

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED Oil & Gas SUB REPORT/abd _____

* Location Abandoned - Well never drilled - 1-28-83

DATE FILED 9-1-81

LAND: FEE & PATENTED _____

STATE LEASE NO. _____

PUBLIC LEASE NO. U-21349

INDIAN _____

DRILLING APPROVED: ~~10-2-81~~ 10/20/81

SPUDDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY API _____

GOR: _____

PRODUCING ZONES _____

TOTAL DEPTH _____

WELL ELEVATION: _____

DATE ABANDONED: LA 1-28-83

FIELD: 3/86 Greater Cisco Area

UNIT _____

COUNTY: Grand

WELL NO. Federal #4-1

API# 43-019-30865

LOCATION 500' FT. FROM XX (S) LINE. 2140'

FT. FROM (E) (X) LINE.

1/4 - 1/4 SEC

SWSE

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
<u>19S</u>	<u>24E</u>	<u>4</u>	<u>FRANK B. ADAMS</u>				

Frank B. Adams

OIL OPERATOR

716 WILSON BUILDING
CORPUS CHRISTI, TEXAS 78476

2-884-9004

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-Dep
UO&G (Lease plats attached)

Frank B. Adams

att: Mike Mender

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 & 2,140' fel - Sec. 4 -19s - 24e SLB&M
 At proposed prod. zone Same as above **SWSE**

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 500'
 16. NO. OF ACRES IN LEASE 2,367.08
 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 3,800' Entrada
 20. ROTARY OR CABLE TOOLS Rotary-air

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4,879' Gr. 4,887' KB
 22. APPROX. DATE WORK WILL START* Feb 1, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8ths"	26#	160'	25 sx to surface
6 1/4"	4 1/2"	10 1/2#	3,800'	140 sx + 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: 10/2/81
 BY: *[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 1, 1981

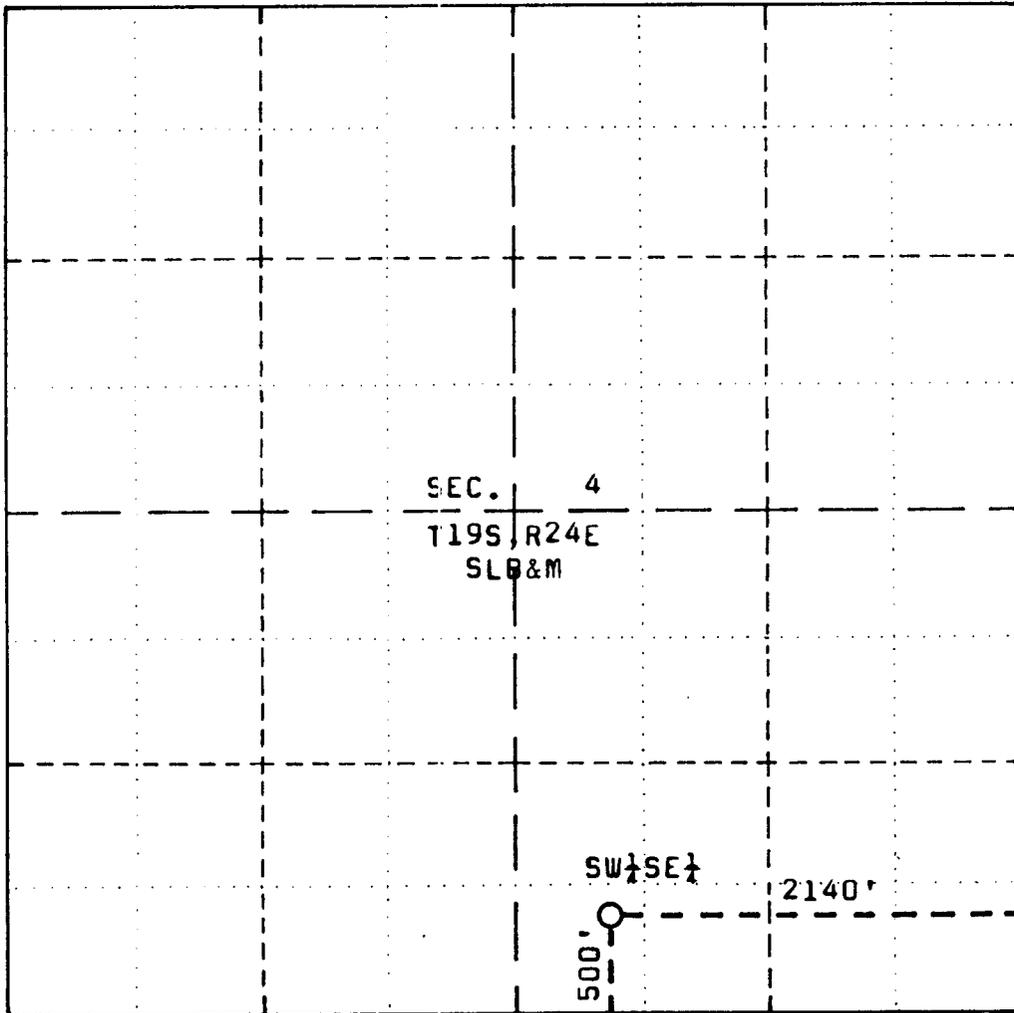
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE



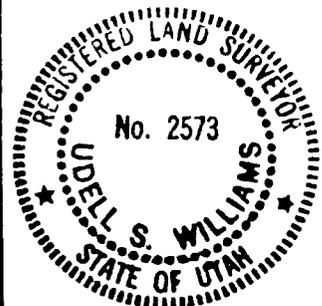
SCALE: 1" = 1000'

FRANK B. ADAMS #4-1 FED.

Located North 500 feet from the South boundary and West 2140 feet from the East boundary of Section 4, T19S, R24E, SLB&M.

Elev. 4879

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



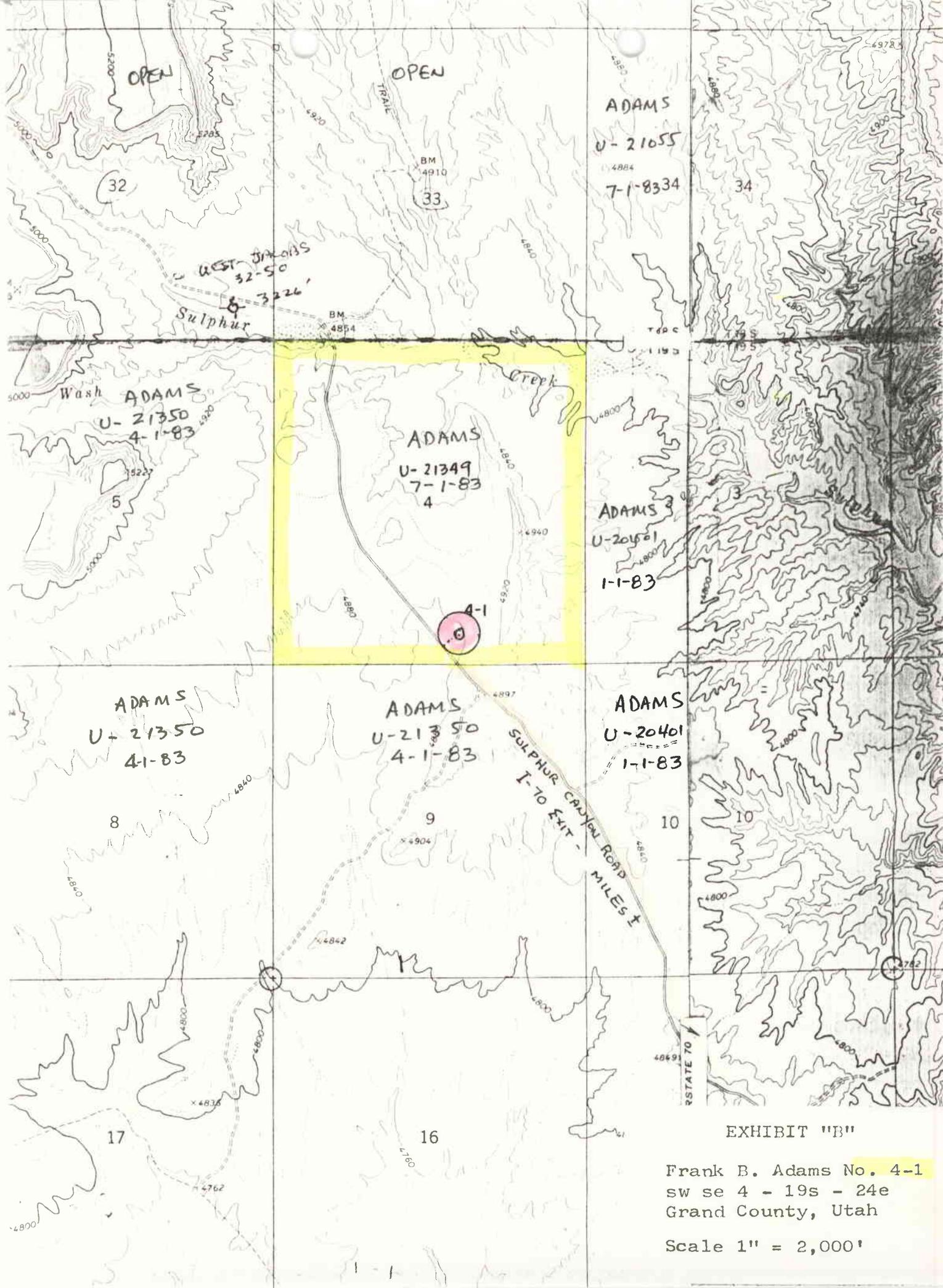
UDELL S. WILLIAMS

751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

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

SURVEYED BY: USW DATE: 8/6/81
DRAWN BY: USW DATE: 8/8/81



ADAMS

U-21055

7-1-8334

OPEN

OPEN

32

33

34

WEST JACOBS
32-50

Sulphur
3226'

