

UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE  WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUR. REPORT/ABD \_\_\_\_\_

DATE FILED 7-7-80

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-26341 \_\_\_\_\_ INDIAN \_\_\_\_\_

DRILLING APPROVED: 7-9-80

SPUDDED IN:

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: Location Abandoned well never drilled Nov 10, 1981

FIELD: GTR. CISCO Theater Cisco 3/86

UNIT:

COUNTY: GRAND

WELL NO. FEDERAL #2-341

API NO: 43-019-30666

LOCATION 962' FT. FROM (N) ~~XX~~ LINE. 2106' FT. FROM ~~XXXX~~ (W) LINE. NE NW 1/4 - 1/4 SEC. 12

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

**FILE NOTATIONS**

Entered in NID file

Entered on S R Sheet

Location Map Placed

Card Indexed

IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

**COMPLETION DATA:**

Date Well Completed

Location Inspected

OW  WW  TA

Bond released

GW  OS  PA

State of Fee Land

**LOGS FILED**

Driller's log

Electric logs (No. )

E  I  E-L  GR  G-M  Micro

Lat  M-L  Sonic  Others

*See 70-11-90*

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 Building, Corpus Christi, TX 78476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface 962' fnl & 2,106' fwl Section 12 T20S R21E  
 At proposed prod. zone Same as above **NE NW**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 15 miles nnw of Cisco, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 962'

16. NO. OF ACRES IN LEASE  
 880 acres

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

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 1,028'

19. PROPOSED DEPTH  
 3,400' Entrada

20. ROTARY OR CABLE TOOLS  
 Rotary (air)

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5,478' Gr.                      5,486' KB

22. APPROX. DATE WORK WILL START\*  
 After 3/30/81

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8ths"	20#	170'	50 sx to surface
6 1/2"	4 1/2"	10.5#	3,300'	150 sx + 2% KCL

APPROVED BY THE DIVISION  
 OF OIL, GAS, AND MINING  
 DATE: 7-9-80  
 BY: M.S. Munder

**RECEIVED**  
 JUL 07 1980

DIVISION OF  
 OIL, GAS & MINING

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 July 2, 1980

(This space for Federal or State office use)

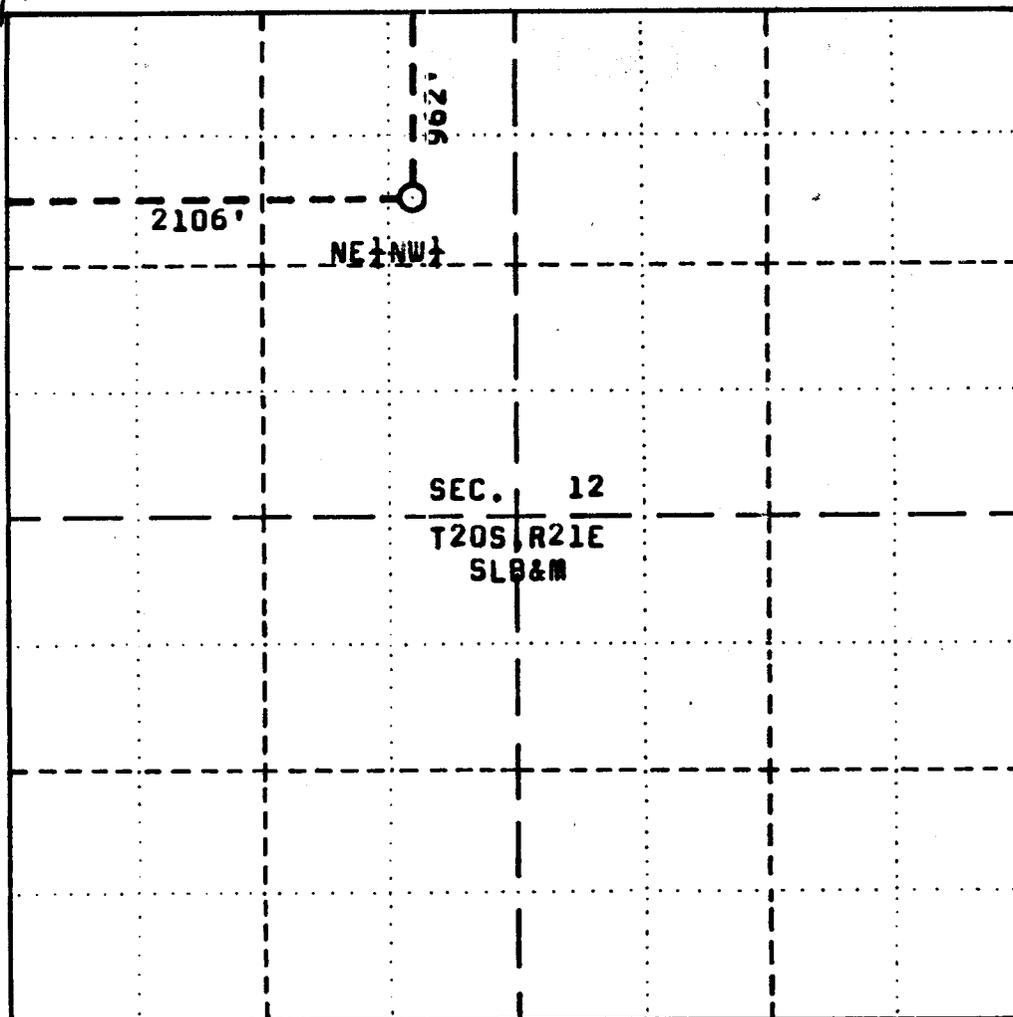
PERMIT NO. 43-019-30664 APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

