

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE WATER SANDS LOCATION INSPECTED SUB. REPORT/abd

Location Abandoned - Application rescinded - 8-5-83

DATE FILED 3-2-82

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-26341

INDIAN

DRILLING APPROVED: 3-10-82

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 8-5-83 LA

FIELD: 3/4 GRATER CISCO AREA

UNIT:

COUNTY: GRAND

WELL NO FEDERAL #4-341

API NO. 43-019-30932

LOCATION 760 FT. FROM (N) ~~*~~ LINE. 1460 FT. FROM ~~*~~ (W) LINE. NE NW 1/4 - 1/4 SEC. 12

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				20S	21E	12	FRANK B. ADAMS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER 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 760' fnl & 1,460' fwl Section 12 20s 21e SLB&M
 At proposed prod. zone (sw ne nw)
 Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 19 miles nnw from Cisco, Utah

16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drig. unit line, if any) 760'

18. NO. OF ACRES IN LEASE
 440 acs

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.

19. PROPOSED DEPTH
 3,400' Entrada

20. ROTARY OR OTHER HOLES
 Rotary (air)

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5,455' Gr 5,464' KB

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-5/8ths"	7-5/8ths"	24#	180'	50 sacks to surface
6 1/2"	4 1/2"	10.5#	3,400'	120 sacks 2% KCL

Federal Drilling Bond No. 72-0130-60-78 (USF&G)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed 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 December 3, 1981

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES AND ENERGY
in and for the STATE OF UTAH

STATE

3-341

4-341

IN THE MATTER OF THE APPLICATION)
OF FRANK B. ADAMS FOR AN EXCEPTION) ORDER
TO THE WILDCAT WELL SPACING PATTERN)
ESTABLISHED BY THE ORDER ISSUED IN) CAUSE NO. 102-39
CAUSE NO. 102-16B)

This cause came on for hearing before the Board of Oil, Gas and Mining at 1:00 p.m., on Thursday, January 28, 1982, in the State Office Building Auditorium, Salt Lake City, Utah, pursuant to an Order to Show Cause why an exception to the wildcat well spacing pattern established by the Order issued in Cause No. 102-16B should not be allowed.

The following Board Members were present:

Charles R. Henderson, Chairman

Edward T. Beck

E. Steele McIntyre

Robert R. Norman

John L. Bell

Margaret R. Bird

Herm Olsen

NOW, THEREFORE, the Board, being fully advised in the premises, finds as follows:

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties in the form and manner and within the time required by law and the rules and regulations of the Board;
2. No objections were received or appearances made entering objections to the application; and
3. There will be no violation of correlative rights by the granting of said application.

IT IS THEREFORE ORDERED BY THE BOARD THAT the application of Frank B. Adams be granted allowing an exception to the provisions of the Order issued in Cause No. 102-16B so as to permit the drilling of the No. 3-341 well 402 feet from the South line and 2071 feet from the East line and the No. 4-341 well 760 feet from the North line and 1460 feet from the West line of Section 12, Township 20 South, Range 21 East, SLM, Grand County, Utah.

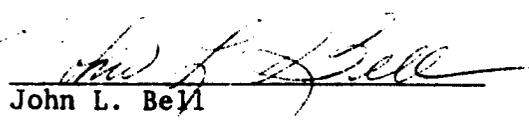
STATE OF UTAH
BOARD OF OIL, GAS AND MINING

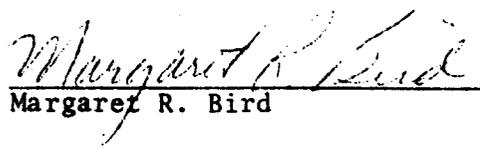
Charles R. Henderson, Chairman

Edward T. Beck

E. Steele McIntyre


Robert R. Norman


John L. Bell


Margaret R. Bird


Herm Olsen

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
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3. ADDRESS OF OPERATOR
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 At surface 760' fnl & 1,460' fwl Section 12 20s 21e SLB&M
 At proposed prod. zone (sw ne nw)
 Same as above

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 19 miles nnw from Cisco, Utah

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17. NO. OF ACRES ASSIGNED TO THIS WELL
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19. PROPOSED DEPTH
 3,400' Entrada

20. ROTARY OR CABLE TOOLS
 Rotary (air)

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5,455' Gr 5,464' KB

5. LEASE DESIGNATION AND SERIAL NO.
 G-26341

6. INDIAN ALLOTTEE OR LEASEE NAME

7. AGREEMENT NAME

8. FIELD OR LEASE NAME

9. FEDERAL WELL NO. #4-341

10. FIELD AND POOL, OR VICINITY
 Greater Cisco Area

11. T. 12 S., R. 10 E., S. 13 E. SURVEY OF ARIZONA
 120s-21e SLB&M

12. COUNTY OR PARISH AND STATE
 Grand Utah

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

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-5/8ths"	7-5/8ths"	24#	180'	50 sacks to surface
6 1/2"	4 1/2"	10.5#	3,400'	120 sacks of 2% KCL

Federal Drilling Bond No. 72-0130-60-78 (USF&G)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING
 DATE: March 2, 1982
 BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed 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.