Wash ADAMS

U-21350
4-1-83

ADAMS

U-21349
7-1-83
4

ADAMS

U-20401

1-1-83

4-1

ADAMS

U-21350
4-1-83

ADAMS

U-21350
4-1-83

ADAMS

U-20401

1-1-83

SULPHUR CANYON ROAD
1- TO EXIT - MILES ±

EXHIBIT "B"

Frank B. Adams No. 4-1

sw se 4 - 19s - 24e

Grand County, Utah

Scale 1" = 2,000'

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-21349

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, SLM
Section 4: SE/4

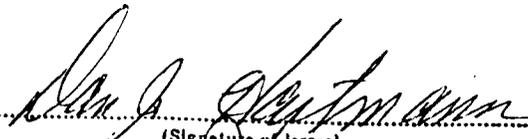
Grand County, Utah

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

.....
9-4-81
(Date)

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

Frank B. Adams

OIL OPERATOR

716 WILSON BUILDING

CORPUS CHRISTI, TEXAS 78476

512-884-9004

September 1, 1981

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

Well Name: Frank B. Adams No. 4-1
sw se Sec 4 - 19s 24e SLB&M
Federal Oil & Gas Lease U-21349
Grand County, Utah

1. Geological name of surface formation

Mancus shale

2. Estimated tops of important geological markers

Base of Dakota silt	2,800'
Morrison	2,950'
Salt Wash	3,230'
Entrada	3,605'

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

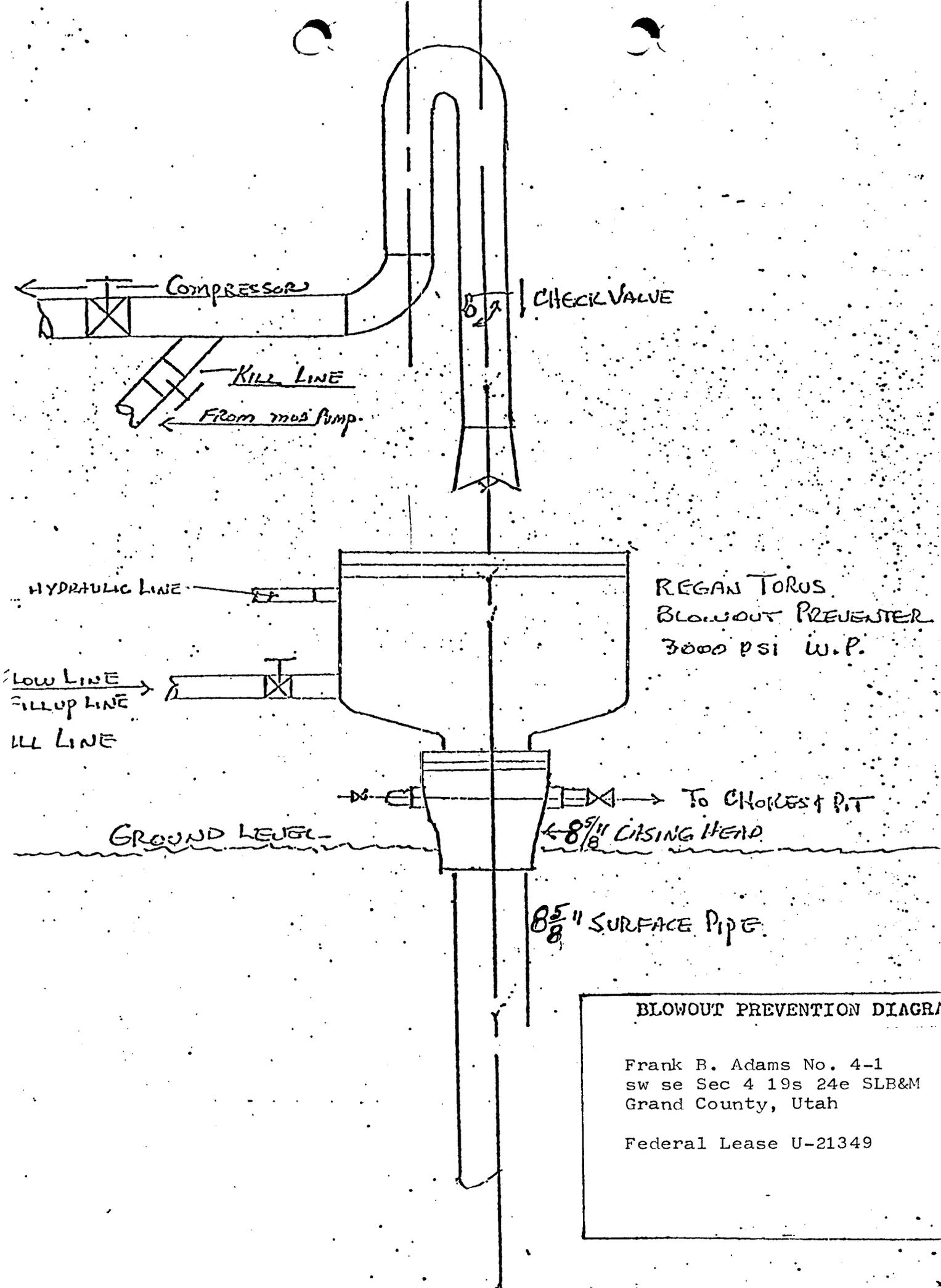
- a. No formation tests anticipated
- b. Cuttings to be examined for hydrocarbon shows
- c. Exhaust line to be equipped with flare to ignite any hydrocarbons as they might occur.
- d. Dual induction and density log to be run to total depth if hole conditions permit.

