the foregoing is true and correct

SIGNED *[Signature]* TITLE **Area Engineer** DATE **Feb 10, 1978**

(This space for Federal or State office use)

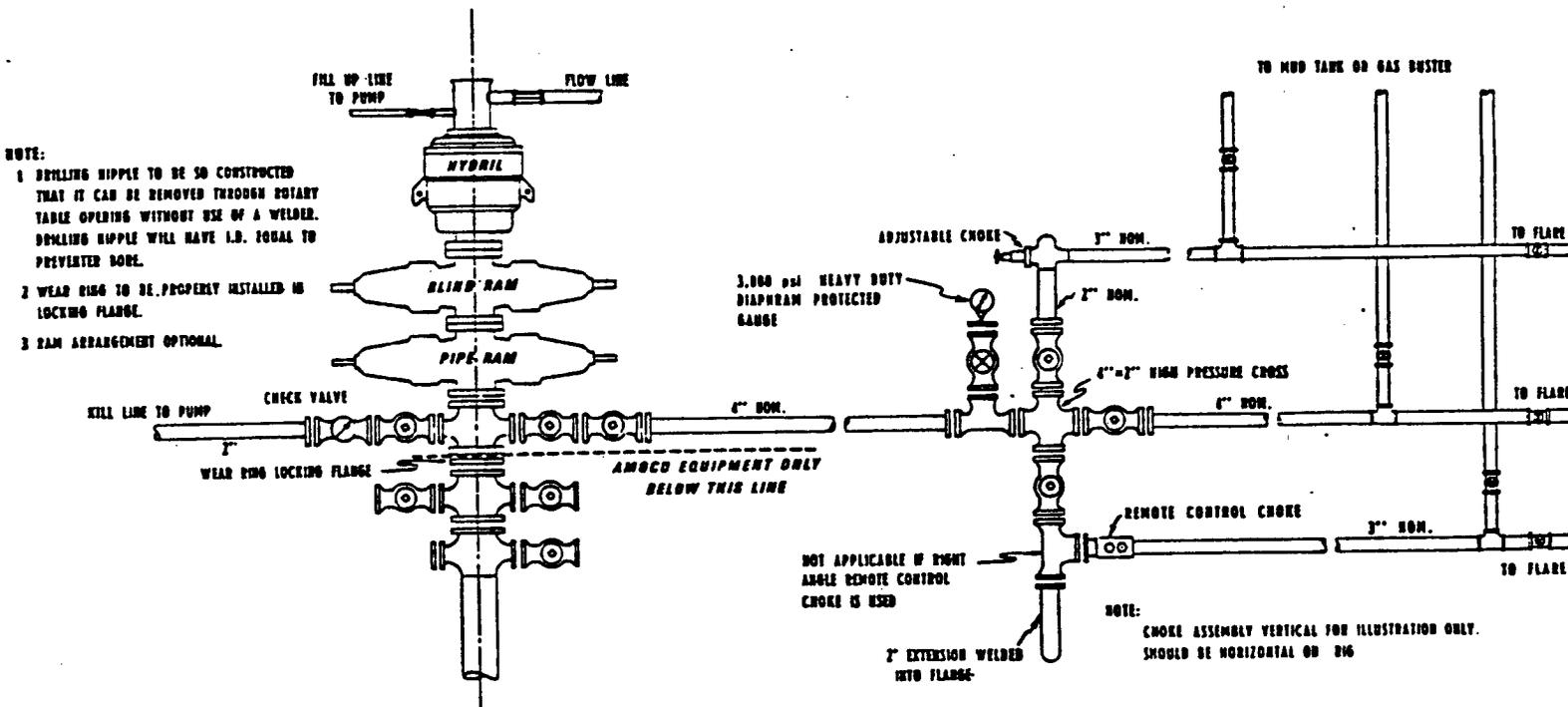
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