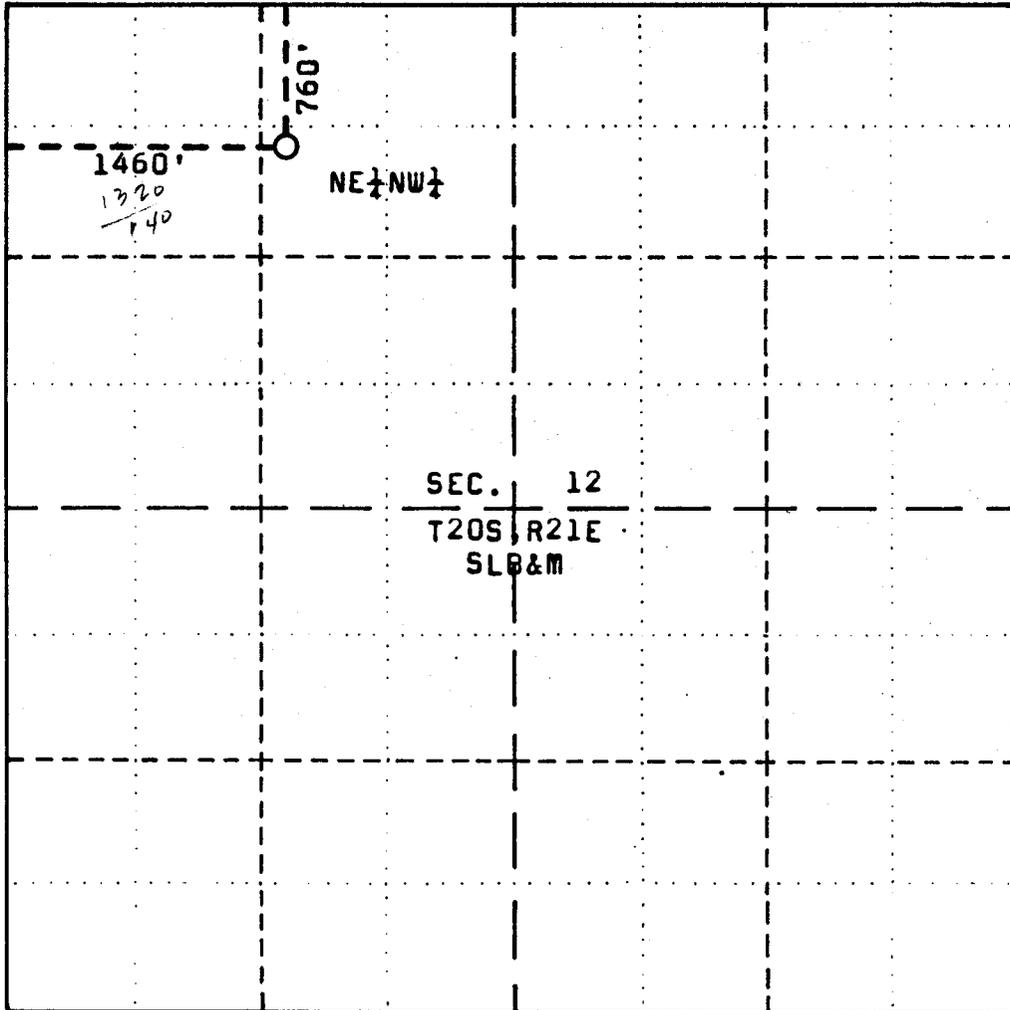
24. SIGNED Frank B. Adams TITLE Operator DATE March 2, 1982

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:



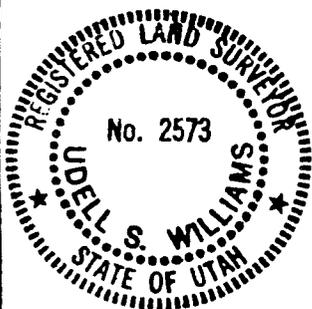
SCALE: 1" = 1000'

FRANK B. ADAMS FEDERAL #4-341

Located South 760 feet from the North boundary and East 1460 feet from the West boundary of Section 12, T20S, R21E, SLB&M.

Elev. 5455

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 FED. #4-341
NE $\frac{1}{4}$ NW $\frac{1}{4}$ SECTION 12
T20S, R21E, SLB&M

SURVEYED BY: USW DATE: 4/4/81
DRAWN BY: USW DATE: 4/4/81

Frank B. Adams

OIL OPERATOR

March 2, 1982

716 WILSON BUILDING
CORPUS CHRISTI, TEXAS 78476

512-884-9004

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

Well Name: Frank B. Adams No. 4-341
ne nw 12 - 20s - 21e SLB&M
Federal Oil & Gas Lease U-26341
Grand County, Utah

1. Geological name of surface formation

Mancus shale

2. Estimated tops of important geological markers

Base of Dakota silt	2,538'
Morrison	2,758'
Salt Wash	3,038'
Entrada	3,350'

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 9-331 C

5. Pressure control details

- a. Shaffer double BOP with rams 3,000 psi (Hyd closing unit) tested to 1,000 psi after surface pipe is cemented, then daily thereafter
- b. Grant rotating head above BOP
- c. 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 the area 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. No toxic gases, such as H₂S are expected.

