

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 &/or GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Frank B. Adams

3. ADDRESS OF OPERATOR
 716 Wilson Bldg., Corpus Christi, TX 78476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 500' fsl & 500' fel Sec. 33- 19s - 24e SLB&M
 At proposed prod. zone Same as above **SESE**

5. LEASE DESIGNATION AND SERIAL NO.
 U-31469

6. INDIAN ALLOTTEE OR TRIBE NAME

7. AGREEMENT NAME

8. NAME OR LEASE NAME
 Federal

9. WELL NO.
 No. 33-f Federal

10. FIELD AND POOL, OR WILDCAT
 Greater Cisco Area

11. SEC., T., R., M. OR BLM. SURVEY OR AREA
 33 T19S R24E SLB&M

12. COUNTY OR PARISH AND STATE
 Grand Utah

13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 10.1 miles nne of Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 500'

16. NO. OF ACRES IN LEASE
 2,544.88

17. NO. OF ACRES ASSIGNED TO THIS WELL
 10 ac oil & 40 ac gas

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

19. PROPOSED DEPTH
 2,400' Entrada

20. ROTARY OR CABLE TOOLS
 Rotary-air

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4,590' Gr. 4,599' KB

22. APPROX. DATE WORK WILL START*
 Dec. 15, 1981

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8ths"	26#	120'	25 sk to surface
6 1/4"	4 1/2"	10 1/4#	2,400'	120 sk + 2% KCl

Attached

1. Survey
2. Ten point plan
3. Surface use plan
4. Designation of operator

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

DATE: 10/21/81
BY: CB [Signature]

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 Frank B. Adams TITLE Operator DATE Sept. 11, 1981

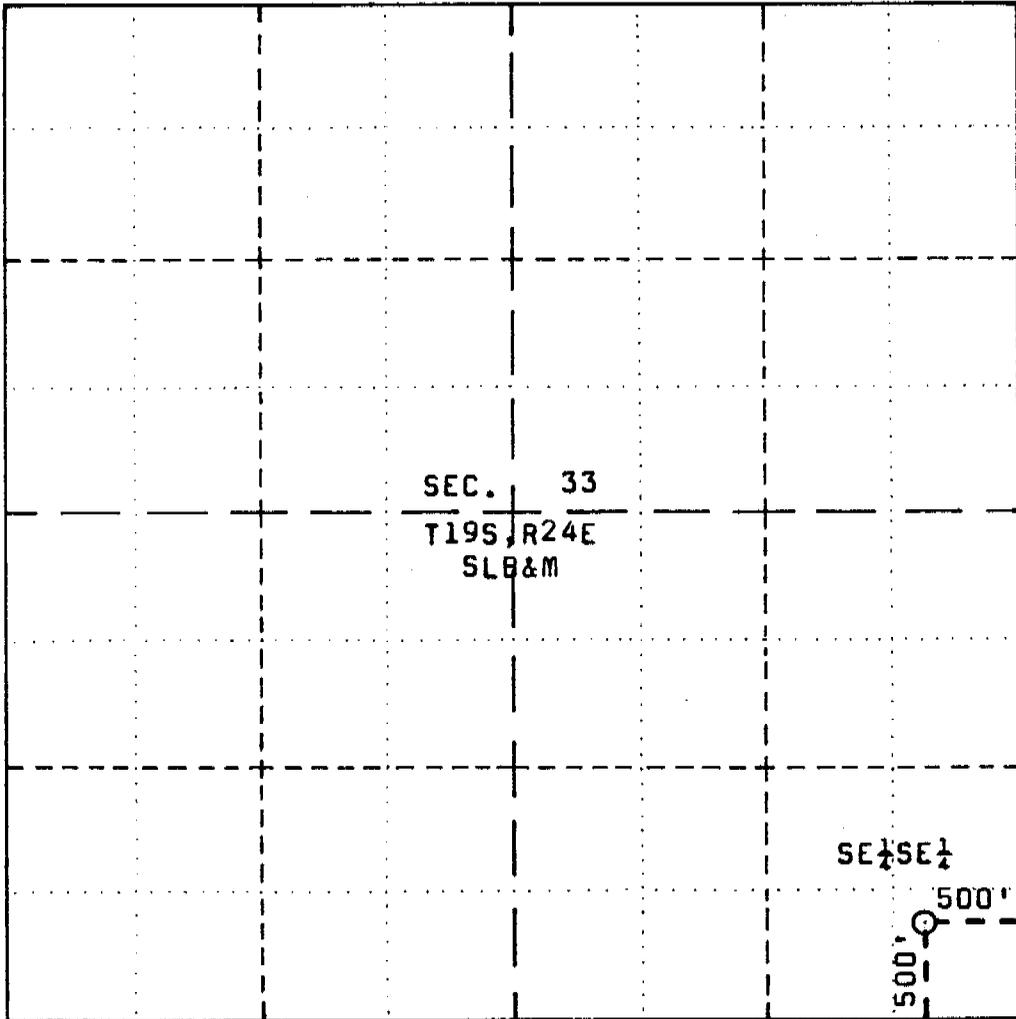
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE



SEC. 33
T19S, R24E
SLB&M

SE 1/4 SE 1/4
500'
500'

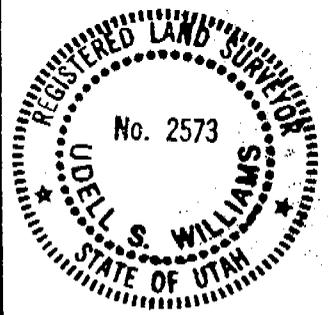
SCALE: 1" = 1000'

FRANK P. ADAMS #33-1 FED.

Located North 500 feet from the South boundary and West 500 feet from the East boundary of Section 33, T19S, R24E, SLB&M.

Elev. 4590

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Udell S. Williams
UTAH R.L.S. NO. 2573



