

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

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

FEB 28 1983

SALT LAKE CITY, UTAH
SINGLE ZONE MULTIPLE ZONE

5. LEASE DESIGNATION AND SERIAL NO.
U-15285

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
#7-12

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 7 T21S R19E

12. COUNTY OR PARISH | 13. STATE
Grand | Utah

22. APPROX. DATE WORK WILL START*
May 1, 1983

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**

2. NAME OF OPERATOR
BWAB, Inc.

3. ADDRESS OF OPERATOR
7935 E. Prentice, DTC 40W, Englewood, CO 80111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
Lot 3 (1980' FNL & 660' FWL)
 At proposed prod. zone
same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
9.6 miles North of Crescent Junction, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) -----
 16. NO. OF ACRES IN LEASE **637.69**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. -----
 19. PROPOSED DEPTH **5500'**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5677' GR

23. **All New Casing** **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#,K-55,ST&C	500'	circulate to surface
7 7/8"	5 1/2"	15.5-17#,K-55,ST&C	5500'	350 sxs.

1. Drill 12 1/4" hole and set 8 5/8" casing to 500'.
2. Log BOP checks in daily drill reports and drill 7 7/8" hole to 5500'.
3. Run tests if warranted and run 5 1/2" casing if productive.
4. Run logs as needed, perforate, and stimulate as needed.

EXHIBITS ATTACHED

- "A" Location and Elevation Plat
- "B" Ten-point Compliance Program
- "C" BOP Diagram
- "D" Multipoint Requirements for APD
- "E" Access Road Maps into Location
- "F" Drill Pad Layout, Production Facilities, & Cut-Fills
- "G" Drill Rig Layout
- "H" Radius Map of Existing Wells

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 Robert C. Arceneaux TITLE Vice-President-Production DATE March 1, 1983
 (This space for Federal or State office use)

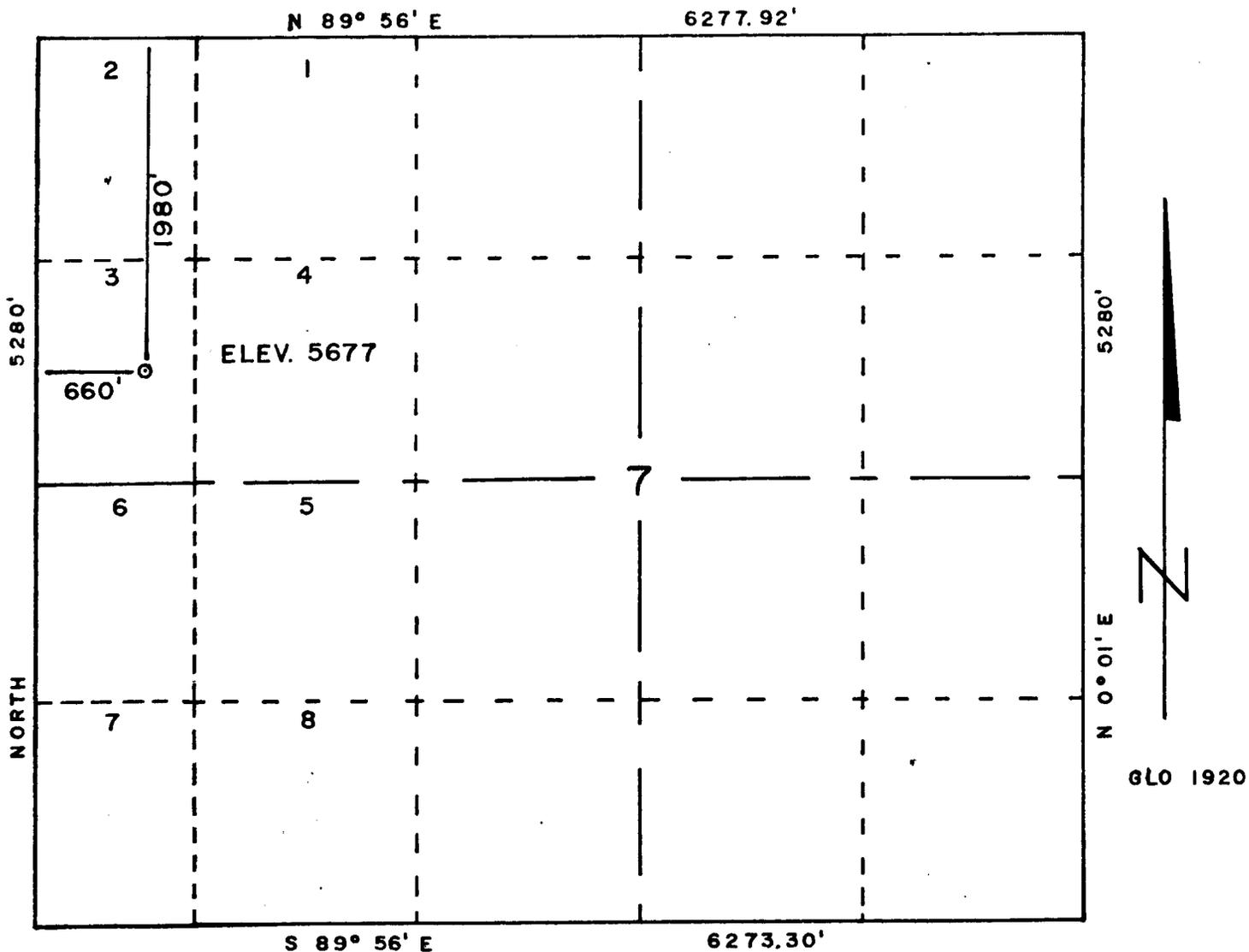
PERMIT NO. _____ FOR E. W. GUYNN APPROVAL DATE MAY 10 1983
 APPROVED BY [Signature] TITLE DISTRICT OIL & GAS SUPERVISOR DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
 *See Instructions On Reverse Side

FLARING OR VENTING OF
 GAS IS SUBJECT TO NTL 4-A
 DATED 1/1/80

NOTICE OF APPROVAL

State O&G



THIS WELL LOCATION PLAT WAS PREPARED FOR BWAB INC.
 TO LOCATE THE 7-12 FEDERAL
1980' FNL & 660' FWL, IN THE LOT 3, SECTION 7
T 21 S, R 19 E OF THE S.L. P.M., GRAND COUNTY
UTAH.

Surveyor's Certificate

I, NEALE C. EDWARDS, A R.L.S. in the State of
UTAH do hereby certify that this survey
 was made under my direct supervision and that
 this plat represents said survey.

Date: 1-20-83



Neale C. Edwards
 Surveyor's No. 5252

SEED MIXTURE . .

Species

Grasses

lbs/acre

Hilaria jamesii	Galleta (Curlygrass)	1
Oryzopsis hymenoides	Indian ricegrass	2

Forbs

Melilotus officinalis	Yellow sweetclover	.5
Sphaeralcea coccinea	Scarlet globemallow	.5

Shrubs

Atriplex canescens	Fourwing saltbush	1
	(White greasewood)	
Eurotia lanata	Winterfat (Whitesage)	1
		<hr style="width: 10%; margin-left: auto; margin-right: 0;"/>
		6 lbs/acre

Broadcast seed will be applied at double the above rate. Seeding will be done in the fall of the year (Oct. - Dec.)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green (Sears)

~~Tumblewood (Pratt & Lambert)~~

~~Sea Life (Pratt & Lambert)~~

Sage Gray (Pratt & Lambert)

Bookcliffs Region:

Sage Gray (Pratt & Lambert)

Sea Life (Pratt & Lambert)

Dynasty Green (Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

58018

Printed by P&M Printing. (303) 893-1681

COLLECT DIRECTLY THROUGH

PAID

First National Bank of Denver, N.A.

MAR 15 1983

MAR 22 1983

DATE February 25, 1983

- 10 -

Days After Sight and Subject to Approval of Title

Pay to the Order of Paul B. Allen

\$ 1,000.00

One thousand and 00/100

DOLLARS

With Exchange

Consideration for Use of water during drilling operations - Blaze Canyon Prospect

To: BWAB Incorporated
40 DTC West
7935 E. Prentice Ave.
Englewood, Colorado 80111

Richard B. Porter

Richard B. Porter

3-25

THIS IS A COLLECTION ITEM
NOT A CASH ITEM

CUSTOMER'S DRAFT
With privilege of Re-Draft

BWAB INCORPORATED

40 DTC West
7935 East Prentice Avenue
Englewood, Colorado 80111
Phone (303) 740-7222

May 11, 1983

State of Utah
Division of Oil, Gas & Mining
4241 State Office Bldg.
Salt Lake City, UT 84114

RE: Federal #12-42
SE NE Sec. 12-T21S-R18E
Grand Co., UT

RECEIVED
MAY 16 1983

**DIVISION OF
OIL GAS & MINING**

Gentlemen:

Enclosed are two (2) copies of our Application to Drill and Survey Plat for the above captioned well. Also enclosed is one (1) complete copy of the NTL-6 filed with the Bureau of Land Management. Bill Martens from the BLM in Salt Lake City has informed me that the NTL-6 will be approved this week. I have included a copy of our draft to Mr. Paul B. Allen for use of water during drilling operations. I will forward our written agreement with Mr. Allen to you as soon as I receive it. If this meets with your approval, please execute and return one (1) copy to me for our files.

If anything further is needed or you have any questions, please contact the undersigned.

Very truly yours,

BWAB Incorporated

Carrie M. Sullivan

Carrie M. Sullivan
Senior Production Assistant

:CMS

Enclosures (6)

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

5. LEASE DESIGNATION AND SERIAL NO.
U-16683

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
#12-42

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 12 T21S R18E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
May 1, 1983

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
BWAB, Inc.

3. ADDRESS OF OPERATOR
7935 E. Prentice, DTC 40W, Englewood, CO 80111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
SE NE (2014' FNL & 818' FEL)
At proposed prod. zone
same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10.1 miles North of Crescent Junction, Utah

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

16. NO. OF ACRES IN LEASE
491.81

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

19. PROPOSED DEPTH
5500'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5547' GR

NAVAJO

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#,K-55,ST&C	500'	circulate to surface
7 7/8"	5 1/2"	15.5-17#,K-55,ST&C	5500'	350 sx.

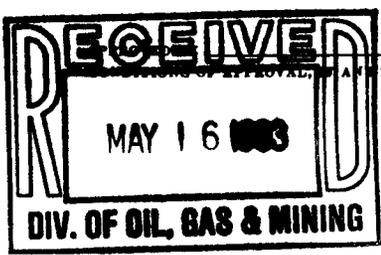
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2. Log BOP checks in daily drill reports and drill 7 7/8" hole to 5500'.
3. Run tests if warranted and run 5 1/2" casing if productive.
4. Run logs as needed, perforate, and stimulate as needed.