10. Anticipated starting date and duration of operations

On or about July 1, 1982. Area not open to drilling until after march 31st due to its location in the Horse Pasture winter deer range. Once commenced the entire drilling operation will not exceed two weeks.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X], DEEPEN [], PLUG BACK []
b. TYPE OF WELL: OIL WELL [], GAS WELL [], OTHER []
2. NAME OF OPERATOR: Frank B. Adams
3. ADDRESS OF OPERATOR: 716 Wilson Bldg., Corpus Christi, TX 78476
4. LOCATION OF WELL: 760' fnl & 1,460' fwl Section 12 20s 21e SLB&M
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 19 miles nnw from Cisco, Utah
16. NO. OF ACRES IN LEASE: 440 acs
17. NO. OF ACRES ASSIGNED TO THIS WELL: 10 acs (oil) 40 acs (gas)
20. ROTARY OR CABLE TOOLS: Rotary (air)
22. APPROX. DATE WORK WILL START: May 1, 1982

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Includes rows for 9-5/8ths" and 6 1/2" hole sizes.

Federal Drilling Bond No. 72-0130-60-78 (USF&G)

RECEIVED

APR 29 1982

DIVISION OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zones and proposed new productive zone.

SIGNED: Frank B. Adams, Operator. DATE: March 2, 1982

(This space for Federal or State office use)

APPROVED BY: E. W. GUYNN, DISTRICT OIL & GAS SUPERVISOR. APPROVAL DATE: APR 1982

See Instructions On Reverse Side CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

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

Identification CER/EA No. 211-82

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

NEPA CATEGORICAL EXCLUSION REVIEW

SALT LAKE CITY, UTAH

APR 15 1982

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

PROJECT IDENTIFICATION

Operator Frank Adams
Project Type Oil & Gas well - Development
Project Location 210' EX 1460 Feet Sec 12 T20S R21E
Well No. H-341 Lease No. U-26341
Date Project Submitted 3-8-82

FIELD INSPECTION

Date 4-7-82

Field Inspection
Participants

Craig Hansen MMS-Denver
Elmer Ducom Blm-Moab
Paul Brown
Frank Adams - Adams Drilling

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.

4-12-82
Date Prepared

Craig Hansen
Environmental Scientist

I concur

APR 16 1982
Date

W. W. Mauter FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR
District Supervisor

Typing Out _____

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 Front idem
4-341.

1. Production facilities will be painted to Blend In with the natural surroundings.
2. trash cage will be used and removed upon completion of drilling operations.
3. Location will be moved 50' ^{south} to accommodate drilling program.
4. access road will be changed per attached map.
5. Location will be rotated 180° to accommodate drilling program.
6. 20' Buffer ^{of vegetation} will be left on East Edge of location to prevent erosion.
7. topsoil will be placed on the north. Edge of the location.
8. operator will adhere to BLM surface stipulations.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO

3109
U-26341
(U-068)

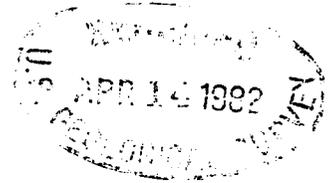
APR 12 1982

Memorandum

To: Minerals Management Service
Oil & Gas Operations
P. O. Box 1037
Vernal, Utah 84078

From: Area Manager, Grand

Subject: Permit to Drill (APD) U-26341
Adams 4-341
Section 12, T. 20 S., R. 21 E.
Grand County, Utah



On April 7, 1982 a representative from this office met with Cody Hansen, MMS, and Frank B. Adams for an inspection of the above referenced location. Subject to the attached conditions and written approval from MMS, 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: (4)
1-Reclamation Procedures
2-Seed Mixture
3-Suggested Colors - Production Facilities
4-Class III Road Standards

ADDITIONS TO THE MULTIPOINT
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.
5. Improvement to the existing road will be necessary. The total disturbed width allowed will be as is.

New road construction will be limited to an allowable travel surface width of 18 feet. For construction design and survey refer to class III road standards attachment.

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.

6. Location: changes as follows; rotate 180 degrees, shift south 50 feet, topsoil on north east side, access from south and leave 20 feet buffer on east side between wash and pad.
7. The top 10 inches of soil material will be removed from the location and stockpiled separate from the trees on the northeast side of the location. Topsoil along the access will be reserved in place.
8. 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" lifts, machinery compacted, and sufficiently wide for equipment to pass over.
9. 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 36 inch woven wire with one strand barbed wire on top.

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 10 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be (broadcast/drilled) 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 two times the pounds/acre on the enclosed seed list.
8. Waterbars will be used on all sloping surfaces as shown below:

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

9. After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent any vehicle use.

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. A trash cage will be used for trash and hauled to a sanitary land fill. No burning will occur without a permit from the State Division of Forestry and Fire Control office in Moab.

SEED MIXTURE

<u>Species</u>		<u>Rate</u> <u>lbs/acre</u>
<u>Grasses</u>		
Elymus salinus	Salina wildrye	1
Hilaria jamesii	Galleta (Curlygrass)	1
Oryzopsis hymenoides	Indian ricegrass	1
<u>Forbs</u>		
Sphaeralcea coccinea	Scarlet globemallow	1
<u>Shrubs</u>		
Eurotia lanata	Winterfat (Whitesage)	<u>1</u>
	Total	5

Broadcast seed will be applied at double the above rate.