UELLE S. WILLIAMS
751 Road Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

FRANK P. ADAMS #33-1 FED.
SE 1/4 SE 1/4 SECTION 33
T19S, R24E, SLB&M

SURVEYED BY: USW DATE: 8/7/81
DRAWN BY: USW DATE: 8/8/81

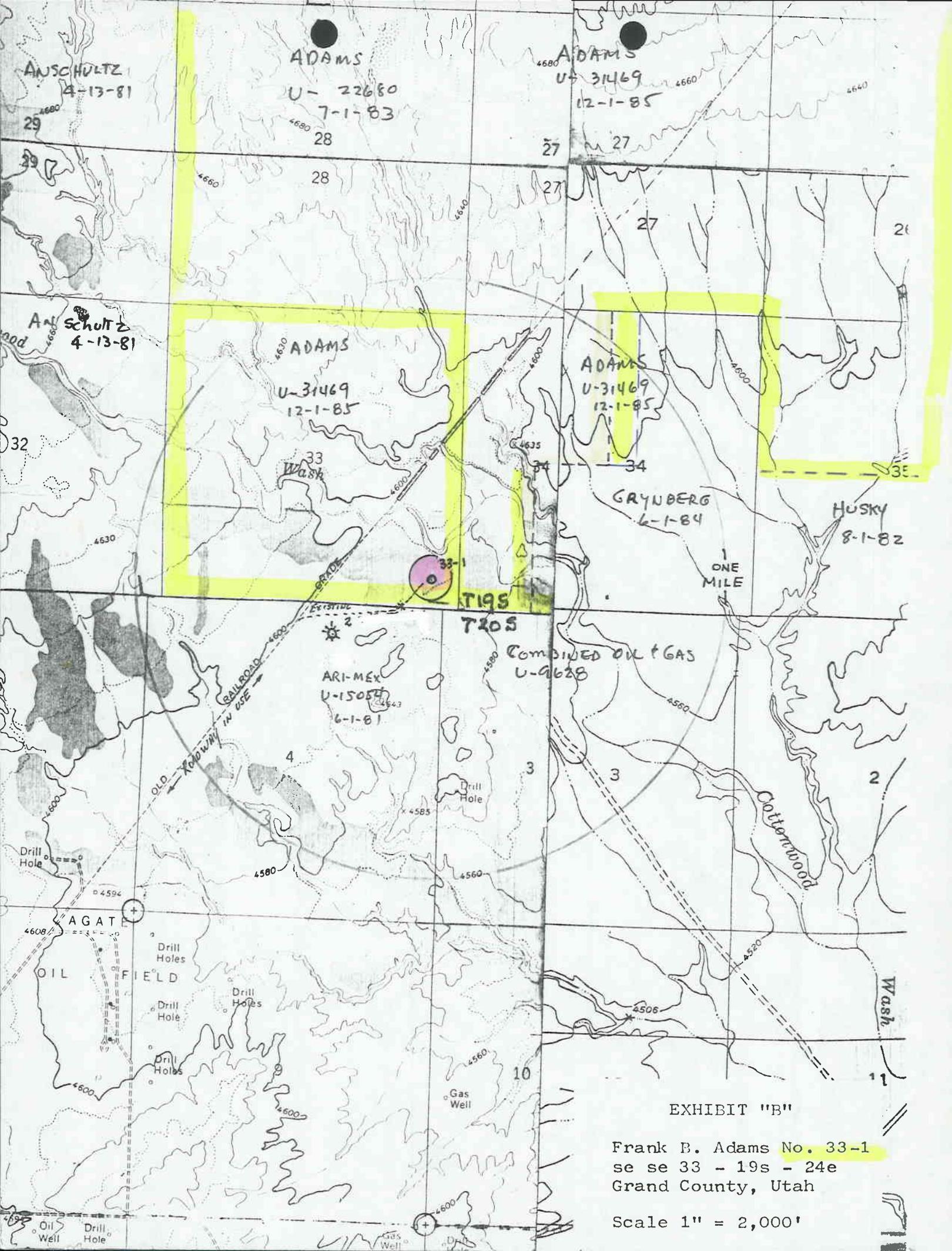


EXHIBIT "B"

Frank B. Adams No. 33-1
 se se 33 - 19s - 24e
 Grand County, Utah

Scale 1" = 2,000'

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 At proposed prod. zone Same as above

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 U-31469

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 No. 33-1 Federal

10. FIELD AND POOL, OR WILDCAT
 Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 33-T19S R24E SLB&M

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 Grand

13. STATE
 Utah

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Attached

1. Survey
2. Ten point plan
3. Surface use plan
4. Designation of operator

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24. SIGNED Frank E. Adams TITLE Operator DATE Sept. 1, 1981

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY E. W. Gump TITLE District Oil & Gas Supervisor DATE NOV 12 1981

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

*See Instructions On Reverse Side

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

8 tent 04 82

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Frank B. Adams
Project Type Oil and Gas Well - Wildcat
Project Location 500' FSL & 500' FEL - Sec. 33, T. 19S, R. 24E
Well No. 33-1 Lease No. U-31469
Date Project Submitted September 14, 1981

FIELD INSPECTION

Date October 8, 1981

Field Inspection
Participants

- Craig Hansen - USGS, Vernal
- Frank Adams - Operator
- Elmer Duncan - BLM, Moab
- Kevin Cleary - BLM, Moab
- Craig Ivy - Northwest Pipeline

Related Environmental Documents: _____

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

10-16-81
Date Prepared

Craig Hansen
Environmental Scientist

I concur
NOV 05 1981
Date

E. W. Gynn
FOR E. W. GYNN
DISTRICT OIL & GAS SUPERVISOR
District Supervisor

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

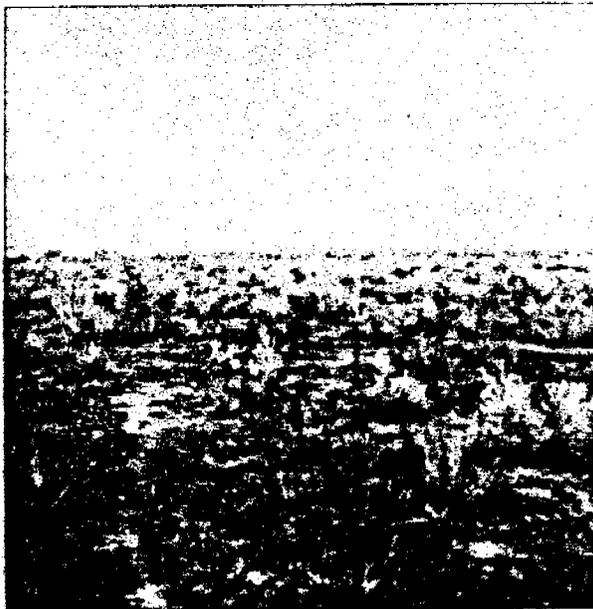
1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

RECOMMENDED STIPULATIONS FOR FRANK B. ADAMS WELL #33-1:

1. Production facilities will be painted a tan color to blend in with the natural surroundings.
2. No topsoil will be disturbed. Brush will be piled on the west edge of the location.
3. The operator will adhere to BLM surface stipulations.
4. Double closing BOP's will be used during drilling operations.

COMMENTS:

The location is in a flat sagebrush area. Existing roads will be used. Except for 707' of new access road, the road will be 20' in total width.



*Frank Adams
33-1 EAST*



United States Department of the Interior

IN REPLY REFER TO

3109
U-31469
(U-068)

BUREAU OF LAND MANAGEMENT

Moab District
Grand Resource Area
P. O. Box M
Moab, Utah - 84532

Memorandum

OCT 30 1981

To: Oil & Gas Office
USGS Conservation Division
P.O. Box 1037
Vernal, Utah 84078

From: Area Manager, Grand

Subject: Frank B. Adams (APD)
Fed. #33-1 Lease: U-31469
SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 33, T. 19 S., R. 24 E., SLB&M
Grand County, Utah

On October 8, 1981 a representative from this office met with Cody Hansen, USGS, and Frank B. Adams, agent of Frank B. Adams for an inspection of the above referenced location. Subject to the attached conditions and written approval from USGS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Frank B. Adams.

Enclosures: (3)
1-Reclamation Procedures
2-Seed Mixture
3-Suggested Colors - Production Facilities

ADDITIONS TO THE MULTIPPOINT
SURFACE USE PLAN
AND
RECLAMATION PROCEDURES

CONSTRUCTION:

1. The operator or his contractor will contact the Grand Resource Area Office in Moab, Utah (phone (801) 259-6111) 48 hours prior to beginning any work on public land.
2. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
3. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
4. 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 archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.

New road construction on lease will be limited to an allowable travel surface width of 12 feet with 16 feet total disturbed width. For construction design and survey refer to Class III road standards attachment.

Topsoil and vegetation will be saved along the route and windrowed along the north side of the road.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Surfacing material will not be placed on the access road or location without prior BLM approval.

5. Location: Disturbed or leveled area will be 60 feet wide x 60 feet long for the rig and steel mud tanks. The rest of the area, 200 feet x 200 feet will be left undisturbed, but can be driven over with vehicles.

6. The top six inches of soil material and vegetation will be removed from the location and stockpiled on the north side of the location.
7. The reserve pit will not be lined with commercial bentonite or plastic sufficient to prevent seepage. Keyway. The reserve pit banks will be 1.5 to 2.0 feet above pad and constructed in 8 inch lifts, machinery compacted, and sufficiently wide for equipment to pass over.
8. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying. The fence will be 48 inch high ranch fence with a strand of barbed wire along the top for support.