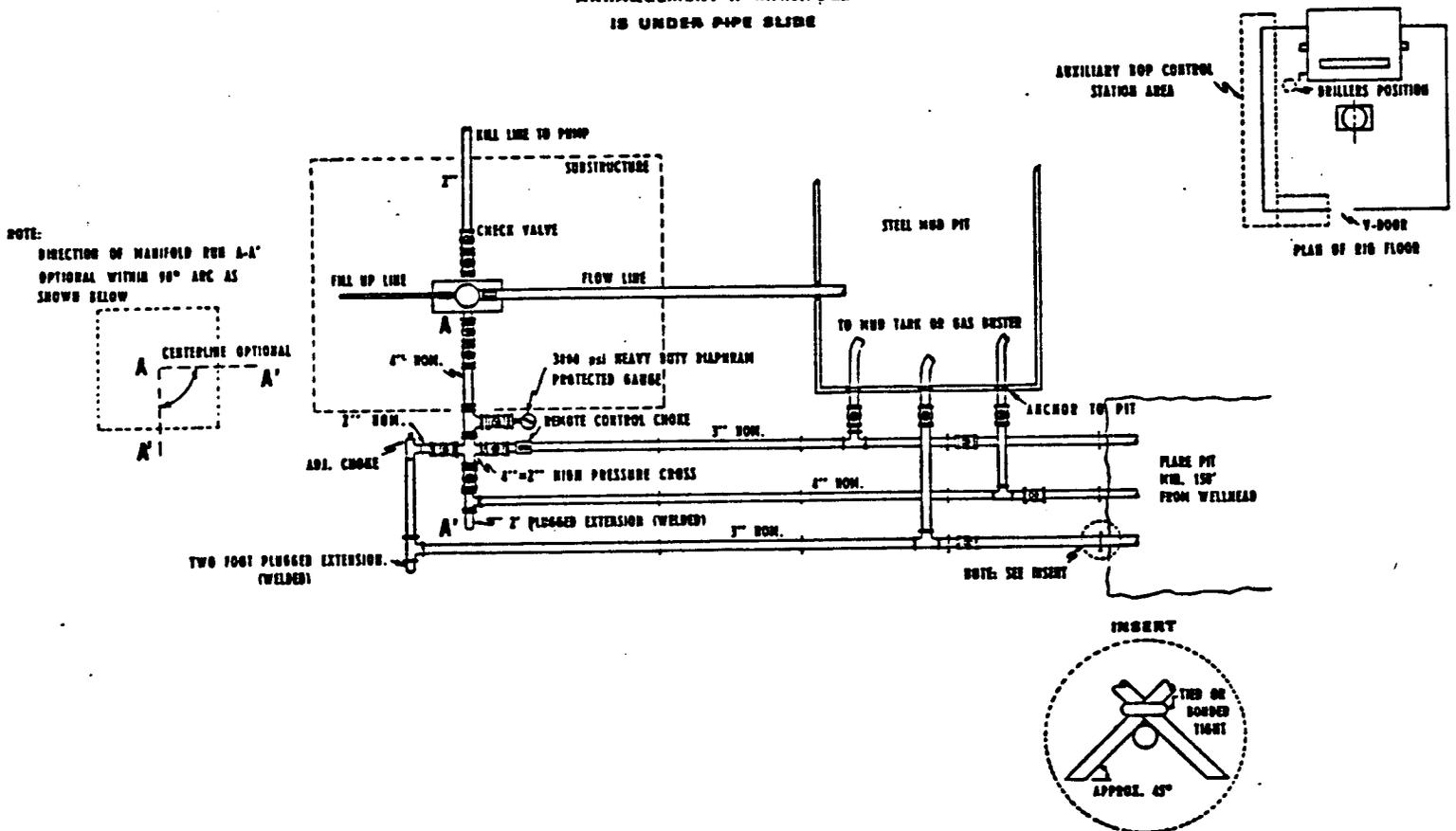


**Amoco Production Company**  
**MINIMUM BLOW-OUT PREVENTER REQUIREMENTS**  
**3,000 psi W.P.**  
**2/70**

**ARRANGEMENT IF MANIFOLD IS ON SIDE OF RIG**



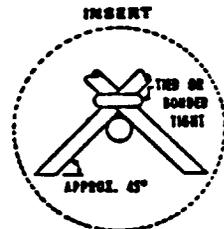
**ARRANGEMENT IF MANIFOLD IS UNDER PIPE SLIDE**



- NOTE:**
- 1 BLOW-OUT PREVENTERS, ALL FITTINGS AND PIPE MUST BE 3,000 psi W.P. MINIMUM.
  - 2 ALL FITTINGS UPSTREAM OF MANIFOLD TO BE FLANGED, SCREWED OR WELDED CONNECTIONS DOWNSTREAM FROM CHOKES PERMISSIBLE. ADJUSTABLE CHOKES MAY HAVE SCREWED CONNECTIONS.
  - 3 ALL VALVES TO BE FULL OPENING, PLUG OR GATE METAL TO METAL SEAL, AND 3,000 psi W.P. MINIMUM.
  - 4 SAFETY VALVE MUST BE AVAILABLE ON THE FLOOR AT ALL TIMES WITH PROPER CONNECTION. VALVE TO BE FULL BORE 3,000 psi W.P. MINIMUM.