Seeding will be done in the fall of the year (Oct. - Dec.)

Frank B. Adams

OIL OPERATOR

March 2, 1982

716 WILSON BUILDING
CORPUS CHRISTI, TEXAS 78476

512-884-9004

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

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ne nw 12 - 20s - 21e SLB&M
Federal Oil & Gas Lease U-26341
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See Paragraph 23 of 9-331 C

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- | | |
|------------------------------------|--|
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| 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

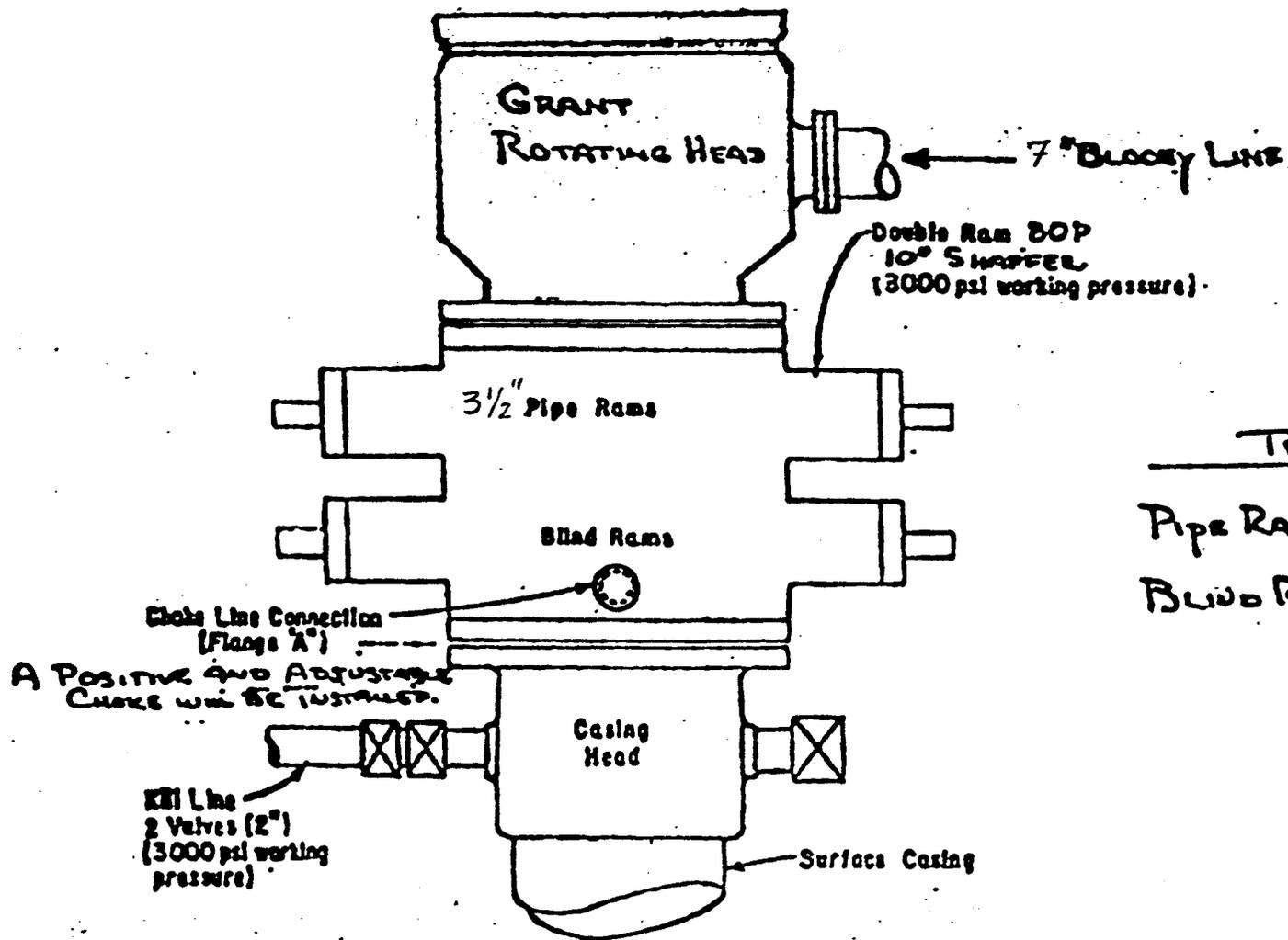
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10. Anticipated starting date and duration of operations

On or about July 1, 1982. Area not open to drilling until after march 31st due to its location in the Horse Pasture winter deer range. Once commenced the entire drilling operation will not exceed two weeks.