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 February 1, 1982 and operations will be completed within two weeks.



BLOWOUT PREVENTION DIAGRAM

Frank B. Adams No. 4-1
 sw se Sec 4 19s 24e SLB&M
 Grand County, Utah

Federal Lease U-21349

Frank B. Adams

OIL OPERATOR

716 WILSON BUILDING
CORPUS CHRISTI, TEXAS 78476

September 1, 1981

512-884-9004

Surface Use Plan (NTL-6)

Well name: Frank B. Adams No. 4-1 Federal Lease U-21349
 sw se 4 - 19s - 24e SLB&M
 Grand County, Utah

1. Existing Roads

- A. Proposed location shown on attached plats (Exhibits "A" and "B").
- B. The No. 4-1 is located approximately 15 air miles nne of Cisco, Utah and can be reached by taking the first Ranch Exit on I-70 coming into Utah from Colorado. Leave I-70 at exit and take the Sulphur Ranch road for about 7 miles to where access road to location begins.
- C. The Sulphur Canyon road is color-coded on Exhibit "A" and the location is 400' off the Sulphur Canyon road to the ne. The access road is center flagged.
- D. The No. 4-1 is classified as an exploratory well and all of the existing roads within a three mile radius are shown on Exhibit "A". The Sulphur Canyon road is native soil and is maintained by Grand County. Operator will repair any damage that his operations might cause.
- E. NA
- F. No improvements to existing roads needed since it is in regular use and there are no bridges involved.

2. Planned access road

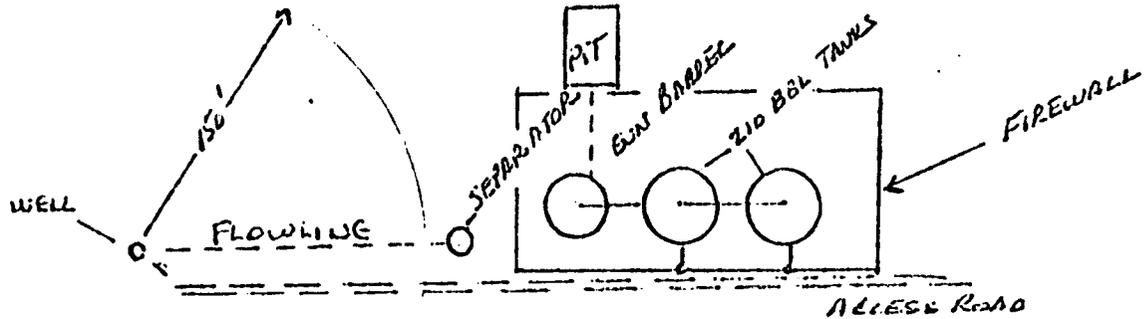
The access road will come in from the west. No grade or cuts will be necessary and no turnouts will be required. The pad is on level ground and the drainage is good. The access road will be bladed no deeper than 3" and is to be 12' wide with about an extra 4 feet on either side for bladed soil. The length of the road is about 400'. No gates or fences exist and the proposed access road is center flagged. See Exhibit "B".