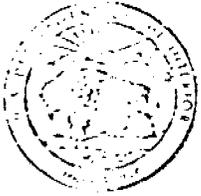
PRODUCTION

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stock-piled topsoil will be used in reclaiming the unused areas.
2. All above-ground production facilities will be painted using the attached suggested colors.
3. The access will be to the design of a Class III road.
4. If the well is a producer, the non-productive area (between the anchors or deadmen and the outer edge of the disturbed area) will be contoured, topsoils replaced, ripped and/or scarified and seeded.

REHABILITATION

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash cage. Non-burnable debris will be hauled to a local town dump site.
2. The operator or his contractor will contact the Grand Resource Area BLM Office in Moab, Utah, phone (801) 259-6111, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal, etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with the contour to a depth of six inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be broadcast at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover. Broadcast seed will be applied at two times the pounds per acre on the enclosed seed list.
8. After seeding is complete the access will be blocked to prevent any vehicle use.
9. Waterbars will be used on all sloping surfaces as shown below:

<u>Grade</u>	<u>Spacing</u>
2%	200 feet spacing
2-4%	100 feet spacing
4-5%	75 feet spacing
+5%	50 feet spacing



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

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.

SEED MIXTURE

Species		Rate
<u>Grasses</u>		
		<u>lbs/acre</u>
Oryzopsis hymenoides	Indian rice grass	1
Hilaria jamesii	Curley grass	1
<u>Forbs</u>		
Sphaeralcea coccinea	Globemallow	1
<u>Shrubs</u>		
Atriplex nuttallii	Nuttal Saltbush	1
Atriplex confertifolia	Shadscale	1
Ceretoides lanata	Winterfat	1

6

Double this amount if the seed will be broadcast.

FROM : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-14267OPERATOR: ~~Boone Oil & Gas Exp. Inc.~~WELL NO. # 2-25 Boone FedLOCATION: 1/2 1/2 1/2 sec. 25, T. 19S., R. 20E., SLMGRANDCounty, UTAH

1. Stratigraphy: *Operator's stratigraphy seems reasonable.*
2. Fresh Water: *Usable water may occur in the surface sands of the Mancos.*
3. Leasable Minerals:
Coal beds may be in the Dakota fm.
4. Additional Logs Needed: *Run APD logs through the Dakota to identify any coal beds.*
5. Potential Geologic Hazards: *unknown.*
6. References and Remarks:

Signature: E. BonishDate: 9-19-80

Frank B. Adams

OIL OPERATOR

716 WILSON BUILDING
CORPUS CHRISTI, TEXAS 78476

512-884-9004

September 10, 1981

The District Engineer
U. S. Geological Survey
2000 Administration Building
Salt Lake City, Utah 84104

RECEIVED
SEP 14 1981

DIVISION OF
OIL, GAS & MINING

Gentlemen:

Enclosed, in triplicate, are Forms 9-331-C " Application to Drill" for the following proposed test wells all in Grand County, Utah:

Frank B. Adams No. 4-1
sw se 4 - 19s - 24e SLB&M
3,700' Entrada wildcat
Federal Lease No. U-21349

Frank B. Adams No. 22-1
sw ne 22 19s - 24e SLB&M
2,950' Entrada wildcat
Federal Lease No. U-17907

Frank B. Adams No. 11-1
sw sw 11 - 19s - 24e SLB&M
3,100' Entrada wildcat
Federal Lease No. U-20401

Frank B. Adams No. 33-1
se se 33 19s - 24e SLB&M
2,300' Entrada wildcat
Federal Lease No. U-31469

Attached to each Form 9-331-C are the necessary supporting papers. The undersigned holds Statewide Drilling Bond No. 72-0130-60-78 and Mitchell Energy Corporation, the Record owner, holds Nationwide Federal Drilling Bond No. 59-5215, on file in the Denver office of the USGS.

If the enclosed meets with your approval, I would like to arrange to hold the on-site inspection, if required, for all four locations on the same day.

Thank you for your early attention to these permit requests.

Very truly yours,

FBA/g

cc-MEC-Den

UO&G (Lease plats attached)

Frank B. Adams

att: Mike Mender

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL No.: U-31469

and hereby designates

NAME: Frank B. Adams
ADDRESS: 716 Wilson Building, Corpus Christi, Texas 78476

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

TOWNSHIP 19 SOUTH, RANGE 24 EAST, S.L.M.
Section 33: SE/4

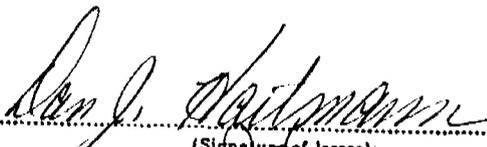
Grand County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

MITCHELL ENERGY CORPORATION


.....
(Signature of lessee)

DAN J. HARTMANN
Vice President and General Manager

3200 Amoco Building, 1670 Broadway, Denver,
Colorado 80202 (Address)

9/4/81

.....
(Date)

Frank B. Adams

OIL OPERATOR

716 WILSON BUILDING
CORPUS CHRISTI, TEXAS 78476

September 1, 1981

512-884-9004

Ten point plan to comply with NTL-6 (Supplement to 9-331 C)

Well Name: Frank B. Adams No. 33-1
se se Section 33 - 19s - 24e SLB&M
Federal Oil & Gas Lease U-31469
Grand County, Utah

1. Geological name of surface formation

Mancus shale

2. Estimated tops of important geological markers

Base of Dakota silt	1,500'
Morrison	1,650'
Salt Wash	1,930'
Entrada	2,300'

3. Estimated depth at which water, oil and/ or gas is anticipated

Water - From scattered gravel beds from surface to 100', if any

Oil or gas - any of the geological sections noted above

4. Proposed casing program

See paragraph 23 of 9-331C

5. Pressure control details

- Rigan BOP 3,000 psi (Hyd closing unit) tested to 1,000 psi after surface pipe is cemented, then daily thereafter
- Grant rotating head above BOP
- Full shut-off valve on wellhead and exhaust line, see attached diagram

6. Drilling mud and weight material program

Plans call for air drilling to total depth, adding soap to mist if necessary. If excessive formation water, oil or gas is encountered, the hole will be mudded up with 100 vis. 8.2 to 10# starch base drilling mud with KCL added. Well will then be drilled to total depth. If total depth is reached with air and/or mist, the same mud up program will be followed to condition the hole for logging. Mud will be mixed and ready for use before reaching the Dakota formation, the first prospective pay zone.

7. Auxillary equipment

- a. Demco kelly cocks
- b. Check valve above bit
- c. Visual monitoring of mud system
- d. Sub on rig floor with full opening valve, to be stabbed into drill pipe when kelly is out of the drill string