TESTING FREQUENCY
 Pipe Rams: Daily
 Blind Rams: Every Trip

BLOWOUT PREVENTION DIAGRAM

Frank B. Adams No. 4-341
 ne nw 12-20s-21e SLB&M
 Grand County, Utah

Federal Lease No. U-26341

Frank B. Adams

OIL OPERATOR

716 WILSON BUILDING
CORPUS CHRISTI, TEXAS 78476

512-884-9004

March 3, 1982

Re: Frank B. Adams No. 4-341 (U-26341)
ne nw 12-20s 21e SLB&M
Greater Cisco Area, Grand County, Utah

Surface Use Plan (NTL-6)

1. Existing roads

- a. Proposed location shown on attached plat - Exhibit "A"
- b. Frank B. Adams No. 4-341 is located approximately 16 miles west of Cisco, Utah out the Cunningham Ranch road.
- c. An established service road serving Supron's Nos. 1 and 2 goes past the proposed location about 300' to the west. This road is color coded on Exhibit "A" and detailed on attached Exhibit "B".
- d. This well is classified as a development well.
- e. Existing roads within a one mile radius are shown on Exhibit "A" and operator will follow this road to the point of leaving same to the proposed location.
- f. The existing road is unimproved native dirt roads maintained by Supron for their operations and this operator will assist in maintenance during his drilling operations.

2. Planned access road

Leave Supron road at a point 400' west of the location. The route is flagged and would require no cuts or fills and the road would be bladed 16' wide and no more than 3" deep in native soil. There are no gates or fences along the proposed access road. The proposed location has natural drainage.

3. Location of existing wells

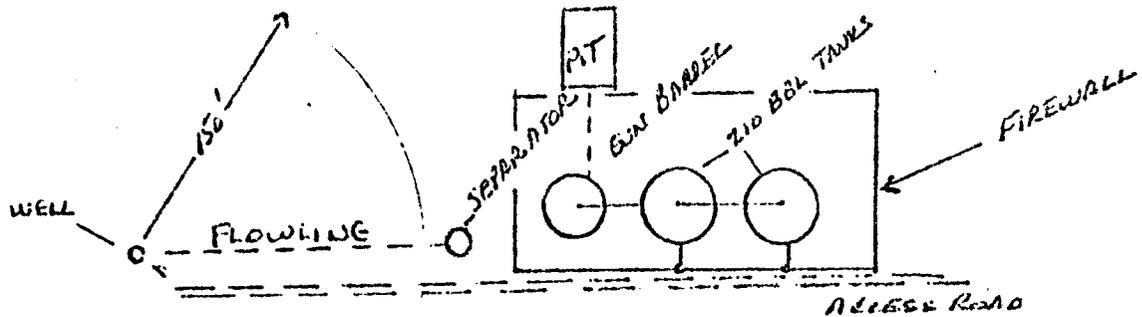
- a. Exhibit "A" shows there are 3 gas wells within a one mile radius of the proposed location.
- b. There are no water wells in the area.

4. Location of existing and/or proposed producing facilities

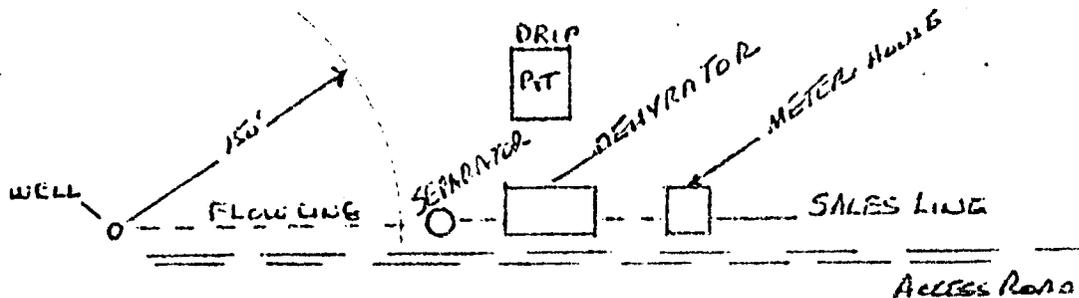
- a. Operator does not own or control any facilities within a one mile radius of the proposed location.

b. N/A

- c. In the event of oil production, a producing facility as shown below will be constructed on the edge of the pad. Storage tanks will be welded 210 barrel steel connected by a catwalk and overflow lines. 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 wall 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:



In addition to the facilities shown above, pits and tanks will be fenced to turn livestock common to the area.

- d. 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 smoothed after drilling operations are concluded, not to exceed thirty days. The whole area will be stabilized with reseeding during October and November.
5. Location and type of water supply
- a. Water to be used for the drilling of the above noted well will be obtained from a slump in a creek bed located on land owned by the Cunninghams in Section 15 (See Exhibit "A"). Mr. Cunningham sells water to the various drilling contractors in the area and my contractor, Starnier Drilling Company has an arrangement to buy water at a certain price per load.

- b. This water will be transported by an 80 barrel water truck owned by Starner over existing roads to the location. This test will be air drilled and the water requirements probably will not exceed 200 barrels.
- c. Since there is little subsurface water in this area there are no plans to drill a water well on the lease.