EXHIBITS ATTACHED

- "A" Location and Elevation Plat
- "B" Ten-point Compliance Program
- "C" BOP Diagram
- "D" Multipoint Requirements for APD
- "E" Access Road Maps into Location
- "F" Drill Pad Layout, Production Facilities, & Cut-Fills
- "G" Drill Rig Layout
- "H" Radius Map of Existing Wells

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24. SIGNED Robert C. Arceneaux TITLE Vice-President-Production DATE March 1, 1983
Robert C. Arceneaux
(This space for Federal or State office use)



APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 5-17-83
BY: [Signature]

*See Instructions On Reverse Side

March 1, 1983

Energy Consulting Services, Inc.
6868 S. Revere Parkway, Ste. 255
Englewood, Colorado 80112

RE: Filing NTL-6 and A.P.D. Form 9-331C
BWAB, Inc.
#12-42 Federal
SE NE Sec. 12 T21S R19E
Grand County, Utah
Lease #U-16683

Gentlemen:

This is to confirm our understanding with you that Energy Consulting Services, Inc. is authorized to act as our agent in the following capacities:

- A. In preparing and filing necessary applications, permits, and compliance programs, including NTL-6 reports for the above-captioned well location.
- B. In accepting on our behalf any changes to location, proposed facilities and/or surface use plan and compliance program requested at onsite inspections when we are unable to have a company representative present. Such changes will then be binding upon us or designated operator.

Energy Consulting Services, Inc. responsibilities do not include construction of the location or supervision of drilling, completion or rehabilitation operations.

BWAB, INC.



Robert Arceneaux
Vice-President, Production

ECS/ Energy Consulting Services, Inc.
255 Arapahoe Airport Center
6868 S. Revere Parkway
Englewood, Colorado 80112
(303) 694-7366

RECEIVED
MAY 16 1983
DIV. OF OIL, GAS & MINING

March 1, 1983

District Supervisor, Oil & Gas Operations
Bureau of Land Management
1745 West 1700 South, 2000 Administration Bldg.
Salt Lake City, Utah 84104

RECEIVED
FEB 23 1983
BWAB INCORPORATED

RE: Filing NTL-6 and A.P.D. Form 9-331C
BWAB, Inc.
#12-42 Federal
SE NE Sec. 12 T21S R19E
Grand County, Utah
Lease #U-16683

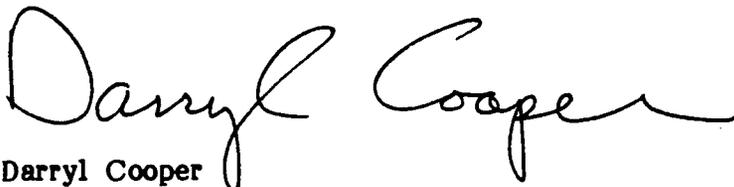
Dear Sir:

Enclosed are three copies of the NTL-6 program and A.P.D. Form 9-331C for the above-captioned well location, which was inspected on February 16, 1983. Included in the NTL-6 are the B.L.M. stipulations that were agreed upon at that onsite inspection.

I would appreciate any efforts made to expedite approval of this location.

Sincerely,

ENERGY CONSULTING SERVICES, INC.



Darryl Cooper
Manager, Environmental Services

Enclosures

cc: Mr. Robert Arceneaux, BWAB, Inc., Englewood, CO
Bureau of Land Management, Moab, Utah
Oil & Gas Office, Vernal, Utah

EXHIBIT "B"
TEN-POINT COMPLIANCE PROGRAM
OF NTL-6 APPROVAL OF OPERATIONS

Attached to Form 9-331C

BWAB, Inc.
#12-42 Federal
SE NE Sec. 12 T21S R18E
Grand County, Utah

1. The Geologic Surface Formation

The surface formation is the Castlegate Formation.

2. Estimated Tops of Important Geological Markers

Dakota	3650'
Morrison	3910'
Entrada	4890'
Carmel	5250'
Navajo	5400'
Total Depth	5500'

3. Estimated Depths of Anticipated Water, Oil, Gas, or Minerals

Dakota	3650'	Oil
Moab Tongue of Morrison	3910'	Oil
Entrada	4890'	Oil
Navajo	5400'	Oil

4. The Proposed Casing Program

<u>HOLE SIZE</u>	<u>CASING SIZE</u>	<u>WEIGHT, GRADE, & JOINT</u>	<u>SETTING DEPTH</u>
12 1/4"	8 5/8"	24#, K-55, ST&C	500'
7 7/8"	5 1/2"	15.5# & 17#, K-55, ST&C	5500'

Cement Program

Surface - circulate to surface

Production - 350 sxs. Reg. + 2% CaCl & 1/4# Flocele.

5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "C" is a schematic diagram of the blowout preventer equipment. BOPs will be hydraulically tested to the full working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24 hour period, as will blind rams each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP will include an upper kelly cock, floor safety valve, and choke manifold with pressure rating equivalent to the BOP stack.

6. Type and Characteristics of the Proposed Circulating Muds

<u>DEPTH</u>	<u>TYPE</u>	<u>WEIGHT</u> (lbs./gal.)	<u>VISCOSITY</u> (sec./qt.)	<u>FLUID LOSS</u> (cc)
0-500'	Native Mud			No Control
500'-T.D.	Fresh Water	9.0-9.6	34-36	10-15

7. The Auxilliary Equipment to be Used

- a. A kelly cock will be kept in the string.
- b. A float will not be used at the bit.
- c. A mud logging unit will be monitoring the system.
- d. A stabbing valve will be on the floor to be stabbed into the drill pipe when the kelly is not in the string.

8. The Testing, Logging, and Coring Programs to be Followed

- a. Possible DST's in the Dakota, Morrison, Entrada, & Navajo formations.
- b. Logging will consist of:
Induction - SFL log from base of surface casing to Total Depth. Gamma Ray - Density Neutron log from 2500' to Total Depth.
- c. No cores are anticipated.
- d. Fracturing or acidizing are not anticipated. If warranted, then a diagram of facilities will be submitted in Sundry Notice form.

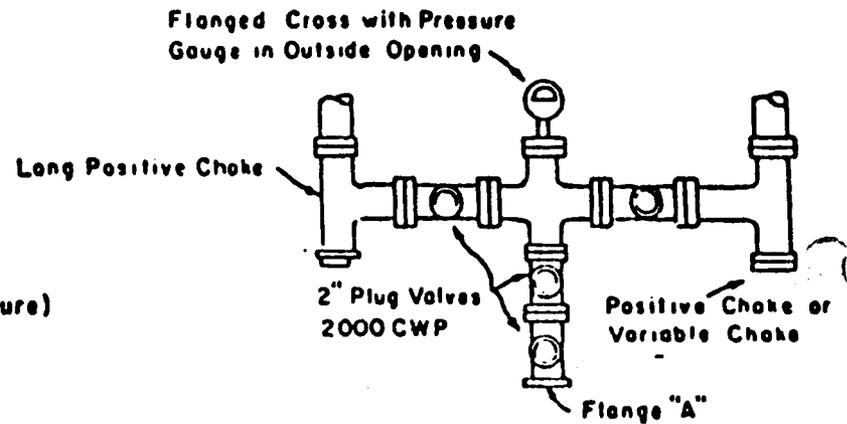
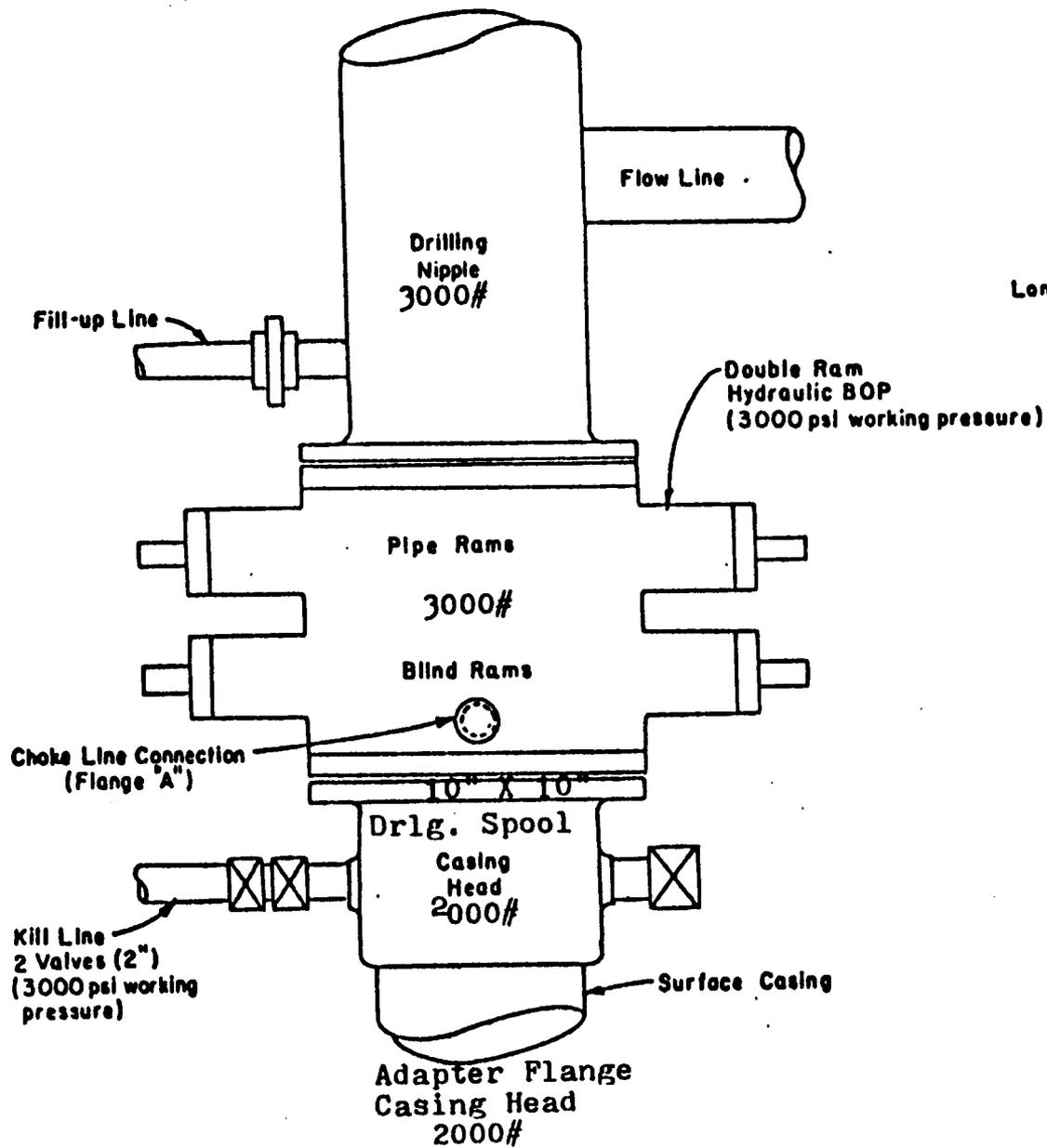
9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area or at the depths anticipated in this well.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10. Anticipated Starting Date and Duration of the Operations

The anticipated starting date is set for May 1, 1983 or as soon as possible after examination and approval of drilling requirements. Operations should be completed within 30 days after spudding the well.