2 | 1  
11



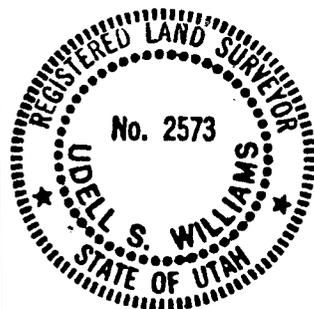
SCALE: 1" = 1000'

**FRANK B. ADAMS**  
**FEDERAL #2-341**

Located South 962 feet from the North boundary and East 2106 feet from the West boundary of Section 12, T20S, R21E, SLB&M.

Elev. 5478

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. 2-341**  
**NE 1/4 NW 1/4 SECTION 12**  
**T20S, R21E, SLB&M**

SURVEYED BY: USW DATE: 6/23/80  
DRAWN BY: USW DATE: 6/24/80

# Frank B. Adams

OIL OPERATOR

716 WILSON BUILDING  
CORPUS CHRISTI, TEXAS 78476

July 2, 1980

512-884-9004

Re: Frank B. Adams No. 2-341 (U-26341)  
ne nw 12 - 20s - 21e SLB&M  
Cisco Dome Field, Grand County, Utah

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

1. Geological name of surface formation

Mancus & Mesa Verde shales

2. Estimated tops of important geological markers

Mancus Base	2,500'	Morrison	2,710'
Dakota	2,540'	Summerville	3,195'
Cedar Mtn	2,650'	Entrada	3,245'

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

Water - Possible gravel beds down to 150'  
Oil & Gas - Dakota, Cedar Mountain, Morrison

4. Proposed casing program

See paragraph 23 of 9-331-C

5. Pressure control details ( See attached diagram )

- a. Rigan BOP 3,000 psi ( Hyd closing unit ) tested to 1,000 psi after surface casing is cemented, then daily.
- b. Grant rotating head above BOP
- c. Full shut-off gate valve on wellhead and exhaust line.