6. Source of construction materials

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

7. Methods of handling waste disposal

- a. Cuttings - returns from air drilling will be exhausted into a pit at the end of the exhaust line, with dust being controlled by injecting a mist into the exhaust line. After operations are completed, the pit will be back filled and covered. This pit will be located at least 125' from the wellhead.
- b. Drilling fluids - to be contained in two 10' x 20' steel mud tanks. A reserve pit will be dug to contain any excess flow from the well that might occur during drilling, cementing and/or completion operations. The pits will be back filled after operations are completed except those needed in connection with the production of oil or gas. If pits are too wet to back fill, they will be fenced until such time as they are filled. Pits to be used in connection with production will be fenced.
- c. Produced fluids, such as oil and water - oil will be properly stored in tanks erected for that purpose and water will be diverted into a pit and be disposed of as required by the amounts involved. NTL-2B will be followed in the disposition of produced fluids.
- d. Sewerage - a chemical toilet will be provided on the location for use by personnel.
- e. Garbage and other waste material - a 10' x 10' x 6' trash pit will be constructed and surrounded by small mesh wire for use as a burn pit. Empty drums will be on location to contain loose trash before burning.
- f. Well site clean up - well site and pad will be properly cleaned up and restored to a smooth contour when operations are completed and drilling rig is moved off location. This task will occur within 30 days after

the pad is cleared. The only part of the pad that will be kept in use is that associated with producing facilities. In the event of a dryhole, only the required dryhole marker will remain.

8. Ancillary facilities

There will be no field camp nor is an airstrip required for this operation.

9. Well site layout

- a. A plat on a 1" = 50' is attached to this plan as Exhibit "C" which shows the following:
 1. Cross-section of drill pad is not shown since the rise in elevation is nil and no cuts or fills will be required to set up the rig.
 2. Location of mud tanks, reserve pit, burn pit and trash pit shown, as well as pipe racks, living facilities and soil stockpile.
 3. Rig orientation, parking areas and access road is also shown.
 4. Pits shown are unlined.

10. Plans to restore the surface

- a. Upon completion, the entire pad not needed to produce the well will be restored, including backfilling and leveling of pits, waste disposed of and spoils material segregated, if required. The pad will then be contoured to its original contours.
- b. If the well is abandoned, the pad and access road will be revegetated and rehabilitated during the month of October or November as required by the BLM.
- c. Any remaining pits will be fenced and maintained after the location is cleared if the well is productive.
- d. If there is any oil on the pits, it will either be removed by truck or covered, then the pits will be flagged on the surface.
- e. Commencement and completion of rehabilitation operations will be completed during the month of October or November, weather permitting.

11. Other information

- a. This location is located on a level area between a series of washes and hills. The surface is raw Mesa Verde shale with some scattered boulders and sparse vegetation, consisting of some sage and cedar brush. Lack of ground cover limits this area to a few coyotes, deer and cottontails.
- b. From time to time, the surface is leased to cattlemen for grazing purposes by the BLM.

- c. The proximity of water has been noted in Paragraph 5 above. The nearest occupied buildings (dwellings) are located at the Cunningham Ranch headquarters, some two to three miles to the west.
- d. There are no known archeological, historical or cultural sites in the area. The surface management is under the jurisdiction of the Moab District of the BLM.