8. Testing and logging program

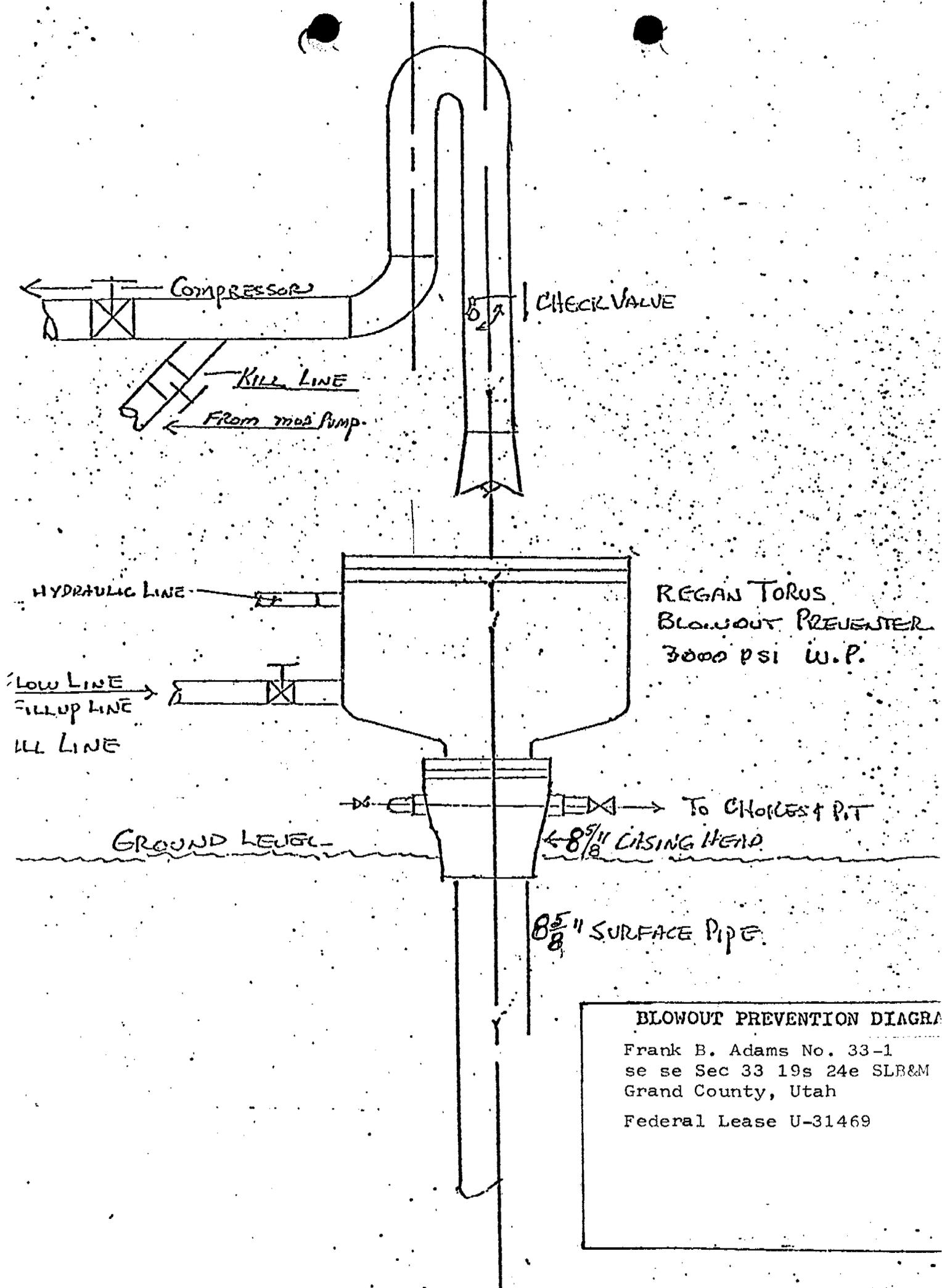
- a. No formation tests anticipated
- b. Cuttings to be examined for hydrocarbon shows
- c. Exhaust line to be equipped with flare to ignite any hydrocarbons as they might occur.
- d. Dual induction and density log to be run to total depth if hole conditions permit.

9. Anticipated abnormal pressures or temperatures

No abnormal conditions expected - estimated bottom hole pressure for are is about 35% of total depth, i.e. @ 3,000' a bottom hole pressure of 1,050# could be expected, the surface pressure would be less.

10. Anticipated starting date and duration of operations

On or about December 15, 1981 and operations should be complete within two weeks.



BLOWOUT PREVENTION DIAGRAM

Frank B. Adams No. 33-1
 se se Sec 33 19s 24e SLB&M
 Grand County, Utah
 Federal Lease U-31469

Frank B. Adams

OIL OPERATOR

716 WILSON BUILDING
CORPUS CHRISTI, TEXAS 78476

512-884-9004

September 1, 1981

Surface Use Plan (NTL-6)

Well name: Frank B. Adams No. 33-1 Federal Lease U-31469
 se se 33 - 19s - 24e SLB&M
 Grand County, Utah

1. Existing roads

- A. Proposed location shown on attached plats (Exhibits "A", "B" & "B-1").
- B. Frank B. Adams No. 33-1 is located approximately 10 miles nne of Cisco, Utah and can be reached by taking the first Cisco exit on I-70 thence about 2½ miles out the Cottonwood Ranch road to the old RR ROW, thence 2½ miles to access road to Thrift-way No. 2 Federal to a telephone line, thence ne about 700' to the location.
- C. The roads mentioned above are color-coded on Exhibit "B-1" and the turn off and access road is center flagged.
- D. The 33-1 is classified as a development well
- E. Roads within one mile of this development well are shown on Exhibit "B"
- F. No improvements needed to existing roads since they are in regular use and there are no bridges.

2. Planned access road

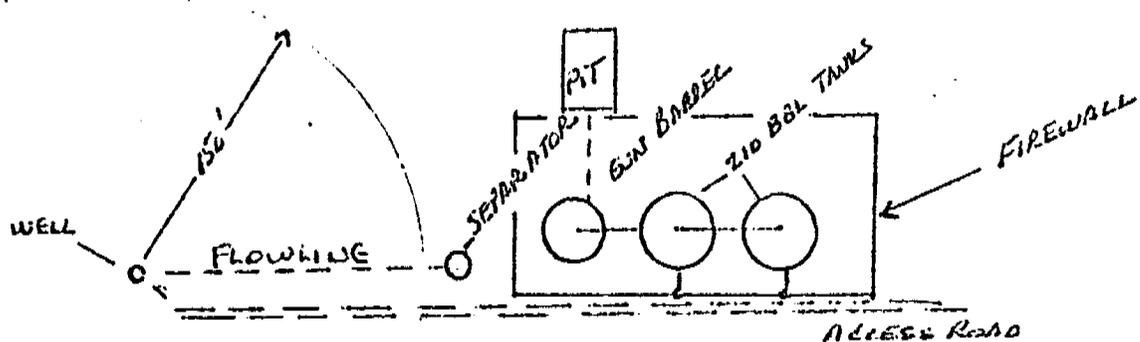
The access road will come in from the sw about 700' to the location. No grade is necessary and no turnouts will be required. The pad is level ground and the access road will be graded to about 3" in native soil. The road will be about 12' wide plus about 4 feet on either side for the bladed soil. No gates or fences exist and the proposed road is center flagged. See Exhibit "B".

3. Location of existing wells

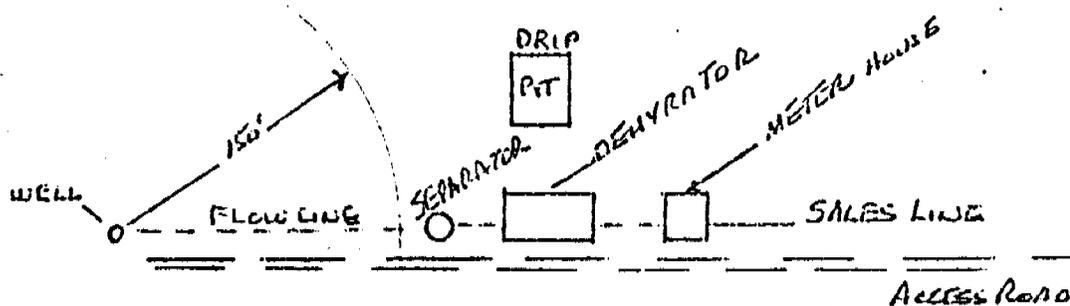
Exhibit "B" shows the only well within a one mile area and that is the Thriftway No. 2 Federal in Section 4 - 20s - 24e. There is a dryhole nw sw of Section 3 - 20s - 24e. The Thriftway No. 2 well is a recently completed gas well. There are no disposal wells, injection wells or shut-in wells within the one mile radius. Further there are no water wells within that same radius.