3. Location of existing wells

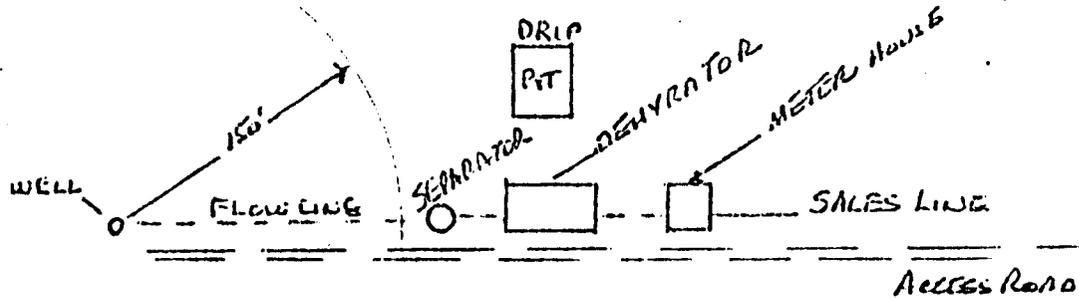
Exhibit "A" shows abandoned wells within a two mile radius to be located in Section 32 - 18s - 24e. A proposed location is located in Section 11 - 19s - 24e. There are no water or other type wells within the area of interest.

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 controlled 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 RLM 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

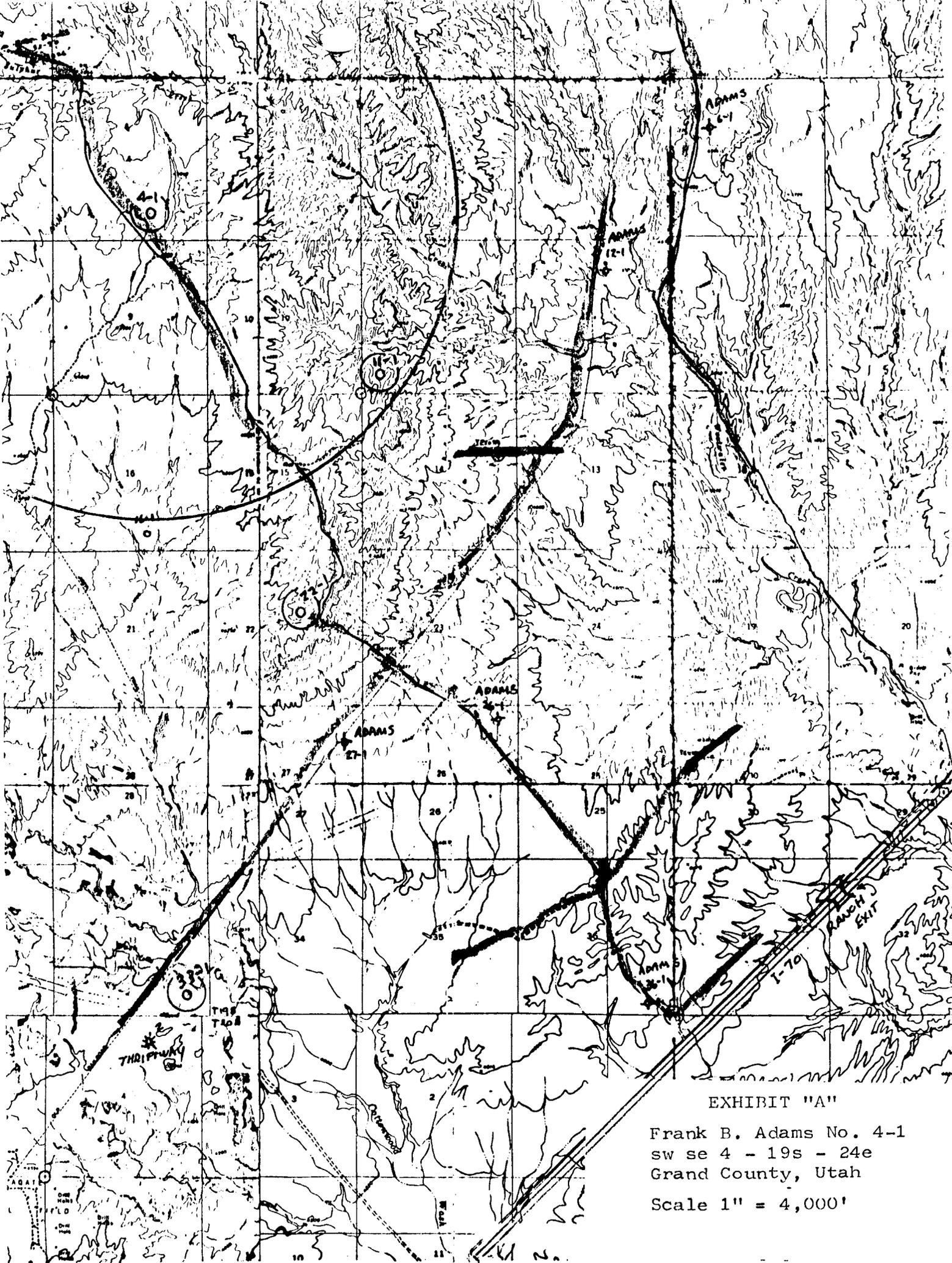


EXHIBIT "A"