12. Operators representatives

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

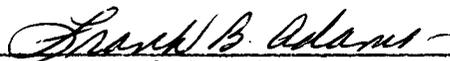
(512) 884-9004

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

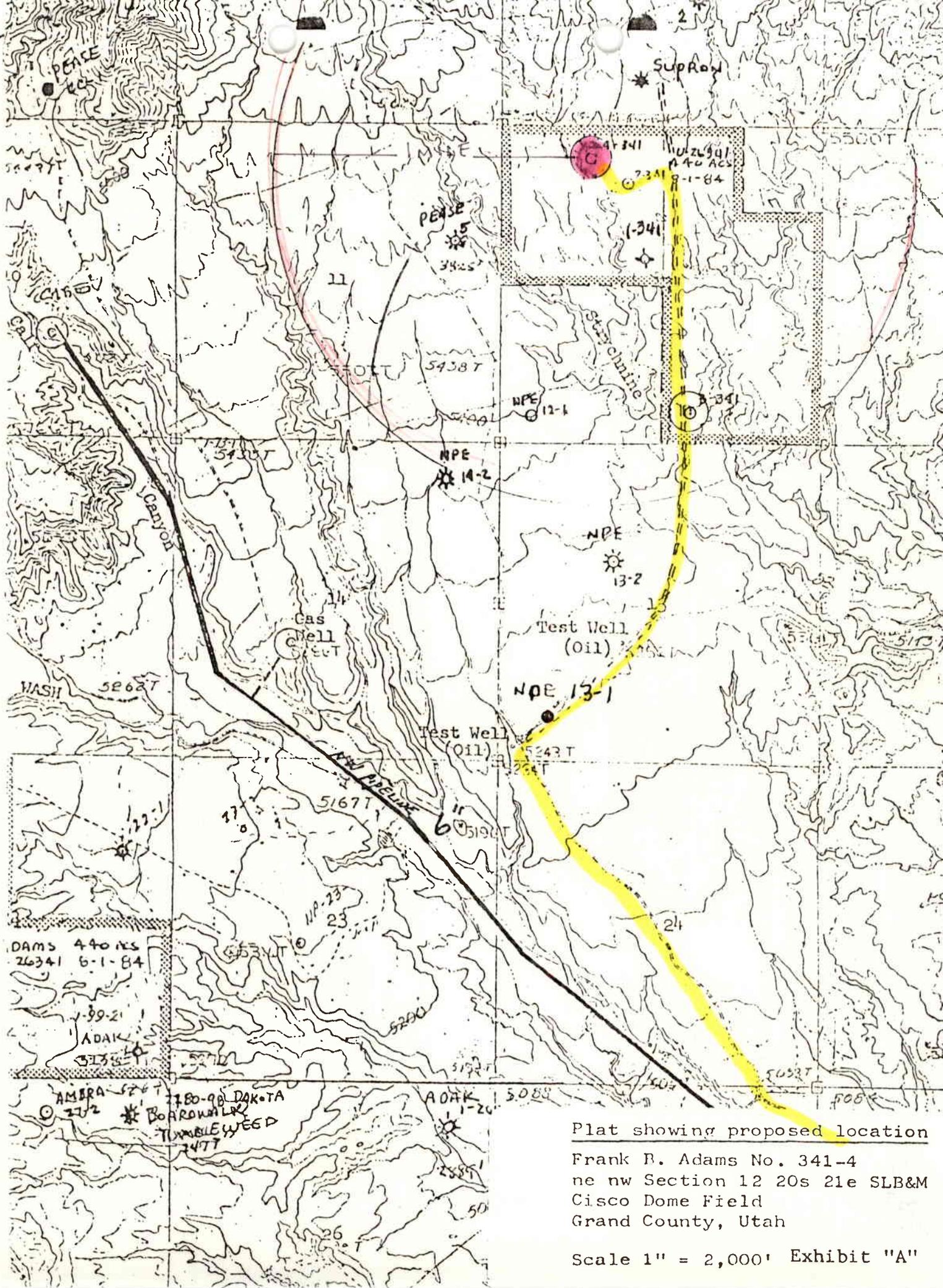
(303) 858-3481

13. Certification

I hereby certify that I was present when the location was surveyed and selected the proposed access road route; 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 here will be performed by Frank B. Adams and his contractors and subcontractors in conformity with this plan and the terms and conditions under which it might be approved.



Frank B. Adams



Plat showing proposed location
 Frank B. Adams No. 341-4
 ne nw Section 12 20s 21e SLB&M
 Cisco Dome Field
 Grand County, Utah
 Scale 1" = 2,000' Exhibit "A"

Township 20 South - Range 21 East

Supra

1-F1

Frank B. Adams Lessee
Federal Lse U-26341

4-341



440' Access

2-341



Adams 1-341



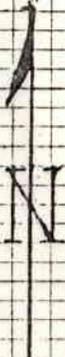
U - 02140

3-341



USA Surface and Minerals

SUPRA ACCESS ROAD



Specs for road:

1. Width - 16' max
2. NO grade necessary
3. No turnouts required
4. Natural drainage
5. A culvert required between Supra road and location
6. Surface material - native bladed no more than 3" deep
7. No gates or fence cut or cattle guard needed
8. Proposed road is center flagged

Detail Access Road Plat

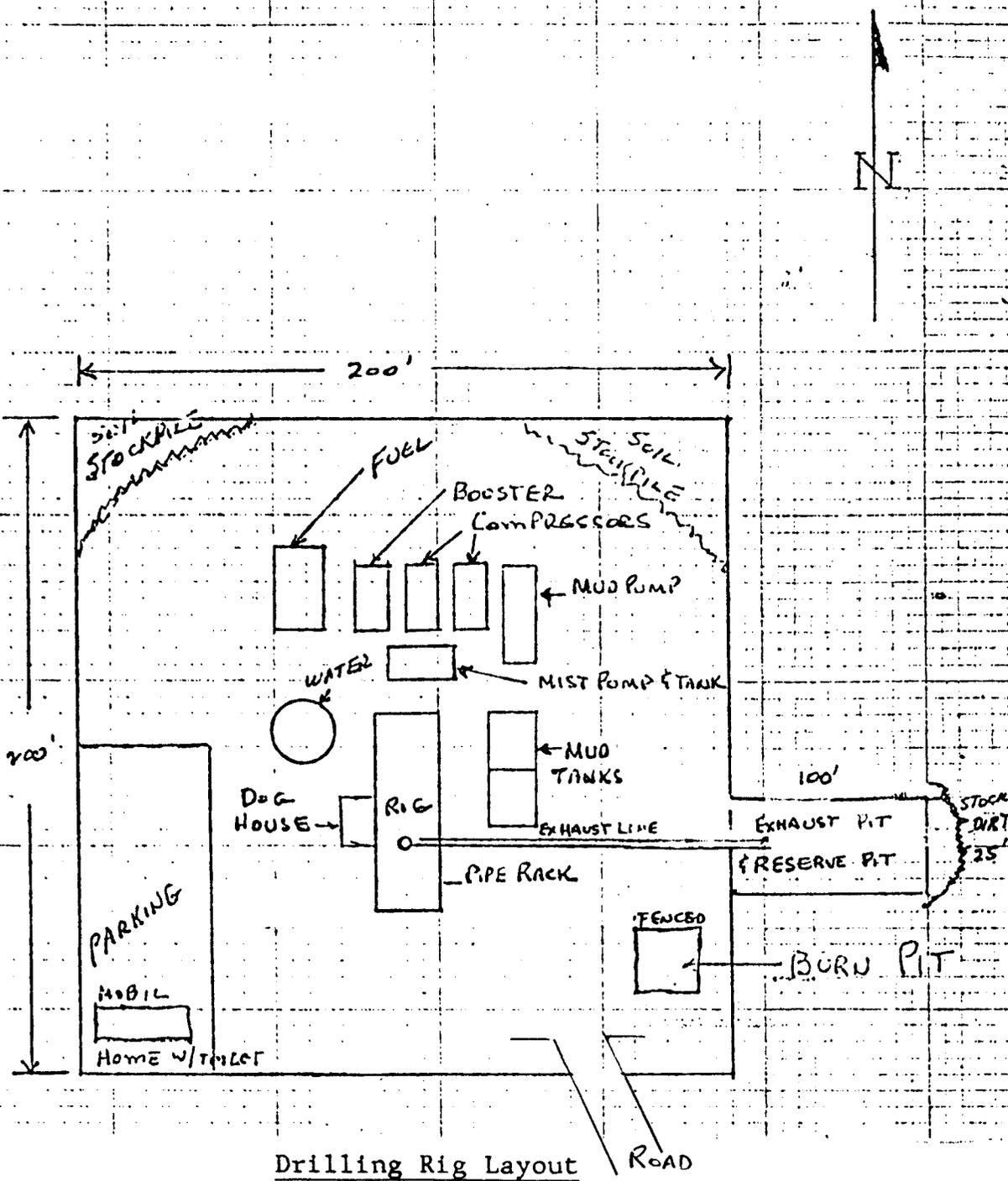
Frank B. Adams No. 4-341-
ne nw 12-20s-21e-SLB&M
Grand County, Utah