4. Location of existing and/or proposed facilities

- A. Operator does not own or control any facilities within a one mile radius of the proposed location.
- B. In the event of oil production, a producing facility as shown below will be constructed on the edge of the pad. Tanks will be welded 210 barrel steel storage tanks, connected by a catwalk. Oil produced will be removed by tank truck. A fire wall around the battery will be designed to contain the total volume of all storage within the fire walls plus 25%. All surface equipment will be painted "Desert Tan" to conform with BLM requirements.



In the event of gas production, producing facilities will consist of a separator, dehydrator, meter house and sales line. A typical set up is shown below:



This surface equipment will also be painted "Desert Tan" and any pits on both the oil or gas facilities will be fenced to turn livestock common to the area

- C. Rehabilitation of all disturbed areas no longer needed after operations are completed, will be restored to a smooth contour and all debris will be cleaned up. Pits will be back filled and leveled after drilling operations are concluded. The area will be stabilized with reseeding during October or November

5. Location and type of water supply

- A. Water to be used for the drilling of this well will be obtained from a slump in a creek bed located on fee land owned by Frank Spadafora of Montrose, Colorado. This slump is located in the se corner of Section 30 - 18s - 24e, Grand County, Utah
- B. Water will be picked up by 80 barrel water trucks and transported over the Sulphur Canyon road to the location. The slump is next to this road. Since this test is to be air drilled, the water needs will not exceed 250 to 300 barrels. An agreement has been reached with Mr. Spadafora to supply the water for this operation. He may be contacted at 303-249-9745 in Montrose for confirmation.
- C. There are no plans to drill a water well on location.

6. Source of construction material

- A. No construction materials, such as, sand, gravel and soil will be required other than the native soil found in place on the location.
- B. No Federal or Indian lands will be source of construction material, if any are needed.
- C. In the event of production, a gravel pad will be used under the tank battery. Such gravel will be hauled to location by private contractor.
- D. Does not apply since no materials will be from Federal or Indian lands.

7. Methods of handling waste disposal

1. Cuttings: Cuttings from air drilling will be exhausted into a pit at the end of the exhaust line. Dust will be controled by injecting a mist into the exhaust line. After operations are completed, the pit will be back filled and leveled. The head of the pit will be at least 100' from wellhead.
2. Drilling fluids: To be contained in two 10' x 20' steel mud tanks. A reserve pit will be prepared to contain any excess flow from the well during drilling, cementing and completion. The pit will be back filled after operations are complete, except a pit that might be needed in connection with the production of oil and/or gas. Any pits not back filled will be fenced.
3. Produced fluids: Oil will be properly stored in tanks erected for that purpose and any water will be diverted into a pit and deposited as required by the amount of water involved. NTL-2B will be used as a guide for disposal of fluids/
4. Sewerage : A chemical toilet will be provided on location for use by personnel.

5. Garbage and other waste material: A 10' x 10' x 6' trash pit will be constructed and enclosed by small mesh wire for use trash burn pit. Also empty steel drums will be on location to contain loose trash before burning in pit.
6. Wellsite clean up: Wellsite and pad will be properly cleaned up and restored to a smooth contour when operations are completed and rig moved off location. This clean up will occur within 30 days after the pad is vacated. Only that part of the pad required for production facilities will be kept in use. In the event of a dryhole, only the required dryhole marker will remain.

8. Ancillary facilities

No field camp or air strip will be required for this operation.

9. Wellsite layout

A plat on a scale of 1" = 50' is attached as Exhibit "C"

1. Cross-section of drill pad not shown since the rise in elevation is slight and no cuts or fills are required.
2. Location of the mud tanks, exhaust & reserve pit, burn pit, pipe racks, living facilities and soil stockpile are shown on attached Exhibit "C".
3. Rig orientation, parking areas and access road is also shown on Exhibit "C"
4. Pits shown are unlined.

10. Plans to restore surface

1. Upon completion, the part of the pad not needed to produce the well will be restored, including back filling and leveling of the pits, replacement of top soil, waste disposed of and spoils material segregated, if required. The pad will then be contoured to its original contours.
2. If the well is abandoned, the pad and access road will be ripped, leveled, rehabilitated and revegetated during the month of October or November.
3. Any remaining pits will be fenced and maintained after location is cleared, in the event of production.
4. If there is any oil on the pits, it will either be removed by truck or covered and the pit flagged on the surface.
5. Completion of the rehabilitation operations will occur during the month of October or November, weather permitting.

11. Other information

1. This location is situated on the plains below the Bookcliffs and the surface is Mancus shale with scattered clumps of greasewood and wild grasses. There are no pronounced geological features in the area.
2. The surface is owned by the BLM and is often leased as winter grazing land to local sheepmen. There are no other surface use activities on the involved land.
3. The nearest water is that source mentioned in Paragraph 5, Page 2 of the Surface use plan. The nearest occupied dwellings belong to Emmet Elizando at Harly Dome to the East.

To my knowledge there are no archeological, historical or cultural sites in the immediate area.

12. Operator's representative

Frank B. Adams
716 Wilson Building
Corpus Christi, TX 78476

M. L. Oldham
P. O. Box 1101
Fruita, CO 81521

512-884-9004

303-858-3481

13. I hereby certify that I have inspected the proposed drillsite and access roads; that I am familiar with the conditions which presently exist; that the statements made in this 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 Frank B. Adams and his contractors and subcontractors in conformity with this plan and the terms and conditions of approval.