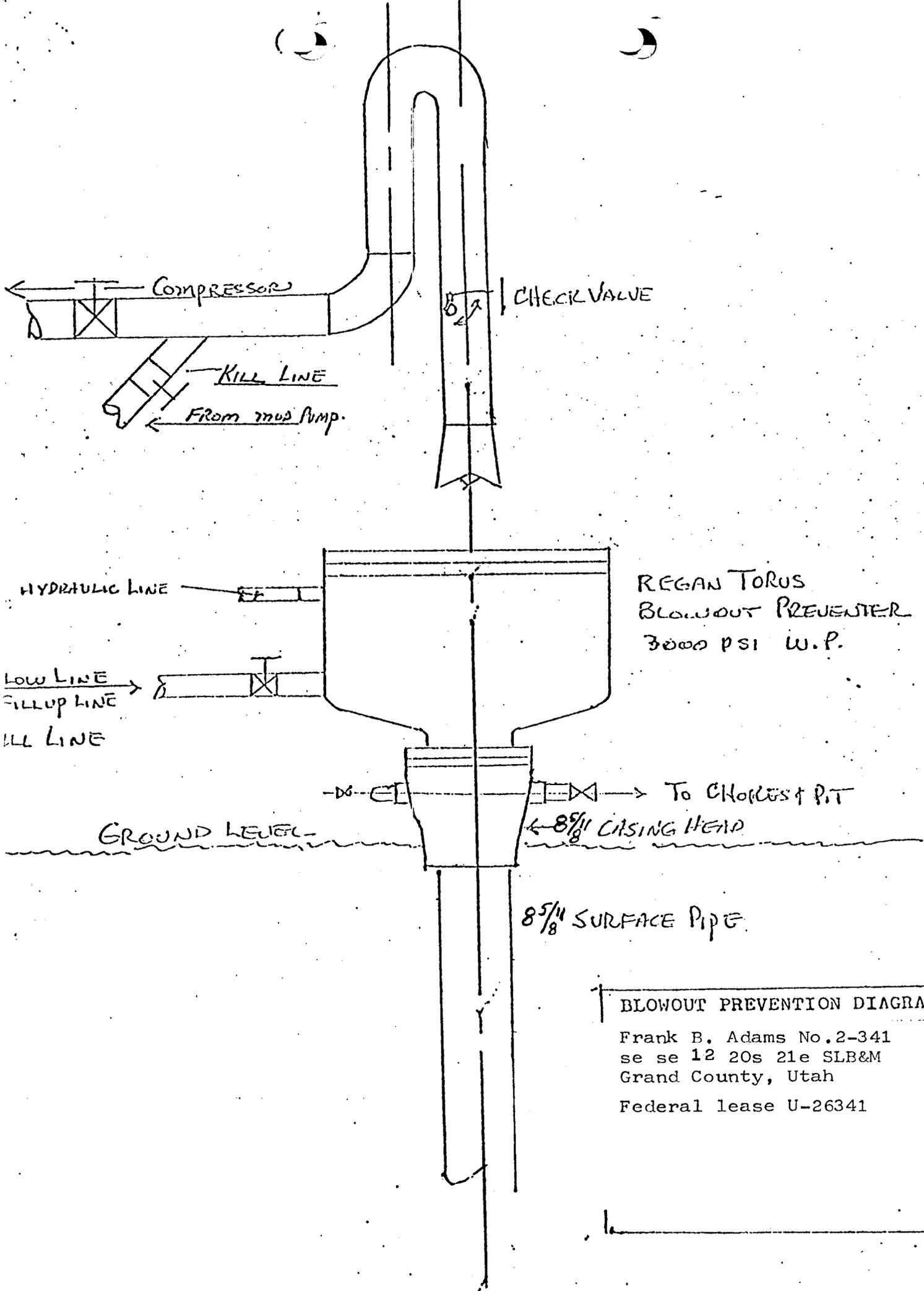
6. Drilling mud and weight material program

Operator plans to drill with air or mist to total depth, if necessary, because of water, oil or gas, mud is required the hole will be mudded up with 100 vis 8.2 to 10# starch base drilling mud with KCL added and drilled to total depth. If total depth is reached with air the hole will be mudded up for electric logging and completion. The mud described above will be mixed and ready to use before reaching the top of the Dakota.

7. Auxiliary equipment
  - a. Demco kelly cocks
  - b. Check valve at bit
  - c. Visual monitoring of mud system when in use
  - d. Sub on rig floor with full opening valve to be stabbed into drillstring when kelly is out of string.
8. Testing and logging program
  - a. Air drilled hole - no tests anticipated
  - b. Cuttings to be examined for shows of hydrocarbons
  - c. No cores planned
  - d. Dual induction log to total depth and if production is indicated a Compensated Neutron Formation Density log will be run through prospective pay zones.
9. Anticipated abnormal pressures or temperatures

No abnormal conditions expected - estimated maximum bottomhole pressure at total depth = 1,200#
10. Anticipated starting date and duration of operations

On or before May 1, 1981, since this location is in the Horse Pasture deer winter range and operations are banned between December 1st and March 31st. There is a chance of drilling before December 1st if I complete my program in Section 22 20s 21e earlier than expected.