Scale 1" = 1,000'

Exhibit "B"

MADE IN U.S.A.

10 X 10 PER INCH



Starner Drilling Co. Rig No. 3
 P. O. Box 1868
 Grand Junction, CO 81502
 Scale 1" = 50'

Frank B. Adams No. 4-341
 ne nw 12-20s-21e-SLB&M
 Grand County, Utah
 Federal Lease U-26341
 Exhibit "C"

** FILE NOTATIONS **

DATE: 3-9-82

OPERATOR: Frank B. Adams

WELL NO: Lease # 4-341

Location: Sec. 12 T. 205 R. 23E County: Grand

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43 019-30932

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per order issued on Case 102-39

Administrative Aide: OK as per order below

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 102-39 1/28/82

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 Lease

Plotted on Map

Approval Letter Written

Hot Line

P.I.

March 11, 1982

Frank B. Adams
716 Wildon Bldg.
Corpus Christi, Texas 78476

RE: Well No. Federal #4-341,
Sec. 12, T. 20S, R. 20E,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to O/G well is hereby granted in accordance with the Order issued in Cause No. 102-39, dated January 28, 1982.

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

CLEON B. FEIGHT
Office: 533-5771
Home: 466-4455

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.

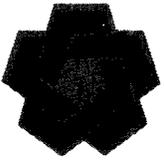
The API number assigned to this well is 43-019-30932.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/db
CC: Minerals Management Service
Enclosure



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

March 21, 1983

RECEIVED
3/24/83

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

*Please change
address to: 718 Wilson Bldg*

Re: Well No. Federal #4-341
Sec. 12, T. 20S, R. 21E.
Grand County, Utah

Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

March 29, 1983

Respectfully,

This location is in Horse Pasture winter grazing area designated by BLM and no drilling is allowed between Nov. 1 & March 31 each year. I do plan to drill this location this summer but as yet an exact date is not available.

DIVISION OF OIL, GAS AND MINING

Cari Furse
Cari Furse
Well Records Specialist

Please acknowledge.

CF/cf

Frank B. Adams
Frank B. Adams

RECEIVED
APR 01 1983

DIVISION OF
OIL, GAS & MINING

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

3140
(U-922)

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

August 5, 1983

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

Re: ✓ Rescind Application for Permit
to Drill
Well No. 4-341
Section 12-208-21E
Grand County, Utah
Lease No. U-26341

Dear Mr. Adams:

The Application for Permit to Drill the referenced well was approved on March 8, 1982. Since that date no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

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 this well is to be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

E. W. Gynn
Chief, Branch of
Fluid Minerals

bcc: BLM-Moab
State O&G ✓
State BLM
Well File
APD Control
DSD/MR Reading



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

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

August 18, 1983

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

RE: Application for Permit to Drill
Well No. 4-341
Sec. 12, T. 20S, R. 21E
Grand County, Utah

Gentlemen:

Approval of Application for Permit to Drill the above referenced well is rescinded without prejudice as of the above date in concert with action taken by Branch of Fluid Minerals.

If you intend to drill this location at a future date, a new application for permit to drill may be submitted for State approval.

Sincerely,

A handwritten signature in black ink, appearing to read 'Norman C. Stout'.

Norman C. Stout
Administrative Assistant

NS/as