- 5 ALL LINES DOWNSTREAM OF CHOKES TO BE SECURELY ANCHORED EVERY 30' AND REAR END OF CHOKES LINE.
- 6 EQUIPMENT THROUGH WHICH DRILL MUD MUST PASS SHALL BE AS LARGE AS HELIX DIAMETER OF THE CASING BEING DRILLED THROUGH.
- 7 KELLY COCK OR KELLY.
- 8 EXTENSION WRENCHES AND HAND WHEELS TO BE PROPERLY INSTALLED AND BRACED AT ALL TIMES.
- 9 AUXILIARY BLOW-OUT PREVENTER CONTROL STATION TO BE LOCATED AS CLOSE TO DRILLERS POSITION AS FEASIBLE.

- 10 BLOW-OUT PREVENTER CLOSING EQUIPMENT TO INCLUDE DRUMS ACCUMULATOR, AND TWO INDEPENDENT SOURCES OF PUMP POWER ON EACH CLOSING UNIT. INSTALLATION TO BE LOCATED AT LEAST 75' FROM STACK OR DRILLERS' SIDE OF RIG.
- 11 ALL UNPLACED PIPE MINIMUM 3" O.D. NOM. GRADE S-S STEEL TUBING OR MIN. 3,000 psi W.P. LINE PIPE.
- 12 REMOTE CONTROL CHOKES INSTALLATION AND LINE TO BE STRAIGHT AS POSSIBLE WITH NO 90° TURNS BELOW CHOKES.





CALVIN L. RAMPTON  
*Governor*

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

GUY N. CARDON  
*Chairman*

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

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

CLEON B. FEIGHT  
*Director*

1588 West North Temple  
Salt Lake City, Utah 84116

June 8, 1978

Amoco Production Company  
P. O. Box 1400  
Riverton, Wyoming 82501

Re: Well No. Amoco-Mtn Fuel/Chevron  
#1 Deseret  
Sec. 4, T. 6N, R. 8E  
Rich County, Utah - Oct. 1977 thru' May 1978  
✓ Well No. Buck Camp #1  
Sec. 22, T. 12S, R. 22E,  
Uintah County, Utah - Mar. 1978 thru' May 1978

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject well(s).

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER  
RECORDS CLERK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other Wildcat

2. NAME OF OPERATOR  
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR  
501 Airport Drive Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
650' FNL x 1069' FEL, Section 22,  
AT SURFACE: T-12-S, R-22-E  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

5. LEASE  
U-28346-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Buck Camp Unit

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
NE 1/4 Section 22,  
T-12-S, R-22-E

12. COUNTY OR PARISH  
Uintah

13. STATE  
UT

14. API NO.  
43-047-30357

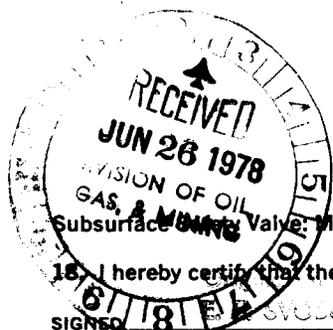
15. ELEVATIONS (SHOW DEPT. KDB AND WD)  
5989' EGL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Intermediate Casing</u>	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*  
Pressure tested 13-3/8" casing to 2500 psi; held OK. Drilled 12-1/4" hole to 7786'. Ran 9-5/8", 43.5#, S-95 and 40#, N-80 casing and set at 7786' with DV tool; set at 5791'. Cemented with 910 sx Class "G", 2% gel. Opened DV tool and unable to circulate. No cement pumped on second stage. Drilled DV tool in 9-5/8" casing. Pressure tested to 3000 psi; held OK. Drilled 8-1/2" hole to 15,082'. No shows of oil or gas. Prepare to P & A.



APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
DATE: 6-22-78  
BY: Chen B. Smith Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct  
SIGNED: Chen B. Smith TITLE Area Adm. Supervisor DATE 6/21/78

(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**

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other Wildcat

2. NAME OF OPERATOR  
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR  
501 Airport Drive Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
650' FNL x 1069' FEL, Section 22,  
AT SURFACE: T-12-S, R-22-E  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

5. LEASE  
U-26381-A

6. IF INDIAN, ALLOTTEE OR TRIBES NAME

7. UNIT AGREEMENT NAME  
Buck Camp Unit

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD OR WELL BLOCK NAME  
Wildcat

11. SEC., T., R., S. OR BLK. AND QUARTER OR AREA NE/4 Sec 22, T-12-S, R-22-E

12. COUNTY OR PARISH  
Uintah

13. STATE  
WY

14. API NO.  
43-04780357

15. ELEVATIONS (SHOW DEPTHS AND WD)  
598 GL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input checked="" type="checkbox"/>
(other) _____	

(NOTE: Report results of multiple completions or zone change on Form 9-330.)

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 top depths and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Plugged and abandoned as follows; per verbal approval.

100 sx - 14,300'-14,150', 100 sx - 13,800'-13,650', 200 sx - 11,000'-800',  
100 sx - 7,800'-7,600' and 100 sx - 5775'-5625' over DV Point.  
Cut 9-5/8" casing at 1050'; pulled 1030'. Pumped 10 sx from 1100-940  
30 sx from 30' to surface. Installed marker 4-1/2" above surface. Pumped  
and cleaned mud pits.

Rig released 6/15/78.

Will advise when pits are filled and location is cleaned and

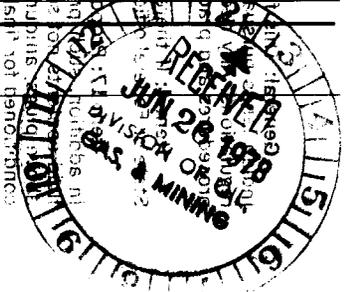
Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Ft.

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

SIGNED E. E. Roboda TITLE Area Adm. Supvr. DATE 6/21/78

(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**

**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 Form 9-331-C for such proposals.)

JUL 3 1978

1. oil well <input type="checkbox"/> gas well <input checked="" type="checkbox"/> other <input type="checkbox"/>	FARMINGTON AREA
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY	1 AS <i>CSB</i>
3. ADDRESS OF OPERATOR 501 Airport Drive Farmington, NM 87401	2 AAS
4. LOCATION OF WELL (REPORT LOCATION CLEARLY below.) 650' FNL x 1069' FEL, AT SURFACE: T-12-S, R-22-E AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same	3 AE <i>X</i>

5. LEASE U-26346-A	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME Buck Camp Unit	
8. FARM OR LEASE NAME	
9. WELL NO.	
10. FIELD OR WILDCAT NAME Wildcat	
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA NE 1/4 NE 1/4 Section 22, T-12-S, R-22-E	
12. COUNTY OR PARISH Uintah	13. STATE UT
14. API NO. 43-047 30357	
15. ELEVATIONS (SHOW DEPT. KDB, AND WD)	

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

- TEST WATER SHUT-OFF
  - FRACTURE TREAT
  - SHOOT OR ACIDIZE
  - REPAIR WELL
  - PULL OR ALTER CASING
  - MULTIPLE COMPLETE
  - CHANGE ZONES
  - ABANDON\*
- (other)

- 
- 
- 
- 
- 
- 
- 
- 

APPROVED BY THE DIVISION OF OIL, GAS AND MINING  
DATE: July 27 1978  
BY: *[Signature]*

NOTE: Report results for multiple completion or zone change on Form 9-330.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Plugged and abandoned as follows:

Per verbal approval, 100 sx - 14,300-14,150', 100 sx 13,800-13,650', 100 sx - 11,000-10,800', 100 sx - 7,800'-7,600' and 100 sx 5,775'-5,550' over by tool. Ran freepoint. Cut 9-5/8" casing at 1050'; pulled 1030' at 100-940'. Pumped 30 sx from 30' to surface. Installed marker 4-1/2" above surface. Emptied and cleaned mud pits.

Rig released 6/15/78.