PLAN VIEW-CHOKE MANIFOLD

EXH. T "C"
BLOWOUT PREVENTER
DIAGRAM

EXHIBIT "D"
MULTI-POINT REQUIREMENTS TO ACCOMPANY A.P.D.

Attached to Form 9-331C

BWAB, Inc.
#12-42 Federal
SE NE Sec. 12 T21S R18E
Grand County, Utah

1. Existing Roads

- A. The proposed well site and elevation plat is shown as EXHIBIT "A". Staking included two directional reference stakes and elevations.
- B. The distance from Crescent Junction, Utah is 10.1 miles. From Crescent Junction go North on a county road for 5 miles to a fork, take right fork and go 2.3 miles to an intersection, turn left(West) and go 1.2 miles to an intersection, turn left(South) and go 1.1 miles on an unimproved jeep trail to flagging, follow flagging for .5 mile to the location as shown on EXHIBIT "E".
- C. All roads to location are color-coded on EXHIBIT "E". An access road, 1.1 miles beginning from the existing county road, will be required as shown on EXHIBIT "E".
- D. This is an exploratory well. All existing roads within a three-mile radius are shown on EXHIBIT "E".
- E. The existing roads are upgraded county-maintained roads. The last 1.2 miles of county road will be upgraded. See Item 2 Planned Access Roads for details of improvements.

2. Planned Access Roads

Map showing all necessary access roads to be constructed is shown as EXHIBIT "E" for the following:

A. Drilling

- (1) The maximum width of the 1.6 mile new access road required for drilling will be 18 feet running surface. Total disturbed area will be a maximum of 32 feet.
- (2) The grade will be 4% maximum.
- (3) The top 2 inches of soil material will be saved and windrowed along the access road. Trees and vegetation will be stockpiled and windrowed on the uphill side.
- (4) Adequate maintenance will be done to insure drainage control. The road will be ditched and crowned where needed. Disturbance of the existing road should be used as a boundary for improvement.
- (5) No culverts will be needed.
- (6) The new road will be constructed in accordance with Class III road standards.
- (7) No fencecuts or cattleguards will be needed. Two gates will be needed on the existing road as shown on the access road map.
- (8) This road crosses public lands and a BLM Right-of-Way application will be submitted and the permit grant will be obtained prior to any construction on the location or access road. The Grand Resource Area Office in Moab will be contacted at least 48 hours prior to beginning any work on public land.

B. Production

- (1) If production is obtained, the new road will be graded and maintained to accomodate traffic. Areas not needed for operations will be reshaped, contoured, and reseeded with perennial vegetation as explained in Item 10.

3. Location of Existing Wells

For all existing wells within a two-mile radius to the Exploratory well, see EXHIBIT "H".

- (1) There are no water wells within a two-mile radius of this location.
- (2) There are seven abandoned wells.
- (3) There are no disposal, shut-in, or injection wells.
- (4) There are no wells presently being drilled.
- (5) There is one producing well within a two-mile radius.
- (6) There are no monitoring or observation wells for other uses.

4. Location of Existing and/or Proposed Facilities

- A. Within a one-mile radius of location, the following existing facilities are owned or controlled by BWAB, Inc.:
1. Tank Batteries: None.
 2. Production Facilities: None.
 3. Gas Gathering Lines: None.
 4. Injection Lines: None.
 5. Disposal Lines: None.
- B. If production is obtained, new facilities will be as follows:
1. Production facilities will be located in SE corner on solid ground of cut area of the drill pad, as shown on EXHIBIT "F". All production facilities will be painted dark green or other suitable color to blend with the surrounding environment.
 2. All well flow lines will be buried and will be on the well site and battery site. They will follow existing access routes where feasible.
 3. A berm will be constructed around the storage tanks. The loading valve will be inside the berm. The berm will be constructed to hold 110% of the volume of the tanks.
 4. All construction materials for battery site and pad will be obtained from site. No additional material from outside sources is anticipated.
 5. Any necessary pits will be fenced and flagged to protect livestock and wildlife.
- C. Rehabilitation, whether well is productive or dry, will be made on all unused areas in accordance with B.L.M. stipulations set forth in this report.

5. Location and Type of Water Source

- A. The source of water will be a creek in Floy Canyon. The point of diversion will be SESW Sec. 32 T20S R19E along the existing access road. Proper water authorization has been obtained by BWAB, Inc.
- B. Water will be transported by truck over existing roadways.
- C. No water well is to be drilled on the lease.

6. Construction Materials

1. No construction materials are needed for drilling or constructing access roads into the location during drilling. The surface soil materials will be sufficient.
2. No construction materials for access roads will be taken off Federal or Indian lands.
3. All surface soil materials for construction of access roads for drilling are sufficient and will be obtained from site.
4. All major access roads presently exist as shown on EXHIBIT "E".

7. Handling of Waste Materials and Disposal

1. Drill cuttings will be buried in the reserve pit.
2. Drilling fluids will be handled in the reserve pit.
3. Any fluids produced during drilling test or while making a production test will be collected in a test tank. Any spills of oil, gas, salt waters, or other noxious fluids will be cleaned up and removed. If well is productive, produced water will be disposed of on-site for 30 days only, or 90 days with permission of District Engineer. After that time application will be made for approval of permanent disposal method in compliance with NTL-2b.
4. Portable chemical facilities will be provided for human waste.
5. Garbage and non-flammable wastes produced during drilling or testing will be handled in the trash bin. Flammable waste will be disposed of in trash bin. Drill fluids, salts, water, drilling mud, tailings, and other hazardous chemicals be kept in reserve pit. The trash will be confined in a covered container and hauled to an approved landfill. Reserve pit will be fenced on three sides during drilling and fourth side fenced upon removal of the rig. The fence will be kept in good condition while the pit is drying. The fence will be 36 inches high constructed with woven wire with a single strand of barbed wire on top.
6. After the rig moves out, all materials will be cleaned up and no adverse materials or trash will be left on the location. All dangerous open pits will be fenced during drilling and kept closed until such time as the pit is leveled.

8. Ancillary Facilities

No air strip, camp, or other facilities will be built during drilling of this well.

9. Well Site Layout

1. EXHIBIT "F" is the Drill Pad Layout as staked with elevations and cuts and fills. Topsoil will be stripped 4 to 6 inches deep and stockpiled on the East end of the location. The corners will be rounded on the North side of the pad. Trees and vegetation will be stockpiled adjacent to the topsoil.
2. EXHIBIT "G" is a plan diagram of the proposed rig and equipment, reserve pit, trash bin, pipe racks and mud tanks, access road, parking and turnaround. No permanent living facilities are planned. There will be a trailer on site.
3. The reserve pit will be lined with plastic (20 mil or heavier) sufficient to prevent seepage. The reserve pit banks will be 1.5 to 2 feet above pad and constructed in 8" lifts, machinery compacted, and sufficiently wide for equipment to pass over.

10. Plans for Restoration

1. If the well is abandoned, the site will be restored to its original condition as nearly as possible. Backfilling, leveling and contouring are planned as soon as all pits have dried. Waste disposal and spoils materials will be hauled away to an approved landfill after drilling is completed. If production is obtained, the unused area will be restored.
2. The soil banked material will be spread over the area. If the well is abandoned, fill material will be pushed into cuts and up over the backslope leaving no depressions. Topsoil will be evenly distributed over the location and seeded according to a seed mixture prescribed by the B.L.M. The access road will be disked prior to seeding. All disturbed areas will be scarified with the contour to a depth of 8 inches. The pad will be left as a roughened surface. Seed will be broadcast at a time to be specified by the BLM with a prescribed seed mixture. A harrow or some such implement will be dragged over the seeded area to assure seed cover. After seeding is complete, the stockpiled trees and vegetation will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent any vehicle use.
3. If any oil is on the pits and is not immediately removed or burned after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
4. The rehabilitation operations will begin as soon as practicable after drilling and completion work is finished. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Planting and revegetation is considered best in the Fall and the Grand Resource Area Manager will be notified at least 48 hours prior to commencing work.

11. Other Information

1. The location is situated in a steep canyon. The canyon wall goes up from the South side and a drainage is along the North side and drains to the West. Vegetation consists of pinon pine, juniper, sagebrush, rabbitbrush, shadscale, saltbush, cacti, and various other grasses and forbs. Soil is of a thin sandy type on top of sandstone bedrock. Deer and cottontail rabbits tracks were observed at the onsite and other animals indigenous to the area are presumed to exist.
2. The primary surface use is for grazing. The access road and location are on public lands except for the SW Sec. 32 T20S R19E, which belongs to Paul Allen of Hotchkiss, CO. The landowner rehabilitation plan will be submitted at a later date.
3. The closest live water is a creek in Floy Canyon located about 2 miles NE of the location.

The closest occupied dwelling is a ranch in the NE Sec. 32 T20S R19E.

A complete, standard cultural resource and archaeological survey has been conducted by a qualified archaeologist, and a report is enclosed. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing sites or picking up artifacts. Salvage or excavation of identified sites will only be done if damage occurs.

4. Construction and drilling activity will begin on May 1, 1983. It is anticipated that operations will be completed 30 days after commencement of drilling.

A burning permit from the State Land Forestry and Fire Control office in Moab will be obtained if any burning is required. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.