Frank B. Adams
Frank B. Adams

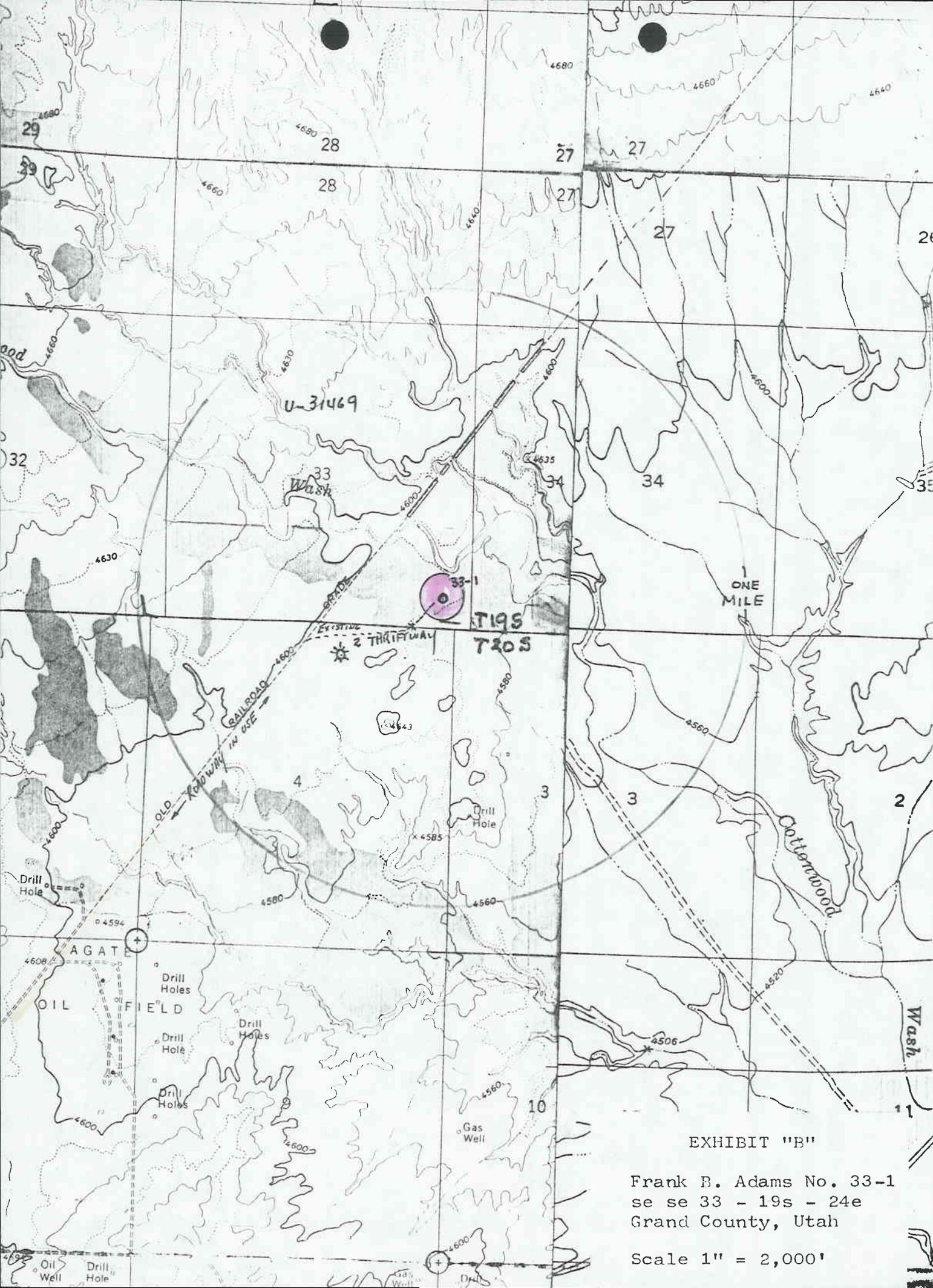
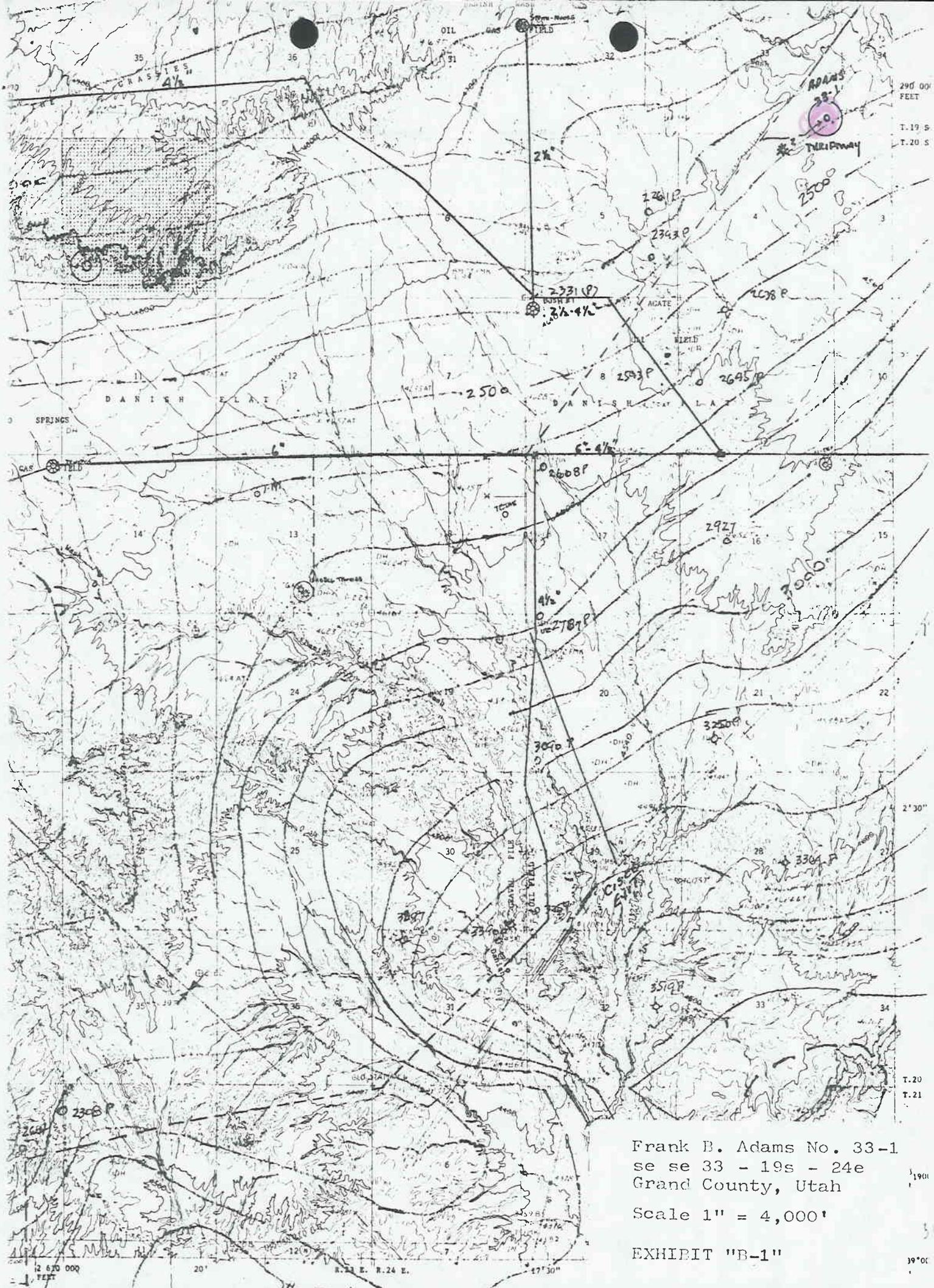


EXHIBIT "B"

Frank B. Adams No. 33-1
 se se 33 - 19s - 24e
 Grand County, Utah

Scale 1" = 2,000'



Frank B. Adams No. 33-1
 se se 33 - 19s - 24e
 Grand County, Utah
 Scale 1" = 4,000'
 EXHIBIT "B-1"