Will advise when pits are filled and location is cleaned up and see

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED E. E. SVOBODA TITLE Area Adm. Supvr. DATE 6/26/78

(This space for Federal or State office use)  
APPROVED BY *[Signature]* TITLE DISTRICT ENGINEER DATE JUN 28 1978

CONDITIONS OF APPROVAL, IF ANY:

*Operator*

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

SUBMIT IN DUPLICATE

(See instruction on reverse side)

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

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

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

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

2. NAME OF OPERATOR  
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR  
501 Airport Drive Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface  
650' FNL x 1069' FEL, Section 22, T-12-S, R-22-E  
At top prod. interval reported below  
Same  
At total depth  
Same

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

5. LEASE DESIGNATION AND SERIAL NO.  
U-26346-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME \_\_\_\_\_

7. UNIT AGREEMENT NAME  
Buck Camp Unit

8. FARM OR LEASE NAME \_\_\_\_\_

9. WELL NO. \_\_\_\_\_

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
NE/4 NE/4 Section 22, T-12-S, R-22-E

12. COUNTY OR PARISH  
Uintah

13. STATE  
UT

15. DATE SPUDDED 2/28/78 16. DATE T.D. REACHED 5/31/78 17. DATE COMPL. (Ready to prod.) P & A 6/15/78 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5989' GL 19. ELEV. CASING HEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD 15,082' 21. PLUG, BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY ROTARY TOOLS O-TD CABLE TOOLS \_\_\_\_\_

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 Dual Induction-Laterolog, Compensated Neutron Formation Density, Continuous Dipmeter & Borehole Compensated Sonic

27. WAS WELL CORED  
Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	106#	80'	26"	235 SX	
13-3/8"	61#	1027'	17-1/2"	760 SX	
9-5/8"	43.5, 40#	7786'	12-1/4"	910 SX	1020'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

None

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) P & A

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 Original Signed By \_\_\_\_\_

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

Area Adm. Supervisor \_\_\_\_\_ DATE 6/27/78

or Additional Data on Reverse Side)





SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

I. DANIEL STEWART  
*Chairman*

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

CLEON B. FEIGHT  
*Director*

July 21, 1978

Amoco Production Company  
501 Airport Drive  
Farmington, New Mexico 87401

Re: Well No. Buck Camp Unit #1  
Sec. 22, T. 12S, R. 22E,  
Uintah County, Utah

Gentlemen:

This letter is to advise you that the electric and or radioactivity logs for the above referred to well(s) are due and have not been filed with this office as required by our rules and regulations.

If electric and/or radioactivity logs were not run on said well, please make a statement to this effect in order that our records may be kept accurate and complete.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER  
RECORDS CLERK

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

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other Wildcat

2. NAME OF OPERATOR  
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR  
501 Airport Drive Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
650' FNL x 1069' FEL, Section 22,  
AT SURFACE: T-12-S, R-22-E  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
U-26346-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Buck Camp Unit

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
NE/4 NE/4 Section 22,  
T-12-S, R-22-E

12. COUNTY OR PARISH  
Uintah

13. STATE  
UT

14. API NO.  
43-047-30357

15. ELEVATIONS (SHOW DE, KDB, AND WD)  
5989' GL

REQUEST FOR APPROVAL TO:                      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF                      

FRACTURE TREAT                              

SHOOT OR ACIDIZE                              

REPAIR WELL                                      

PULL OR ALTER CASING                              

MULTIPLE COMPLETE                              

CHANGE ZONES                                      

ABANDON\*    

(other) \_\_\_\_\_



(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

Abandonment operations on the subject well were completed as follows:

- 1) The road and location were cleaned-up and restored back to original contours on 9/27/78.
- 2) The road and location were seeded per BLM specifications on 10/25/78.

The site is now ready for final inspection.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

Original Signed By  
SIGNED E. E. SVOBODA TITLE Dist. Adm. Supvr. DATE 1/9/78

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

I. DANIEL STEWART  
*Chairman*

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

CLEON B. FEIGHT  
*Director*

November 21, 1978

**Anoco Production Company**  
501 Airport Drive  
Farmington, New Mexico 87401

Re: **Well No. Buck Camp Unit #1**  
**Sec. 22, T. 12S, R. 22E,**  
**Uintah County, Utah**  
**Second Request**

Gentlemen:

According to our records, a "Well Completion Report" filed with this office ~~6-27-78~~ from above referred to well(s) indicates the following electric logs were run: **Dual Induction-  
Laterlog, Compensated Neutron Formation Density, Continuous Dip-  
meter & Borehole Compensated Sonic.**

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS & MINING

*Kathy Ostler*  
KATHY OSTLER  
RECORDS CLERK