12. Lessee's or Operator's Representative

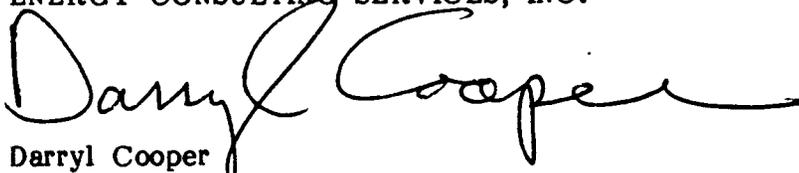
Darryl Cooper
Agent Consultant for
BWAB, Inc.
6868 S. Revere Pkwy, #255
Englewood, CO 80112
(303) 694-7366

Robert C. Arceneaux
Vice-President, Production
BWAB, Inc.
7935 E. Prentice, DTC 40W
Englewood, CO 80111
(303) 740-7222

13. Certification

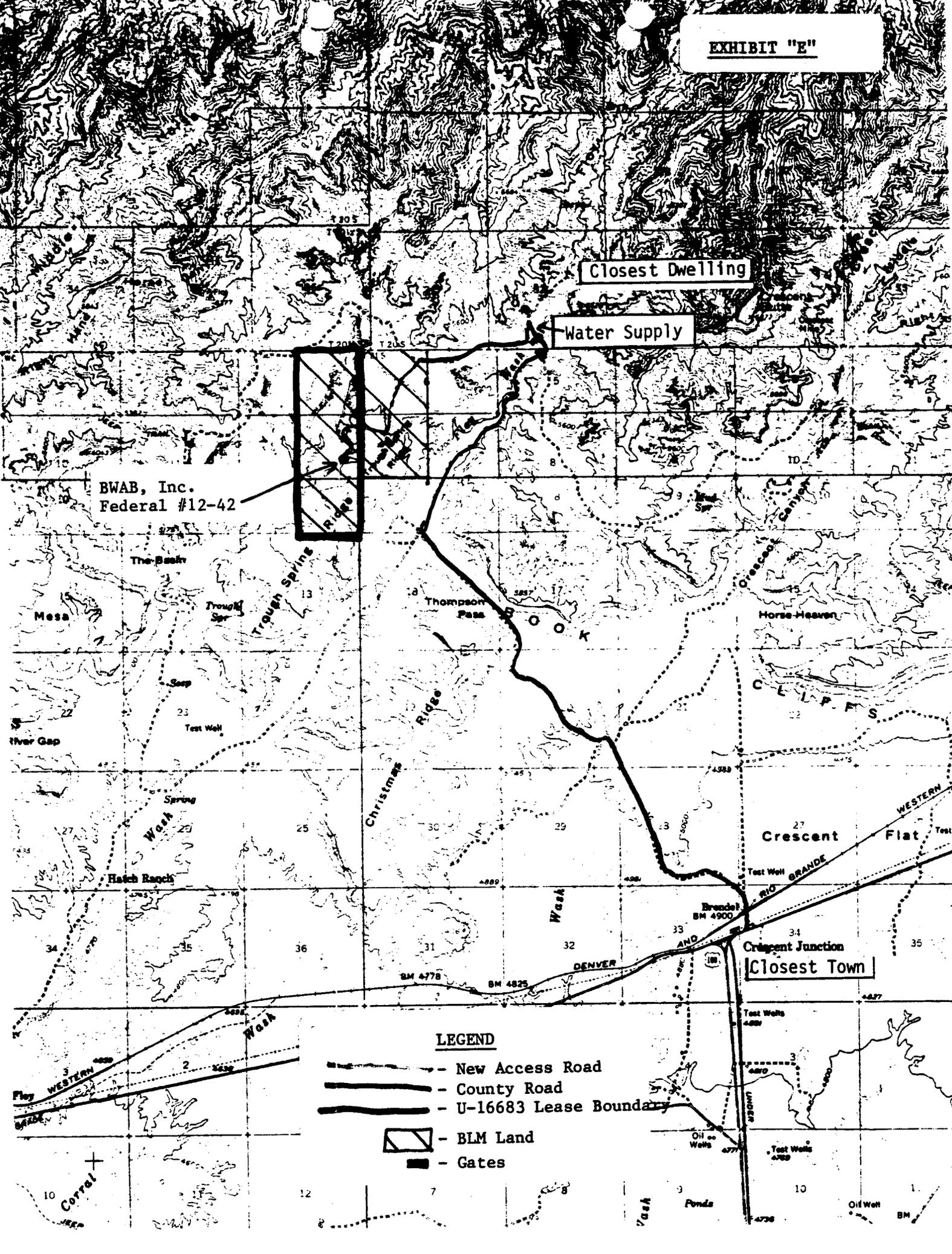
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by BWAB,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

ENERGY CONSULTING SERVICES, INC.



Darryl Cooper
Manager, Environmental Services

EXHIBIT "E"



Closest Dwelling

Water Supply

BWAB, Inc.
Federal #12-42

Closest Town

LEGEND

-  - New Access Road
-  - County Road
-  - U-16683 Lease Boundary
-  - BLM Land
-  - Gates

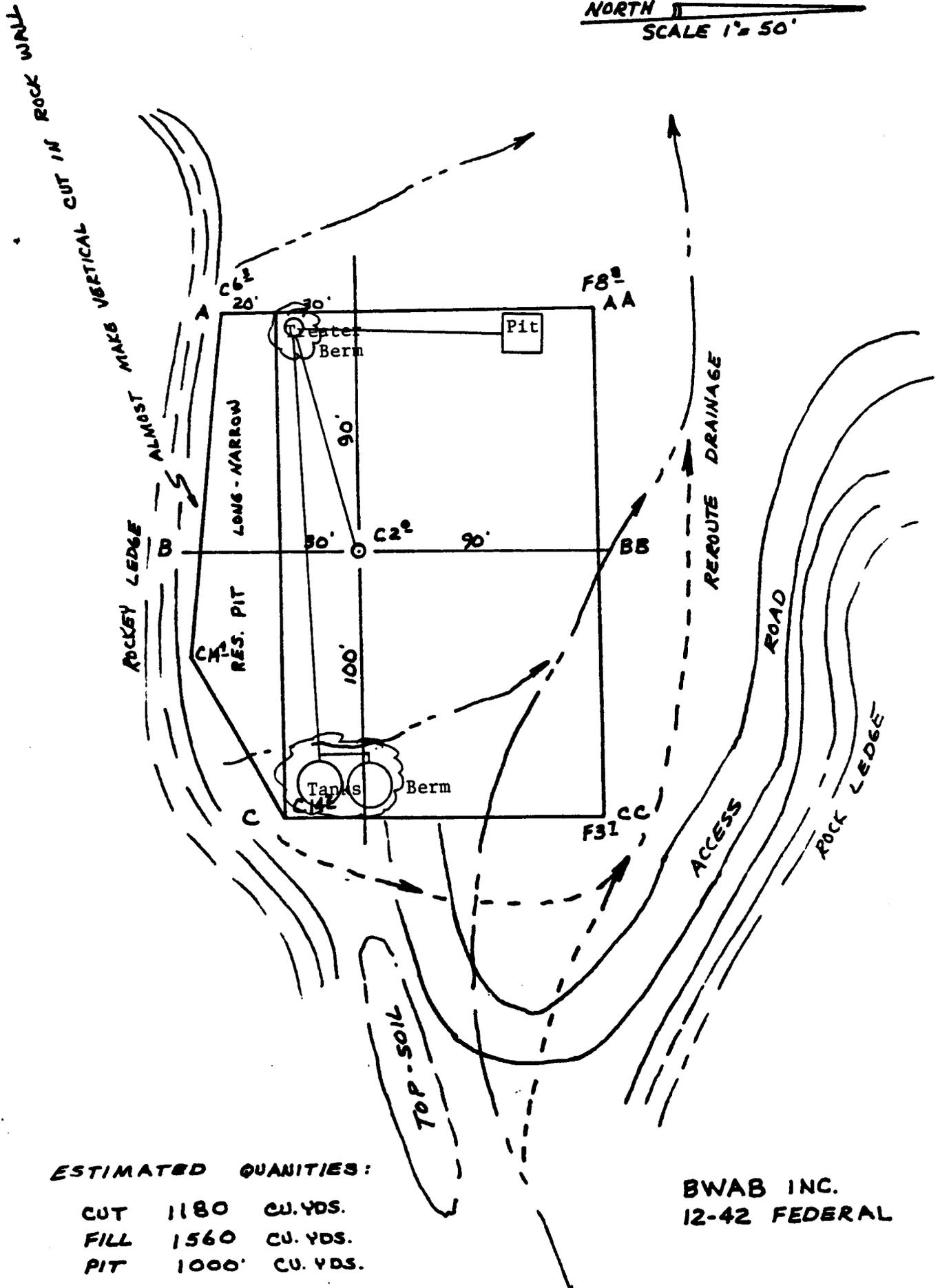
Corral

Ponds

Oil Well

EXHIBIT "F"
Drill Pad Layout

NORTH 
SCALE 1" = 50'



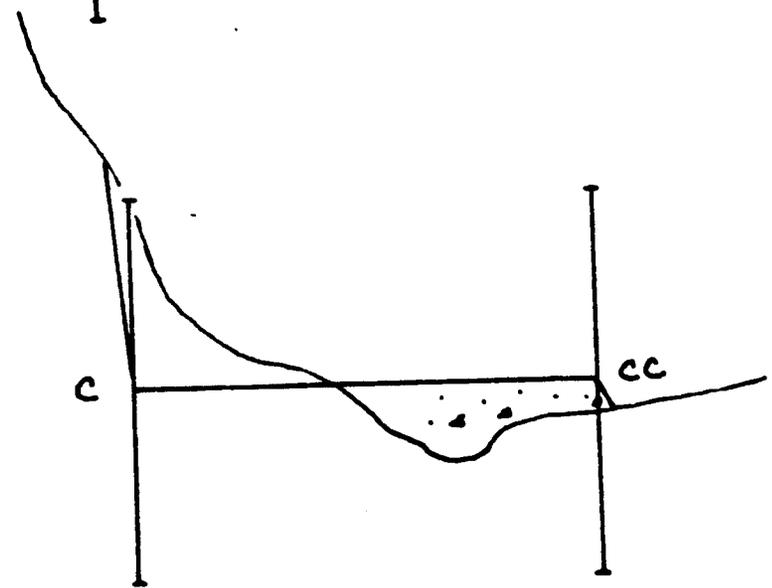
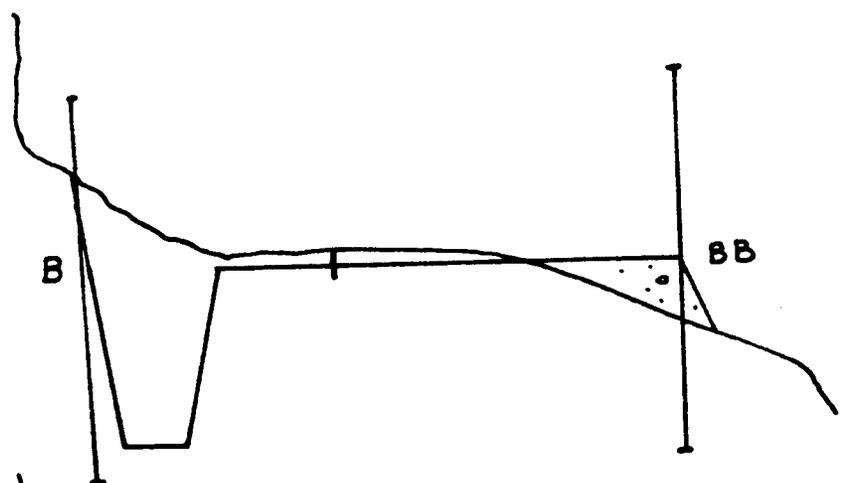
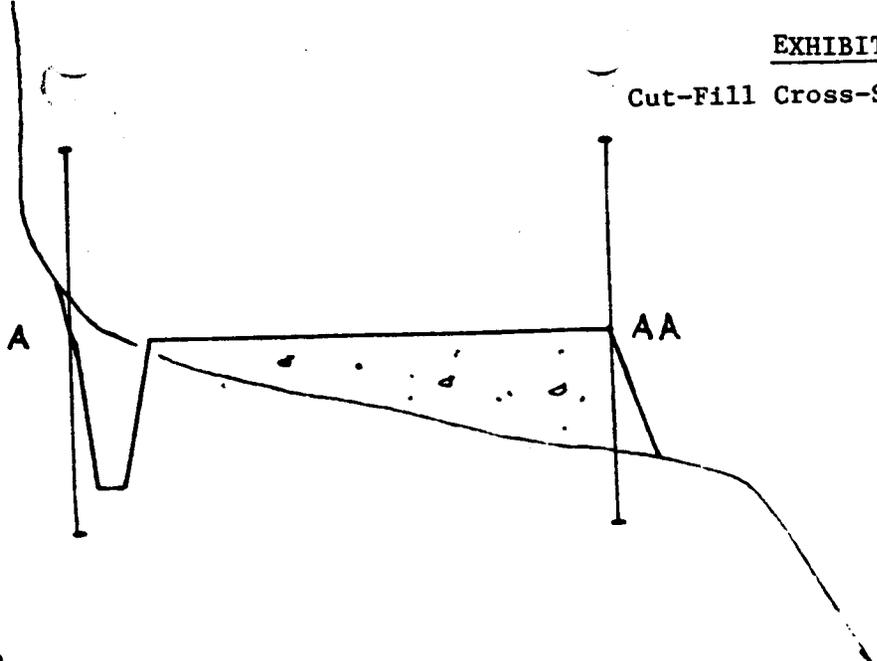
ESTIMATED QUANTITIES:

CUT	1180	CU. YDS.
FILL	1560	CU. YDS.
PIT	1000'	CU. YDS.

BWAB INC.
12-42 FEDERAL

EXHIBIT "F"

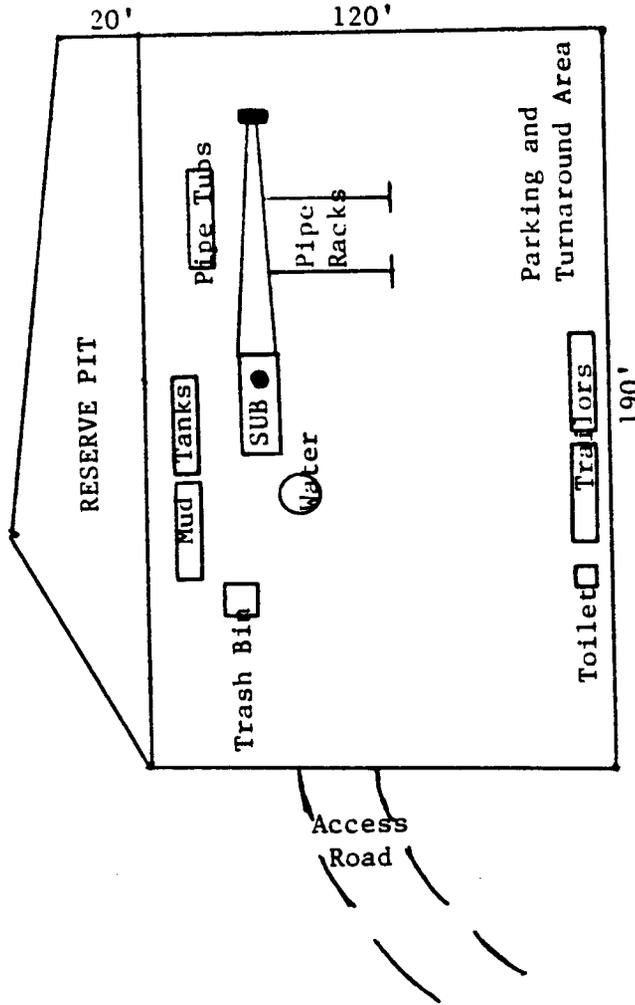
Cut-Fill Cross-Sections



SCALE: 1" = 50' HORIZ.
1" = 10' VERT.

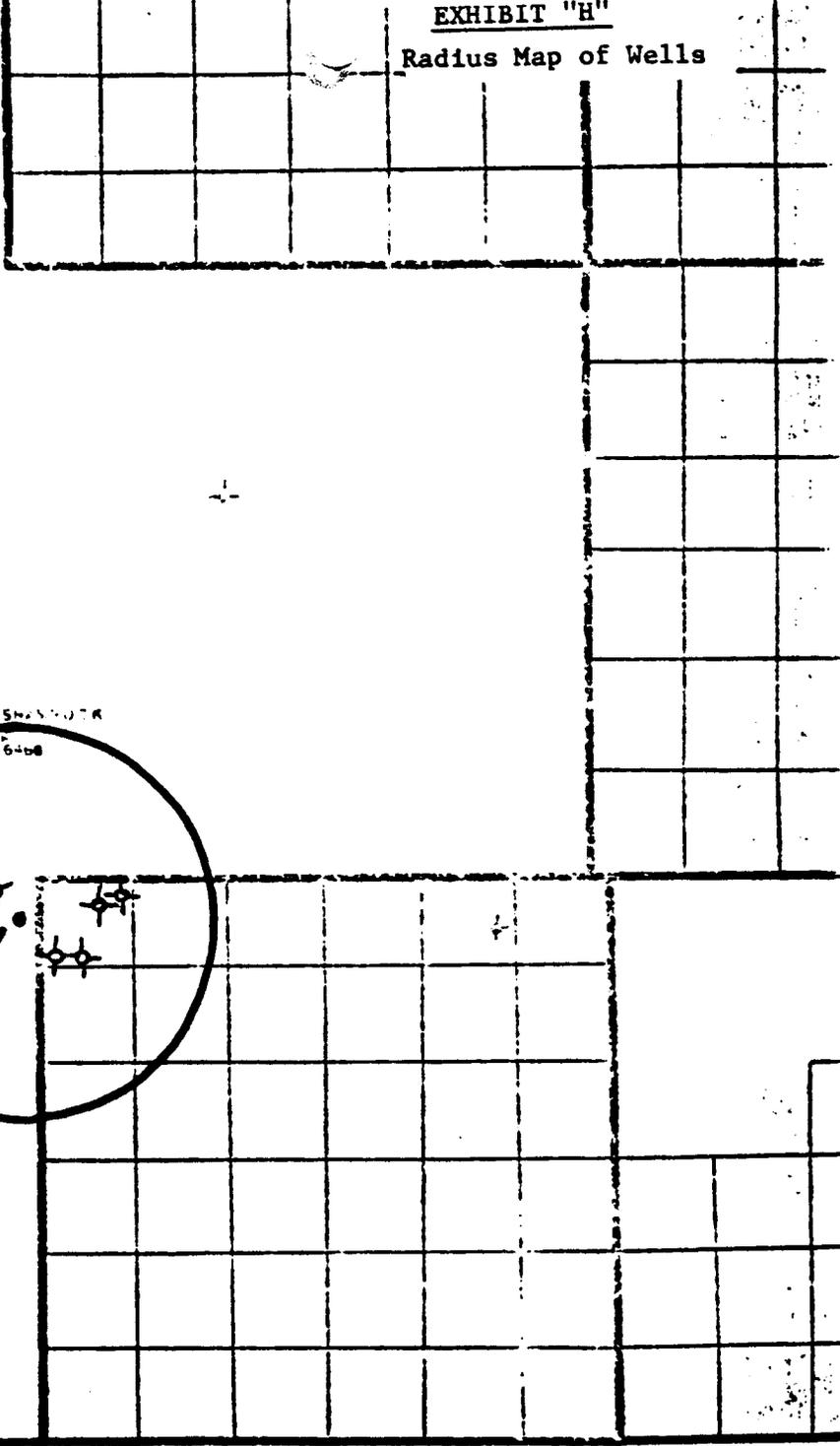
BWAB INC.
12-42 FEDERAL

North



Scale 1" = 50'

EXHIBIT "H"
Radius Map of Wells



BWAB, Inc.
#12-42 Federal

R18E

R19E

SEED MIXTURE

Species

Grasses

lbs/acre

Elymus salinus	Salina wildrye	2
Oryzopsis hymenoides	Indian ricegrass	1

Forbs

Melilotus officinalis	Yellow sweetclover	.5
Sphaeralcea coccinea	Scarlet globemallow	.5

Shrubs

Atriplex canescens	Fourwing saltbush (White greasewood)	1
--------------------	---	---

Erotia lanata	Winterfat (Whitesage)	$\frac{1}{6}$ lbs/acre
---------------	-----------------------	------------------------

Broadcast seed will be applied at double the above rate.
Seeding will be done in the fall of the year (Oct. - Dec.)

SUGGESTED COLORS TO PAINT OIL & GAS

PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
Sage Gray	(Pratt & Lambert)

Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT



SUGGESTED COLORS TO PAINT OIL & GAS³⁵ PRODUCTION FACILITIES²¹

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
Desert Tan	-----
Sage Gray	(Pratt & Lambert)

Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

OPERATOR BWAB INC. DATE 5-17-83

WELL NAME FED 12-42

SEC SENE 12 T 215 R 18E COUNTY GRAND

43-019-31063
API NUMBER

FED
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

MAP

HL

NID

PI

PROCESSING COMMENTS:

NO OIL WELLS WITHIN 1000'

✓ CHIEF PETROLEUM ENGINEER REVIEW:

RJP/OK

APPROVAL LETTER:

SPACING:

A-3

UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FED*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER NO

UNIT NO *03/20/2013 CONVICTION WAS TERMINATED*

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

May 16, 1983

BWAB, Inc.
7935 E. Prentice, DTC 40W
Englewood, Colorado 80111

RE: Well No. Federal 12-42
SENE Sec. 12, T.21S, R.18E
2014 FNL, 818 FEL
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), 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:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

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

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 43-019-31063.

Sincerely,



Norman C. Stout
Administrative Assistant

NCS/as
cc: Oil & Gas Operations
Enclosure

NOTICE OF SPUD

Company: B.W.A.B. Inc.