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

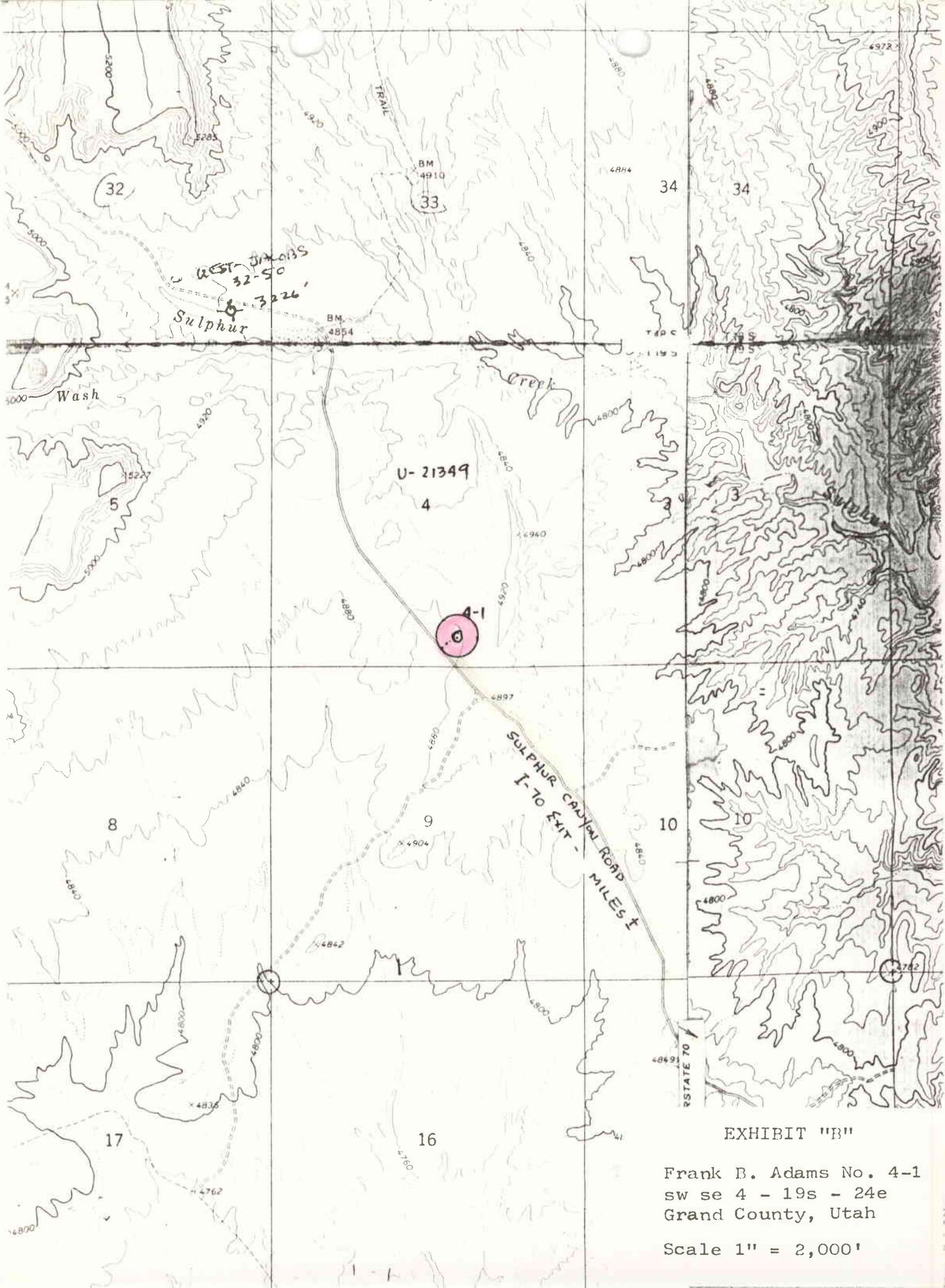
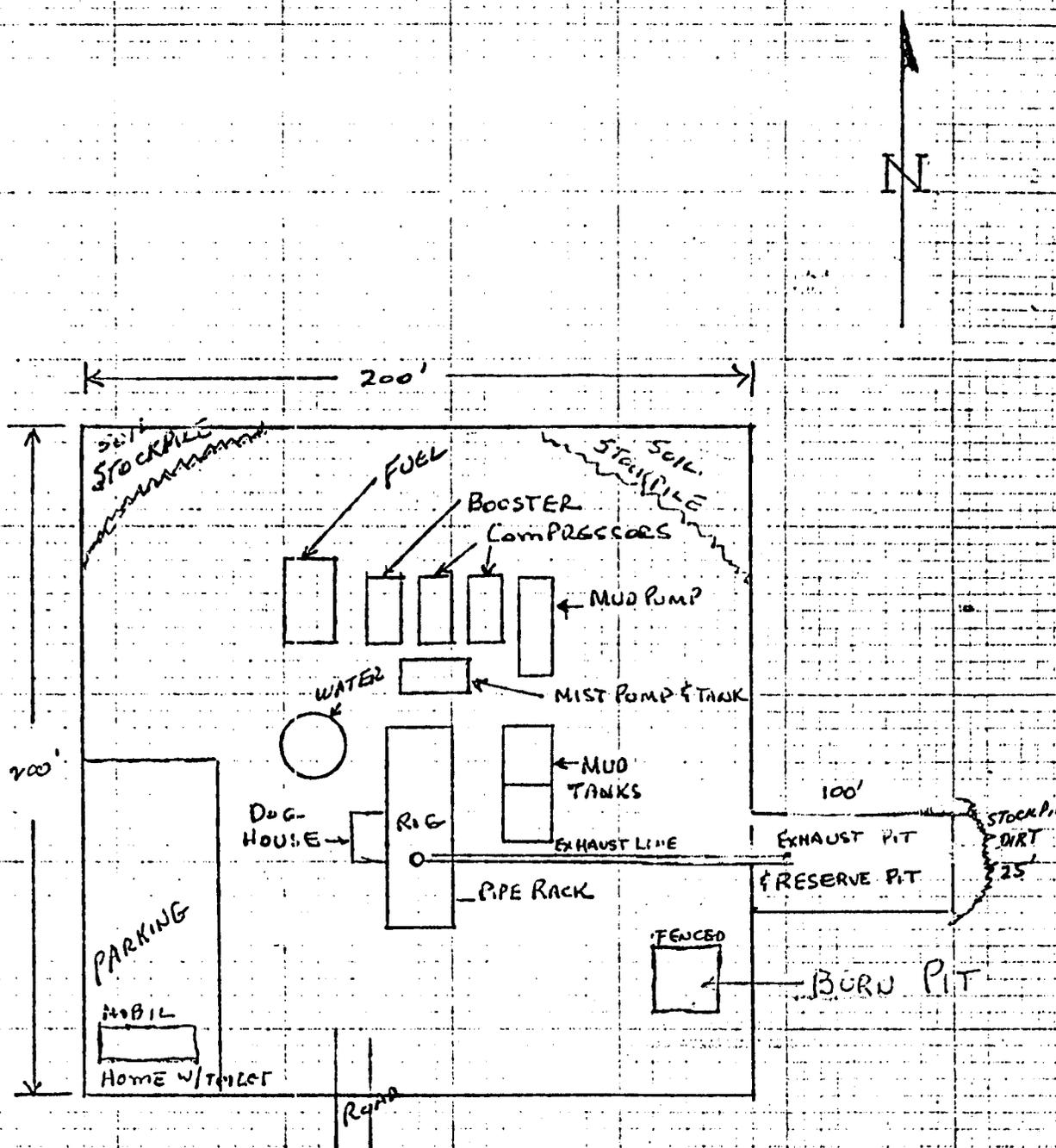