290 00'
 FEET
 T. 19 S
 T. 20 S
 2' 30"
 T. 20
 T. 21
 1901
 3
 19*00

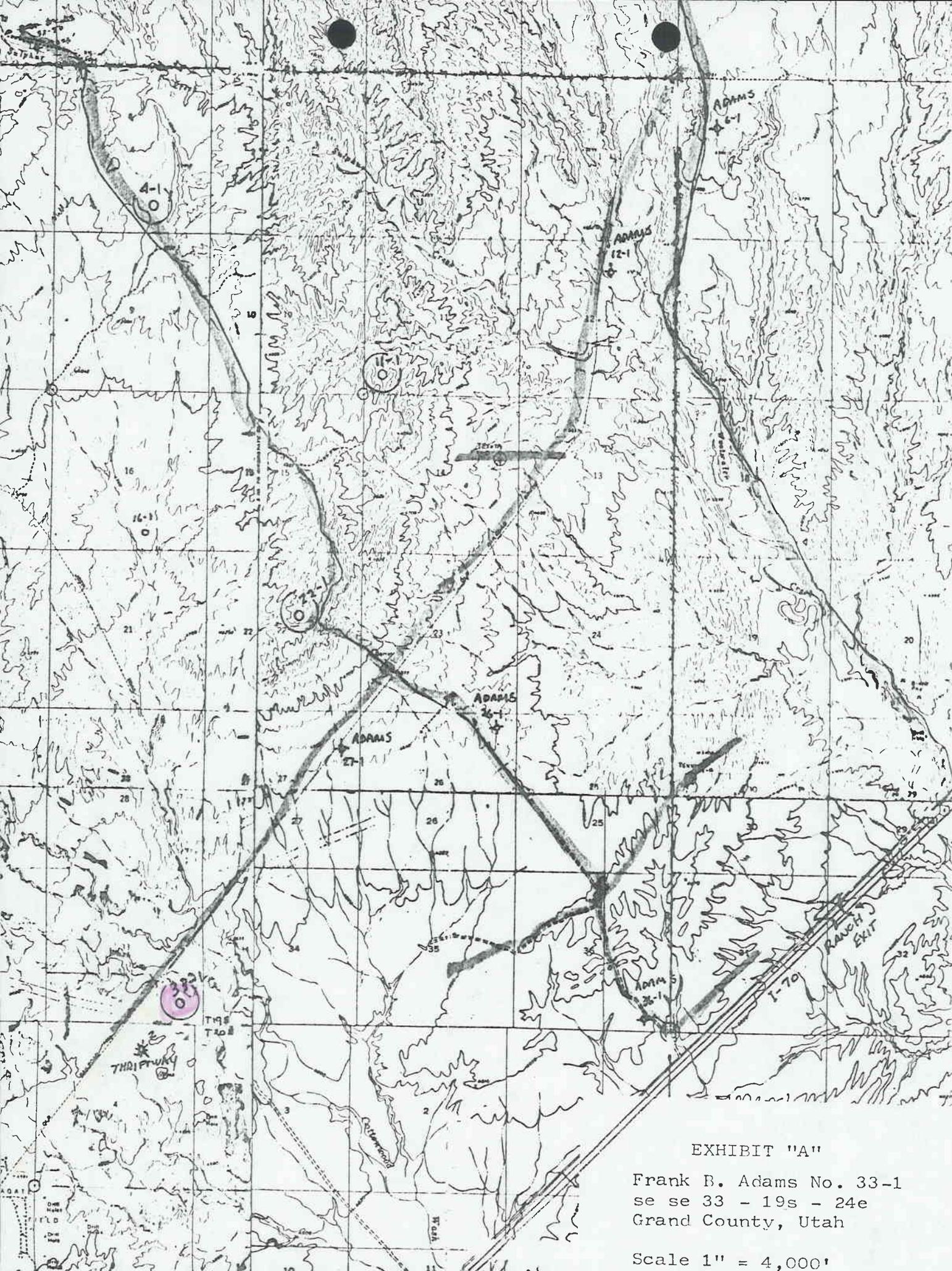
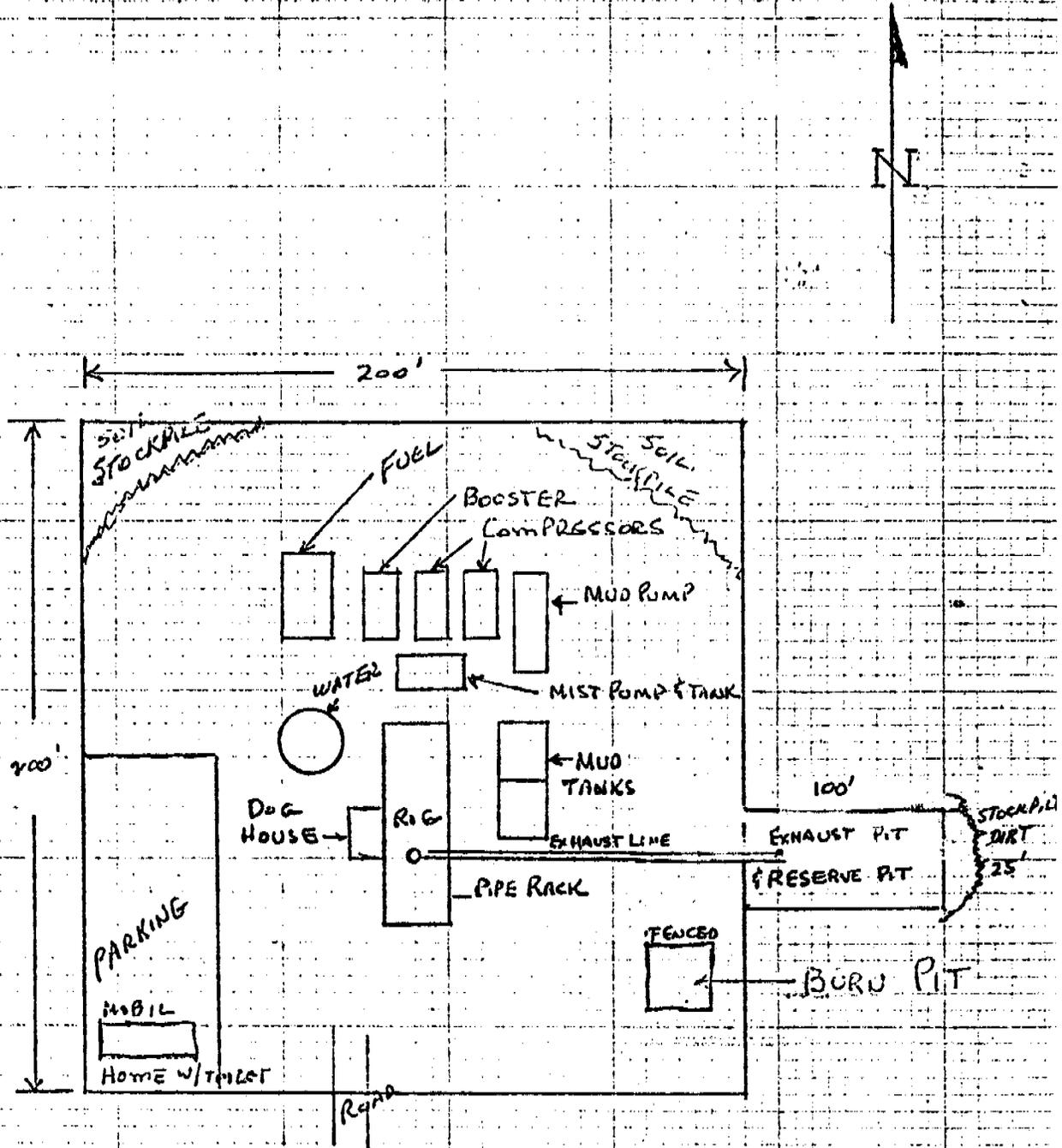


EXHIBIT "A"

Frank B. Adams No. 33-1
se se 33 - 19s - 24e
Grand County, Utah

Scale 1" = 4,000'



Drilling Rig Layout

Starter Drilling Co. Rig No. 3
 Box 1868
 Grand Junction, CO 81501

Scale 1" = 50'

Exhibit "C"

Adams No. 33-1

** FILE NOTATIONS **

DATE: October 15, 1981
OPERATOR: Frank B. Adams
WELL NO: Federal No. 33-1
Location: Sec. 33 T. 19S R. 24E County: Grand

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

API Number 43-015-30868

CHECKED BY:

Petroleum Engineer: _____
Director: OK as per order issued in case 162-168
Administrative Aide: OK as per Order Below

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. 102-116B, 9-26-79 O.K. Rule C-3
Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site
Lease Designation 74 Plotted on Map
Approval Letter Written
Hot Line P.I.

October 20, 1981

Frank B. Adams
716 Wilson Bldg.
Corpus Christi, Tx. 78476

RE: Well No. Federal #33-1,
Sec. 33, T. 19S, R. 24E,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 102-16B, dated September 26, 1979.

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

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

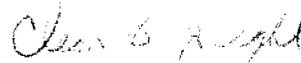
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

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 43-019-30868.