Caller: Carrie Sullivan

Phone: _____

Well Number: 12-42

Location: SENE 12-21S-18E

County: Grand State: Utah

Lease Number: U-116683

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 6-2-83 2:45 P.M.

Dry Hole Spudder Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 12 1/4" hole

Rotary Rig Name & Number: _____

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: KR

Date: 6-2-83

27



BWAB INCORPORATED

June 23, 1983

State of Utah
Department of Natural Resources
4241 State Office Building
Salt Lake City, Utah 84114

Re: Federal 12-42
Sec.12-T21S-R18E
Grand County, Utah

Gentlemen:

Enclosed herewith please find two (2) copies of our Well Completion Report, three (3) copies of our Report of Water Encountered During Drilling, and three (3) copies of our Subsequent Report of Abandonment for the above referenced well. If this meets with your approval, please execute and return one (1) copy to me for our files.

If any other information is needed, please contact the undersigned.

Yours very truly,

BWAB Incorporated

Carrie M. Sullivan
Senior Production Assistant

CMS/jep

Enclosures (8)

RECEIVED
JUN 27 1983

DIVISION OF
OIL, GAS & MINING

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

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

2. NAME OF OPERATOR
BWAB Incorporated

3. ADDRESS OF OPERATOR
1000 City Center 4/1801 California St./Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SE NE 2014' FNL & 818' FEL

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.

U-16683

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

12-42

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 12-T21S-R18E

14. PERMIT NO. 43-019-31063
DATE ISSUED 5-17-83

12. COUNTY OR PARISH Grand
13. STATE UT

15. DATE SPUDDED 06-02-83
16. DATE T.D. REACHED 06-14-83
17. DATE COMPL. (Ready to prod.) P&A 06-15-83
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5547 GL
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5400'
21. PLUG, BACK T.D., MD & TVD
22. IF MULTIPLE COMPL., HOW MANY* N/A
23. INTERVALS DRILLED BY
ROTARY TOOLS 0-5400'
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
None
25. WAS DIRECTIONAL SURVEY MADE
NO

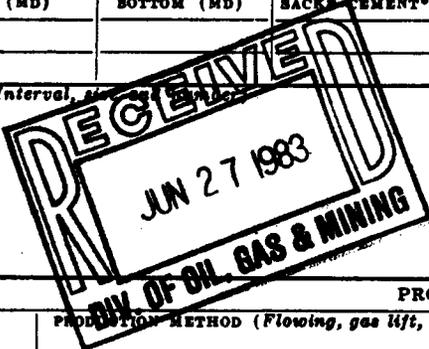
26. TYPE ELECTRIC AND OTHER LOGS RUN
FDC/CNL/GR & OIL/SED Sample
27. WAS WELL CORED
NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	525KB	12 1/4"	110 sx lite w/100 sx Class "H"	NONE

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, MD)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5337 - 5100'	75 sxs Class "H"	3600 - 3400'	50 sxs Class "H"
600 - 400'	50 sxs Class "H"	Set @ Surf	25 sxs Class "H"



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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

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

35. LIST OF ATTACHMENTS
Previously sent copies of logs & DST

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

SIGNED Robert C. Arceneaux Vice President Production DATE 6-23-83

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

INSTRUCTIONS

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

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

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

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

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			
38. GEOLOGIC MARKERS			
	NEAR. DEPTH	TOP	THRU VERT. DEPTH
	Surf 2817 3608 3776 3940 4652 4700 4838 5192 5320	Mancos Sh Stray Sd Dakota Silt Dakota Sd. Morrison Moab Tongue Somerville Entrada Carmel Navajo	Surf 2817 3608 3776 3940 4652 4700 4838 5192 5320

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

5. LEASE DESIGNATION AND SERIAL NO.

U-16683

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

12-42

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 12-T21S-R18E

12. COUNTY OR PARISH 13. STATE

Grand

UT

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
BWAB Incorporated

3. ADDRESS OF OPERATOR
1000 City Center 4/1801 California St. Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
SE NE 2014' FNL & 818' FEL

14. PERMIT NO.
43-019-31063

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5547 GL

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

Plugged & Abandoned well as follows:

8.5 #/gal mud left in hole

Plug #1 5337' - 5100'

Plug #2 3600' - 3400'

Plug #3 600' - 400'

Plug #4 25 sxs @ surf

Set dry hole marker

RECEIVED
JUN 27 1983

DIVISION OF
OIL, GAS & MINING

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

DATE: 6/23/83
BY: [Signature]

verbal approval 6/14/83

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

SIGNED Robert C. Arceneaux Vice President Production

DATE 6-23-83

(This space for Federal or State office use)

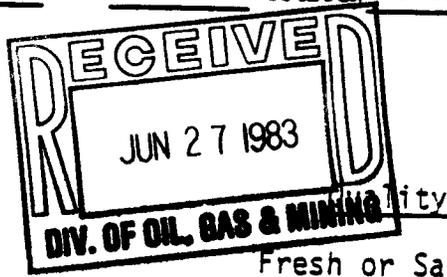
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number No. 12-42 Federal
 Operator BWAB Incorporated Address 1000 City Center 4
1801 California St., Denver, CO 80202
 Contractor VECO Drilling Co. Address Grand Junction, Colorado
 Location SE 1/4 NE 1/4 Sec. 12 T. 21S R. 18E County Grand

Water Sands



	<u>Depth</u>		<u>Volume</u> Flow Rate or Head	Fresh or Salty
	From	To		
1.	2815	2835	Unknown No tests	Unknown
2.	3776	3796	Unknown No tests	Unknown
3.	3955	3985	Unknown No tests	Unknown
4.	4200	4400	Unknown No tests	Unknown
5.	4650	4690	Unknown No tests	Unknown
	4838	5190	Unknown No Tests	Unknown
	5320	5400+	(Continue of reverse side if necessary) See DST Report	Salty 70,000 ppm

Formation Tops Mancos Sh - Surf.; Stray Sd. 2817'; Dakota Silt 3608';
 Dakota Sd. 3776', Morrison 3940', Moab Tongue 4652', Somerville 4700',
 Entrada 4838', Carmel 5192', Navajo 5320'

Remarks

Well total depth 5400' in Navajo Formation.

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

ORAL APPROVAL TO PLUG AND ABANDON WELL

Operator BWAB, Inc. Representative _____

Well No. 12-42 Location SE ¼ NE ¼ Section 12 Township 21S Range 18E

County Grand Field Undesignated State Utah

Unit Name and Required Depth _____ Base of fresh water sands _____

T.D. _____ Size hole and Fill per sack _____ " _____ Mud Weight and Top _____ 8.5 #/gal. _____

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>8 5/8"</u>	_____	_____	_____	<u>1. 5337'</u>	<u>5100'</u>	<u>As necessary</u>
_____	_____	_____	_____	<u>2. 3600'</u>	<u>3400'</u>	<u>As necessary</u>
<u>Formation</u>	<u>Top</u>	<u>Base</u>	<u>Shows</u>	<u>3. 600'</u>	<u>400'</u>	<u>As necessary</u>
_____	_____	_____	_____	<u>4. At surface w/marker</u>	_____	<u>25 sacks</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

REMARKS

DST's, lost circulation zones, water zones, etc., _____

BLM plugging program. _____

Approved by R. J. Firth Date 6-14-83 Time _____ a.m.
p.m.

To Don J. Norms

Date _____ Time 10:35

WHILE YOU WERE OUT

M Carrie

of BWAB 295-7444

Phone (303) 740-7222

TELEPHONED	<input type="checkbox"/>	PLEASE CALL	<input checked="" type="checkbox"/>
CALLED TO SEE YOU	<input type="checkbox"/>	WILL CALL AGAIN	<input type="checkbox"/>
RETURNED YOUR CALL	<input type="checkbox"/>	URGENT	<input type="checkbox"/>
CALLING LONG DISTANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Message RE: permit to
drill

Told Carrie we did not
rec AD. She will send
mother one

4/15/76

BID
Operator

This will probably
not be drilled
as per Carrie at
BWA/B

Worm

7-1-83

8

35

4

N	X

RETURNED YOUR CALL

URGENT

CALLING LONG DISTANCE

Message

RE: permit to
drill

Told Carrie we did not
rec AD. She will send
another one

WRS-TP

BID
Operator



July 7, 1983

Bureau of Land Management
Oil & Gas Office
2000 Administration Bldg.
1745 W. 1700 South
Salt Lake City, UT

RE: Federal #7-12 ✓
SW NW Sec. 7-T21S-R19E
Grand Co., UT
U-15285

Gentlemen:

Let this serve notice that the above captioned well will not be drilled. The drilling of this well was contingent upon the success of our test well the Federal #12-42. The Federal #12-42 was dry and therefore the prospect has been abandoned. If you have any questions in this regard, please contact the undersigned.

Very truly yours,

BWAB Incorporated

Carrie M. Sullivan
Senior Production Assistant

:CMS

xc: State of Utah
Natural Resources & Energy



July 8, 1983

State of Utah
Natural Resources & Energy
Oil, Gas & Mining
4241 State Office Bldg.
Salt Lake City, UT 84114

ATTENTION: NORM STOUT

RE: Federal #7-12
SW NW Sec. 7-T21S-R19E
Grand Co., UT

Dear Sir:

Per your request, enclosed herewith is a copy of my letter to the Bureau of Land Management regarding the drilling of the above captioned well. If you need any more information please do not hesitate to call me at (303) 295-7444.

Very truly yours,

BWAB Incorporated

Carrie M. Sullivan

Carrie M. Sullivan
Senior Production Assistant

:CMS

Enclosure

RECEIVED
JUL 11 1983

**DIVISION OF
OIL GAS & MINING**

RSW
DFA

12-42
215
1X8
14

Branch of Fluid Minerals
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

July 13, 1983

BWAB Incorporated
7935 E. Prentice, DTC 40W.
Englewood, Colorado 80111

Re: Rescind Application for Permit to
Drill
Well No. 7-12
Section 7, T. 21 S., R. 19 E.
Grand County, Utah
Lease U-15285

Gentlemen:

The Application for Permit to Drill the referenced well was approved on
May 10, 1983. We are rescinding your application per your request.

This office requires a letter confirming that no surface disturbance has
been made for this drill site. Any surface disturbance associated with
the approved location of the well will be rehabilitated. A schedule for
this rehabilitation must then be submitted to this office. Your coopera-
tion in this matter is appreciated.

Sincerely,

(ORIG. SGD.) W. P. MARTENS

for
E. W. Guynn
Chief, Branch of Fluid Minerals

bcc: SMA
State O&G ✓
State BLM
APD Control
Well File

WPM/kr

RECEIVED
JUL 15 1983

DIVISION OF
OIL GAS & MINING

Phone
713-790-9132

LYNES, INC.