EXHIBIT "B"

Frank B. Adams No. 4-1
 sw se 4 - 19s - 24e
 Grand County, Utah

Scale 1" = 2,000'



Drilling Rig Layout

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

Scale 1" = 50'

Exhibit "C"
 Adams No. 4-1

** FILE NOTATIONS **

DATE: October 15, 1981

OPERATOR: Frank B Adams

WELL NO: Federal No. 4-1

Location: Sec. 4 T. 19S R. 24E County: Grand

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-019-30865

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per order issued in case 102-16B

Administrative Aide: OK as per order below

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 102-16B, 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 Fed

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 #4-1,
E, Sec. 4 T. 19S, SR. 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 43-019-30865.

Sincerely

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Cleon B. Feight
Director

CBF/db
CC: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
U-21349

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
No. 4 - Federal

10. FIELD AND POOL OR WILDCAT
Greater Cisco Area

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

12. COUNTY OR PARISH STATE
Grand Utah

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.)
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At proposed prod. zone Same as above
SWE

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

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16. NO. OF ACRES IN LEASE 2,367.08
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 3,800' Entrada
20. ROTARY OR CABLE TOOLS Rotary-air

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4,879' Gr. 4,887' KB
22. APPROX. DATE WORK WILL START*
Feb 1, 1981

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11"	8-5/8ths"	26#	160'	25 sx to surface
6 1/2"	4 1/2"	10 1/2#	3,800'	140 sx + 2% KCL

Attached

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

RECEIVED
NOV 18 1981

DIVISION OF
OIL, GAS & MINING

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

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE
APPROVED BY W.P. Monte TITLE DISTRICT OIL & GAS SUPERVISOR DATE NOV 22 1981

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

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

NOTICE OF APPROVAL

C. J. Ate R & G

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 & 2140' FEL - Sec. 4, T. 19S, R. 24E
Well No. 4-1 Lease No. U-21349
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

[Signature]
Environmental Scientist

I concur
NOV 03 1981
Date

[Signature]
District Supervisor
FOR E. W. GUYNN
DISTRICT OIL & GAS 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



*Ernie Adams
4-1 PHSI*

RECOMMENDED STIPULATIONS FOR FRANK B. ADAMS WELL #4-1:

1. Production facilities will be painted a tan color to blend in with the natural surroundings.
2. Double pipe rams will be used during drilling operations.
3. The Operator will adhere to BLM surface stipulations.