Sincerely

DIVISION OF OIL, GAS AND MINING



Cleon B. Feight
Director

CBF/db
CC: USGS

NOTICE OF SPUD

Company: Frank B. Adams
Caller: Frank Adams
Phone: _____

Well Number: 33-1

Location: SESE 33-19S-24E

County: Grand State: Utah

Lease Number: U-31469

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 1-31-82 12:00P.

Dry Hole Spudder Rotary: _____

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

set surface pipe - moving in E Layton
Exploration Rig #2 - this week - probably
2-4-82

Rotary Rig Name & Number: Layton Exploration Rig #1

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: KR

Date: 2-1-82

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: FRANK ADAMS

WELL NAME: Federal 33-1

SECTION SESE 33 TOWNSHIP 19S RANGE 24E COUNTY Grand

DRILLING CONTRACTOR Layton Exploration

RIG # 2

SPUDED: DATE 1-31-82

TIME 12:00 Noon

How Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Frank Adams

TELEPHONE # 303-243-6790 (Holiday Inn, Grand Junction)

DATE February 1, 1982 SIGNED AS

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 Frank B. Adams No. 33-1 Federal

Operator Frank B. Adams Address 718 Wilson Bldg, Corpus Christi, TX 78476

Contractor Layton Drlg. Co. Address Grand Junction, CO

Location se 1/4 se 1/4 Sec. 33 T. 19 S R. 24 E County Grand

Water Sands

	<u>Depth</u>		<u>Volume</u>		<u>Quality</u>
	From	To	Flow Rate or Head		Fresh or Salty
1.	1,321	to 1,420	Mist drilled - 10bbls/hr		Brackish
2.	1,420	to 1,921'	"	50 bbls/hr	Salty
3.	1,921	to 2,195' TD	Mud drilled		
4.					
5.					

(Continue of reverse side if necessary)

<u>Formation Tops</u>			
Dakota	1,290'	Salt Wash	1,872
Morrison	1,522'	Entrada	2,075'
Brushy Basin	1,640'		

Remarks

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

16

5. LEASE DESIGNATION AND SERIAL NO.

U-31469

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

No. 33-1 Federal

10. FIELD AND POOL, OR WILDCAT

Greater Cisco Area

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

se se 33-T19S-R24E SLB&A

12. COUNTY OR PARISH

Grand

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Frank B. Adams

3. ADDRESS OF OPERATOR
718 Wilson Building, Corpus Christi, TX 78476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 500' fsl & 500' fel Section 33 SESE
At top prod. interval reported below Township 19 South-Range 24 East
At total depth Same as above

14. PERMIT NO. 43-019-30868 | DATE ISSUED 10/22/81

15. DATE SPUDDED 2-08-82 | 16. DATE T.D. REACHED 2-21-82 | 17. DATE COMPL. (Ready to prod.) 3-13-82 | 18. ELEVATIONS (DP, RKB, RT, OR, ETC.)* 4601' KB | 19. ELEV. CASINGHEAD 4592'

20. TOTAL DEPTH, MD & TVD 2,195' | 21. PLUG, BACK T.D., MD & TVD 1,845' KB | 22. IF MULTIPLE COMPL., HOW MANY* NA | 23. INTERVALS DRILLED BY → 0=2,195' | CABLE TOOLS -0-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
D&A | 25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction & Density Neutron & Cement Bond Log (Welex) | 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
8-5/8"	24#	165'	12 1/2"	98 sx (Fleet)	none
7"	20#	148' KB	7-7/8"	18 sx (Fleet)	none
4 1/2"	10 1/2#	1,845' KB	6-1/8"	130 sx (Dowell)	none

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					None -	D&A	

31. PERFORATION RECORD (Interval, size and number)

1736-38 1/2' w/4/ft .58 hole.CIBP @ 1725'
1536-46 w/2/ft .58 hole CIBP @ 1,520'
1,385-90' w/2/ft .58 hole CIBP @ 1,350'
1,308-16 w/2/ft .58 hole

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION Non productive | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) Shut-in waiting on permission to plug and pull casing

DATE OF TEST	HOURS TESTED	CHOKER 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
Copies of logs direct from Welex and USGS Form 9-331 (Sundry Notice)

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

SIGNED Frank B. Adams TITLE Operator DATE March 19, 1982

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

STATE

INSTRUCTIONS

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

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

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any); for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Base Dk Silt		1,242'				
Dakota	1,290'		Water @ 1,321'			
Morrison	1,522'					
Brushy Basin	1,640'					
Salt Wash	1,872'		Mudded up @ 1,921' due to excessive water.			
Entrada	2,075'					

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 RECORDER

38. GEOLOGIC MARKERS



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 7, 1982

Frank B. Adams
718 Wilson Building
Corpus Christi, Texas
78476

Re: Well No. Federal 33-1
Sec. 33, T. 19S, R. 24E.
Grand County, Utah

3-14-82

Adams & Dizdar
Well No. C. P. Jouflas #2
Sec. 20, T. 19S, R. 23E.
Grand County, Utah

12-10-81

Gentlemen:

According to our records, a "Well Completion Report" filed with this office March 19, 1982 & February 25, 1982, from above referred to wells, indicates the following electric logs were run: Dual Induction, Density Neutron, Cement Bond Log-- Jouflas #2- DIL, CNDL. As of todays date, this office has not received these logs: Dual Induction & Density Neutron, Jouflas #2- DIL, CNDL.

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 AND MINING

Cari Furse

Cari Furse
Clerk Typist

April 20, 1982

I checked with Welex about the above logs and was advised that the No 2 Jouflas logs were sent to you by UPS 12-10-81 and that the logs on the No. 33-1 were sent by UPS on March 19, 1982. They have shipping receipts for each mailing. Kindly check your files for same and advise. They should be in your office somewhere.

Sincerely,

Frank B. Adams

Frank B. Adams

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck
Robert R. Norman • Margaret R. Bird • Herm Olsen

an equal opportunity employer • please recycle paper

DIVISION OF OIL, GAS AND MINING

APR 26 1982

RECEIVED

*4/19/82
New Carbon*

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 dryhole w/ casing

2. NAME OF OPERATOR
Frank B. Adams

3. ADDRESS OF OPERATOR 78476
718 Wilson Bldg., Corpus Christi, TX

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) se se
AT SURFACE: 500' fs1 & 500' fel
AT TOP PROD. INTERVAL: Section 3, Township
AT TOTAL DEPTH: 19 South, Range 24 East

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 checked="" type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE
U-31469

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
No. 33-1

10. FIELD OR WILDCAT NAME
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
se se 33- 19s - 24e SLB&M

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-30868

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4,601'

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

Replaces 9-331 approved by State 3-22-82

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.)*

8-5/8th" & 7" liner set to 165' - cemented to surface
 4 1/2" casing set to 1,845' (top of cement by bond log @ 1,054')
 Peforations @ 1,736-38 1/2" - CIBP @ 1,725'
 1,536-46' - CIBP @ 1,520'
 1,385-90' - CIBP @ 1,350'
 1,308-16' All zones non-commerical
 Top of Dakota @ 1,290'

USGS
Note: Verbal OK
1/05/83

Permission requested to plug as follows:

200' cement on top of CIBP @ 1,350' = 1,150' - 1,350'
 20 sx cement in annular space between 7" and 4 1/2" casing
 20 sx cement in top of 4 1/2" casing
 Install regulation dryhole marker - Rehab location

Subsurface Safety Valve: Manu. and Type Note: 8.6# 90 vis mud between CIBPs Set @ _____ Ft.

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

SIGNED Frank B. Adams - TITLE Operator DATE January 5, 1983

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

(This space for Federal or State office use)
ACCEPTED
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
 DATE: 01/04/83
 BY: [Signature]
 *See Instructions on reverse side