Box 12486
Houston, TX 77017

Contractor Veco
Rig No. 3
Spot SE-NE
Sec. 12
Twp. 21S
Rng. 18E
Field Wildcat
County Grand
State Utah
Elevation 5557 Ft. K.B.
Formation Navajo

Top Choke 1/4"
Bottom Choke 1"
Size Hole 7 7/8"
Size Rat Hole --
Size & Wt. D. P. 4 1/2" 16.60
Size Wt. Pipe --
I. D. of D. C. 2 1/4"
Length of D. C. 462 Ft.
Total Depth 5367 Ft.
Interval Tested 5325-5367 Ft.
Type of Test Bottom Hole
Conventional

Flow No. 1 5 Min.
Shut-in No. 1 60 Min.
Flow No. 2 88 Min.
Shut-in No. 2 124 Min.
Flow No. 3 -- Min.
Shut-in No. 3 -- Min.

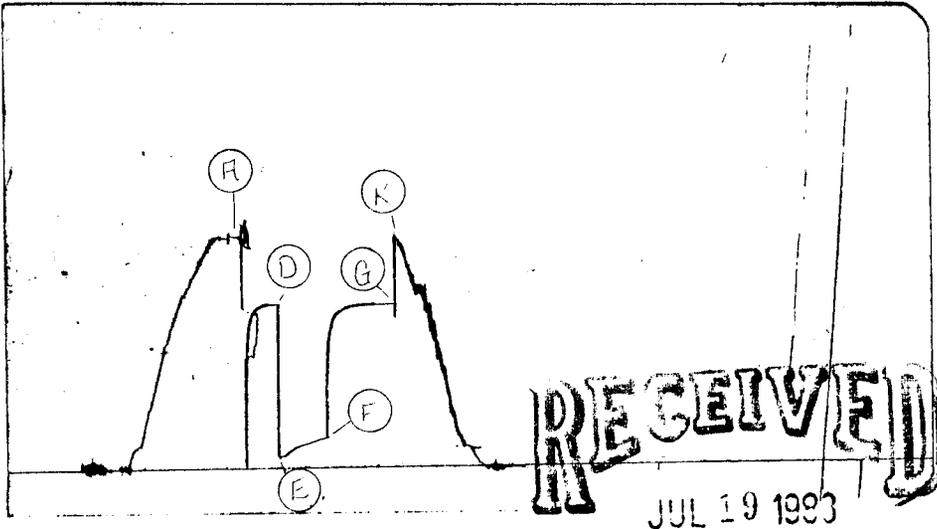
Bottom Hole Temp. --
Mud Weight 9.3
Gravity --
Viscosity 43

Tool opened @ 4:55 AM

Inside Recorder

PRD Make Kuster K-3
No. 18731 Cap. 5125 @ 5308'

	Press	Corrected
Initial Hydrostatic	A	2589
Final Hydrostatic	K	2583
Initial Flow	B	Unable
Final Initial Flow	C	to read
Initial Shut-in	D	1843
Second Initial Flow	E	131
Second Final Flow	F	338
Second Shut-in	G	1844
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--



RECEIVED
JUL 19 1993

DIVISION OF
OIL, GAS & MINING

Lynes Dist. Rock Springs, WY.
Our Tester: Charles Tuzicka
Witnessed By Frank Turner

Did Well Flow - Gas No Oil No Water No

RECOVERY IN PIPE:
777 Ft. Total fluid = 6.73 bbls.
182 Ft. Water cut mud = 2.58 bbls.
595 Ft. Water = 4.15 bbls.

Blow Description

1st Flow: Tool opened with a weak blow, increased to 1/4" underwater blow in 3 minutes, increased to 1" in 5 minutes.

2nd Flow: Tool opened with a weak blow, increased to a 1/4" underwater blow in 6 minutes, increased to 3 1/2" in 20 minutes, increased to 5" in 88 minutes.

Comments: The test results indicate a mechanically successful test with no problems encountered. The preflow pressures on the two mechanical recorders were unable to be read due to the short time period.

Operator **BWAB**
Address **1000 City Center # 4, 1801 California St. Denver, Colorado 80202**
Well Name and No. **Federal 1 # 12-42**
Ticket No. **04114**
Date **6/14/83**
DST No. **1**
No. Final Copies **5**

WAB
 T# 1
 FEDERAL # 12-42
 5325-5367

Location: SE-NE-12-21S-18E
 Test Type: BOTTOM HOLE CONVENTIONAL
 Formation: NAVAJO

Recorder Number: 312
 Recorder Depth: 5367 ft.

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P PSI	PRESSURE (T+dt)/dt PSI	PRESSURE SQUARED PSI ² /10 ⁶
A	INITIAL HYDROSTATIC	0.0		2606.0	
B	START OF 1st FLOW	0.0		59.0	
C	END OF 1st FLOW	5.0		88.0	
	1st SHUTIN PERIOD	0.0	0.0	88.0	0.0000
		6.0	1565.0	1653.0	1.8333
		12.0	1710.0	1798.0	1.4167
		18.0	1758.0	1846.0	1.2778
		24.0	1781.0	1869.0	1.2083
		30.0	1793.0	1881.0	1.1667
		36.0	1800.0	1888.0	1.1389
		42.0	1805.0	1893.0	1.1190
		48.0	1808.0	1896.0	1.1042*
		54.0	1810.0	1898.0	1.0926*
D	END OF 1st SHUTIN	60.0	1811.0	1899.0	1.0833*
E	START OF 2nd FLOW	0.0		117.0	
F	END OF 2nd FLOW	88.0		374.0	
	2nd SHUTIN PERIOD	0.0	0.0	374.0	1.0833
		6.0	1056.0	1430.0	16.5000
		12.0	1307.0	1681.0	8.7500
		18.0	1392.0	1766.0	6.1667
		24.0	1437.0	1811.0	4.8750
		30.0	1462.0	1836.0	4.1000
		36.0	1477.0	1851.0	3.5833
		42.0	1487.0	1861.0	3.2143
		48.0	1496.0	1870.0	2.9375
		54.0	1501.0	1875.0	2.7222
		60.0	1505.0	1879.0	2.5500
		66.0	1508.0	1882.0	2.4091*
		72.0	1510.0	1884.0	2.2917*
		78.0	1512.0	1886.0	2.1923*
		84.0	1514.0	1888.0	2.1071*
		90.0	1515.0	1889.0	2.0333*
		96.0	1516.0	1890.0	1.9688*
		102.0	1517.0	1891.0	1.9118*
		108.0	1518.0	1892.0	1.8611*
		114.0	1519.0	1893.0	1.8158*
		120.0	1519.0	1893.0	1.7750*
G	END OF 2nd SHUTIN	124.0	1520.0	1894.0	1.7500*

LAB
 DST#: 1
 FEDERAL # 12-42
 5325-5367

Location: SE-NE-12-21S-18E
 Test Type: BOTTOM HOLE CONVENTIONAL
 Formation: NAVAJO

Recorder Number: 312
 Recorder Depth: 5367 ft.

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P PSI	PRESSURE (T+dt)/dt PSI	ABSCISSA	PRESSURE SQUARED PSI ² /10 ⁶
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K FINAL HYDROSTATIC		0.0		2583.0		
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* VALUES USED FOR EXTRAPOLATIONS

LAB
DST#: 1
FEDERAL # 12-42
5325-5367

Location: SE-NE-12-21S-18E
Test Type: BOTTOM HOLE CONVENTIONAL
Formation: NAVAJO

Recorder Number: 312
Recorder Depth: 5367 ft.

1st SHUT-IN:

HORNER EXTRAPOLATION 1912.04 PSI
HORNER SLOPE 370.77 PSI/cycle

2nd SHUT-IN

HORNER EXTRAPOLATION 1914.96 PSI
HORNER SLOPE 85.33 PSI/cycle

OPERATOR: BWAB

WELL NAME: FEDERAL # 12-42

LOCATION: SE-NE-12-21S-18E

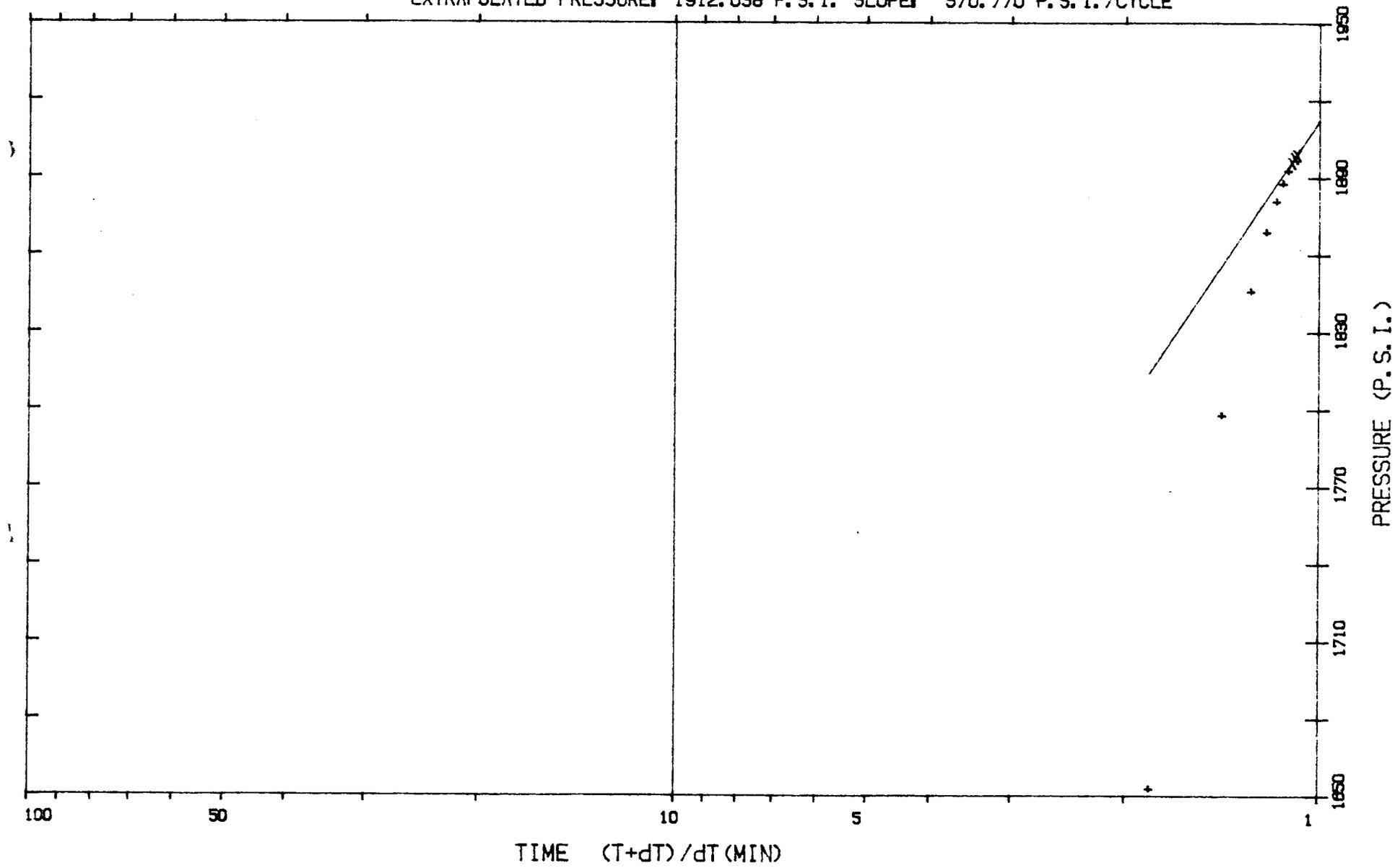
FIRST SHUT-IN

RECORDER: 312

DST #: 1

DEPTH: 5367

EXTRAPOLATED PRESSURE: 1912.038 P. S. I. SLOPE: 370.770 P. S. I. /CYCLE

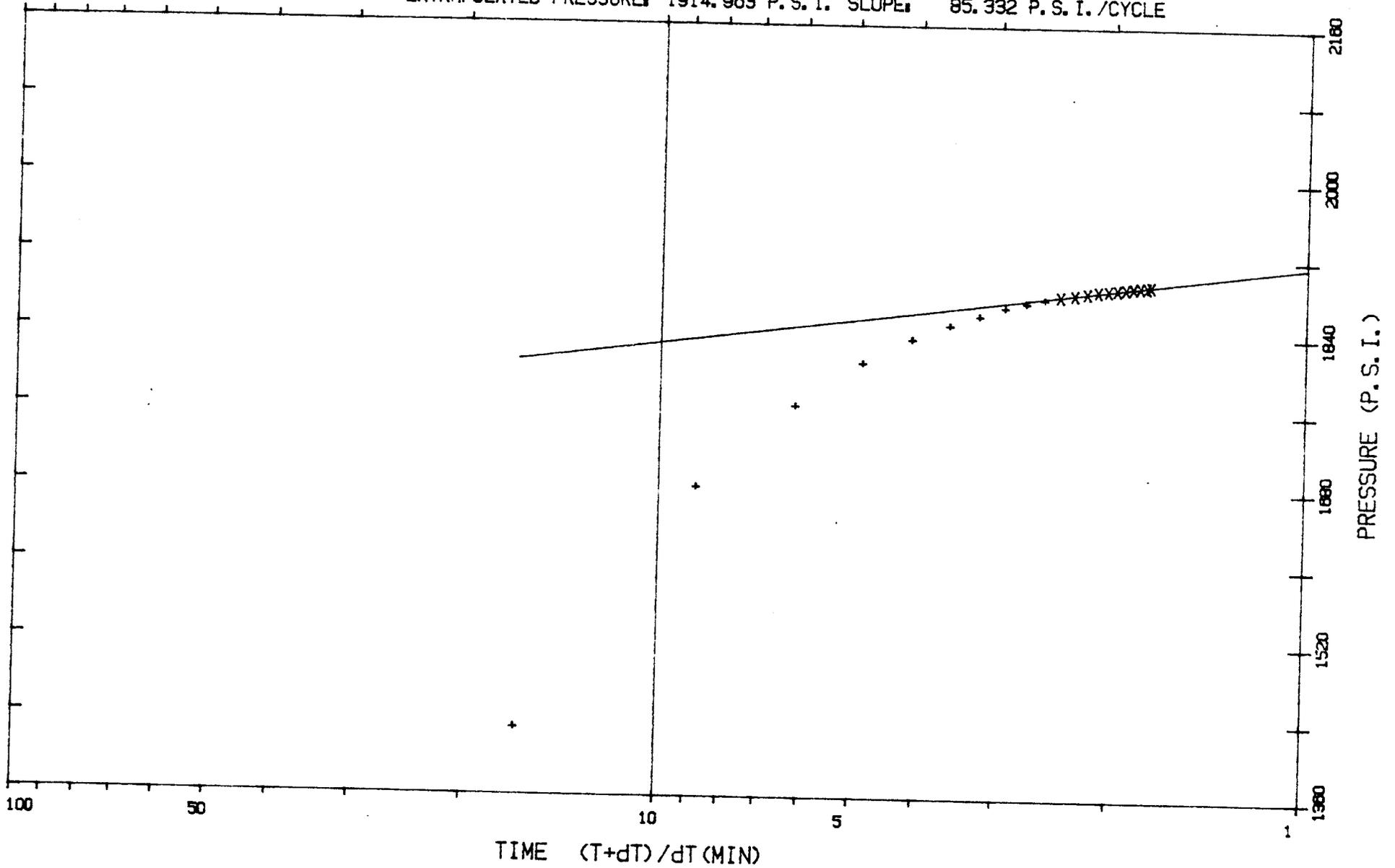


OPERATOR: BWAB
WELL NAME: FEDERAL # 12-42
LOCATION: SE-NE-12-21S-18E
SECOND SHUT-IN
RECORDER: 312

DST #: 1

DEPTH: 5367

EXTRAPOLATED PRESSURE: 1914.969 P. S. I. SLOPE: 85.332 P. S. I. /CYCLE



LYNES, INC.

Sampler Report

Company BWAB Date 6 /14/83
Well Name & No. Federal # 12-42 Ticket No. 04114
County Grand State Utah
Test Interval 5325-5367 Ft. DST No. 1

Total Volume of Sampler: 2150 cc.
Total Volume of Sample: 2150 cc.
Pressure in Sampler: 25 psig
Oil: None cc.
Water: 2150 cc.
Mud: None cc.
Gas: None cu. ft.
Other: --

Sample R.W.: .1 @ 70°F = 78,000 ppm. Na. Cl.

Resistivity

Make Up Water 10.0 @ 55°F Salinity Content 660 ppm.
Mud Pit Sample .4 @ 60°F Salinity Content 18,550 ppm.
Gas/Oil Ratio -- Gravity -- °API @ -- °F

Where was sample drained On location.

Remarks: Recovery:

Top Sample R.W.: .2 @ 65°F = 38,000 ppm. Na. Cl.

Middle Sample R.W.: .1 @ 70°F = 78,000 ppm. Na. Cl.

Bottom Sample R.W.: .1 @ 70°F = 78,000 ppm. Na. Cl.

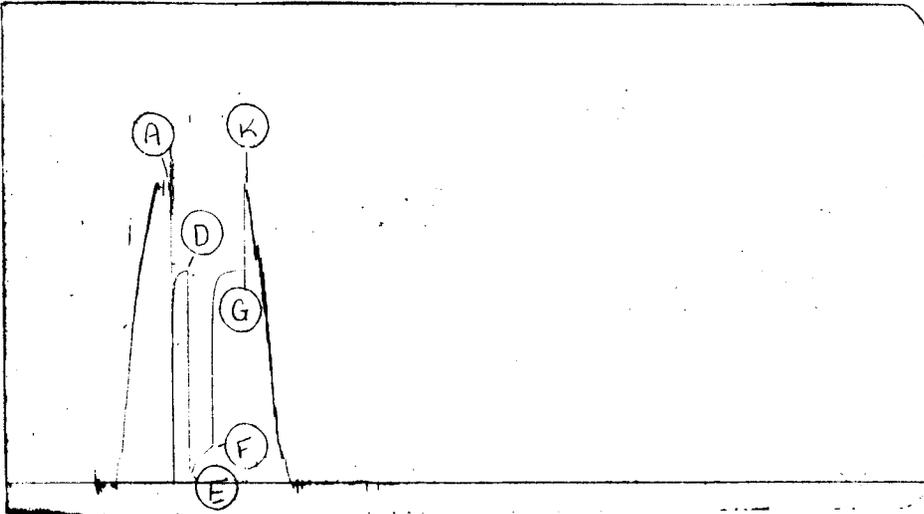
WAB
DST#: 1
FEDERAL # 12-42
5325-5367

PRESSURE RECORDER NUMBER : 7653

DEPTH : 5360.00ft. LOCATION : OUTSIDE
TYPE : K-3 CAPACITY : 4000.00 PSI

PRESSURE
PSI

A)Initial Hydro : 2608.0
D)END 1st Shutin: 1863.0
E)2nd Flow Start: 110.0
F)2nd Flow End : 340.0
G)END 2nd Shutin: 1872.0
K)Final Hydro. : 2592.0



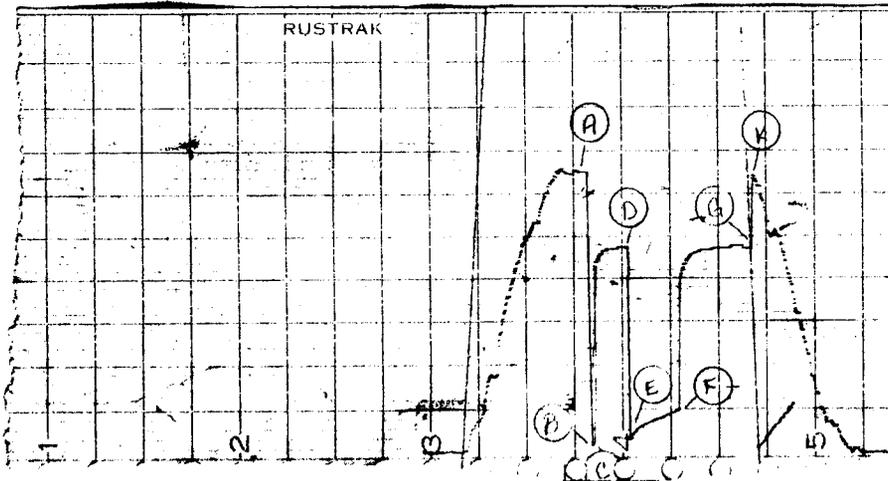
TEST TIMES(MIN)
1st FLOW : 5
SHUTIN: 60
2nd FLOW : 88
SHUTIN:124

PRESSURE RECORDER NUMBER : 312

DEPTH : 5367.00ft. LOCATION : OUTSIDE
TYPE : DMR-312 CAPACITY : 5000.00 PSI

PRESSURE
PSI

A)Initial Hydro : 2606.0
B)1st Flow Start: 59.0
C)1st Flow End : 88.0
D)END 1st Shutin: 1894.0
E)2nd Flow Start: 117.0
F)2nd Flow End : 374.0
G)END 2nd Shutin: 1894.0
K)Final Hydro. : 2583.0



Maximum Temperature: 137.8°F