COMMENTS:

The location is located south of the Book Cliffs on a gentle sloping ridge. Row by the BLM will not be required for this location. Northwest Pipeline will gather the gas from this location.



United States Department of the Interior

IN REPLY REFER TO

3109
U-21349
(U-068)

BUREAU OF LAND MANAGEMENT
Moab District
Grand Resource Area
P. O. Box M
Moab, Utah 84532

OCT 26 1981

Memorandum

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

From: Area Manager, Grand

Subject: Frank B. Adams (APD)
Fed. 4-1 Lease: U-21349
SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 4, 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 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 301-259-6111) 48 hours prior to beginning any work on public land.
2. The dirt contractor will be furnished with an approved copy of 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 and total disturbed width of 16 feet. For construction design and survey refer to Class III Road Standards attached to well #33-1.

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 long x 60 feet wide to set the rig and steel mud tanks and rest of the area will be left as is; but can be driven over with vehicles.

6. The top six inches of soil material will be removed from the location and stockpiled separate from the trees on the northeast 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 enough 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 inches high ranch wire 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 stockpiled 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. The non-productive area (between the deadmen and/or anchors and the outer edge of the disturbed area) will be contoured, topsoils replaced, ripped 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 areas.
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 time 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

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	Globe mallow	1
<u>Shrubs</u>		
Atriplex nuttallii	Nuttal Saltbush	1
Atriplex confertifolia	Shadscale	1
Ceratoidees lanata	Winterfat	1
		<hr/>
		6

Double this amount if the seed will be broadcast.



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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other Instr. MINERAL SERVICE OIL & GAS OPERATIONS RECEIVED)
SEP 13 1982

5. LEASE DESIGNATION AND SERIAL NO. U-21349

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Federal

9. WELL NO. No. 4-1 Federal

10. FIELD AND POOL, OR WILDCAT Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 4-T19S-R24E SLB&M

12. COUNTY OR PARISH Grand 13. STATE Utah

1. TYPE OF WORK DRILL DEEPEN PLUG BACK SALT LAKE CITY, UTAH

2. NAME OF OPERATOR Frank B. Adams

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 500' fsl & 2,140' fel - Sec 4 T19S - R24E, SLB&M
At proposed prod. zone Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15.15 miles nne of Cisco, Utah

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

16. NO. OF ACRES IN LEASE 2,367.08

17. NO. OF ACRES ASSIGNED TO THIS WELL 10acs (oil) 40acs(gas)

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

19. PROPOSED DEPTH 3,800' Entrada

20. ROTARY OR CABLE TOOLS Rotary (Air)

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4,879' Gr 4,887' KB

22. APPROX. DATE WORK WILL START* December 1, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8ths	26#	160'	30 sx to surface
6 1/2"	4 1/2"	10 1/2#	3,800'	140 sx + 2% KCL

Request for extention to start well at a later date than on original approved APD.

This re-approval is subject to all of the Conditions of Approval originally approved on November 12, 1981.

18. 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. 9, 1982
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE
APPROVED BY W. W. Mouton for E. W. Guynn DATE SEP 30 1982
CONDITIONS OF APPROVAL, IF ANY: District Oil & Gas Supervisor

*See Instructions On Reverse Side

STATE O & G

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7
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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 Abandon location

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. See space 17 below.)
AT SURFACE: 500' fsl (sw se 4-19s-24e)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

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

SUBSEQUENT REPORT OF:

Abandon location (Test not drilled)

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

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

Location originally approved 11/12/81 extended 9/30/82

No surface disturbance associated with this permit. No rehab necessary

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Frank B. Adams TITLE Operator DATE January 28, 1983

(This space for Federal or State office use)

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

STATE

L.A.

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

May 25, 1983

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

Re: Rescind Application for Permit to
Drill
Well No. 4-1
Section 4, T. 19 S., R. 24 E.
Grand County, Utah
Lease U-21349

Gentlemen:

The Application for Permit to Drill the referenced well was approved on
September 30, 1982. We are rescinding the permit per your request
received February 1, 1983.

Sincerely,

(ORIG. SGD.) W. P. MARTENS
Drilling Unit Supervisor

 E. W. Gynn
Chief, Branch of Fluid Minerals

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

WPM/kr