BLOWOUT PREVENTION DIAGRAM

Frank B. Adams No. 2-341  
 se se 12 20s 21e SLB&M  
 Grand County, Utah  
 Federal lease U-26341

# Frank B. Adams

OIL OPERATOR

716 WILSON BUILDING  
CORPUS CHRISTI, TEXAS 78476

512-884-9004

July 2, 1980

Re: Frank B. Adams No. 2-341 (U-26341)  
ne nw 12-20s 21e SLB&M  
Cisco Dome Field, 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. 2-341 is located approximately 17 miles west of Cisco, Utah out the Cunningham Ranch road.
- c. A established service road serving Supron's Nos. 1 and 2 goes past the proposed location about 500' to the east. 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.
- e. 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 500' north of the location then west about 500' to avoid a deep draw, then swing south about 500' to 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. The proposed location has natural drainage,

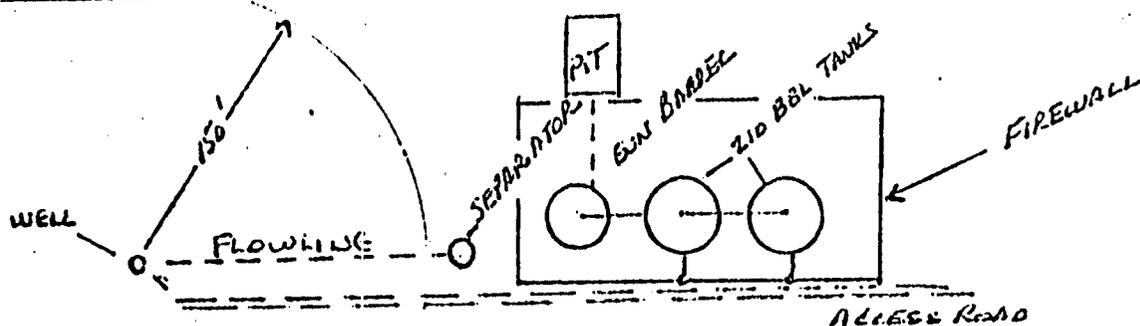
### 3. Location of existing wells

- a. Exhibit "A" shows there are 3 gas wells and 1 oil well within a one mile radius of the proposed location
- b. There are no water wells in the area.

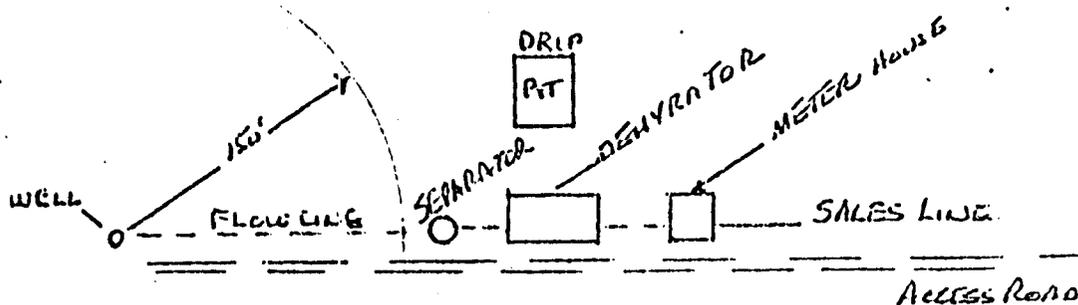
### 4. Location of existing and/or proposed producing facilities

- a. Operator does not own or control any facilities within

- a one mile radius of the proposed location.
- b. NA
- 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, Starner

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. Since this test will be air drilled, our 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 a 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 - Wellsite 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.

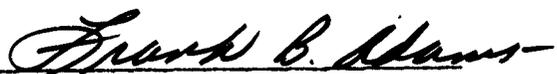
- b. From time to time, the surface is leased to cattlemen for grazing purposes by the BLM.
- c. The proximity of water has been noted in Paragraph 5 above. The nearest occupied buildings (dwellings) are located at the Cunningham Ranch Headquarters, some two to three miles to the west.
- d. There are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

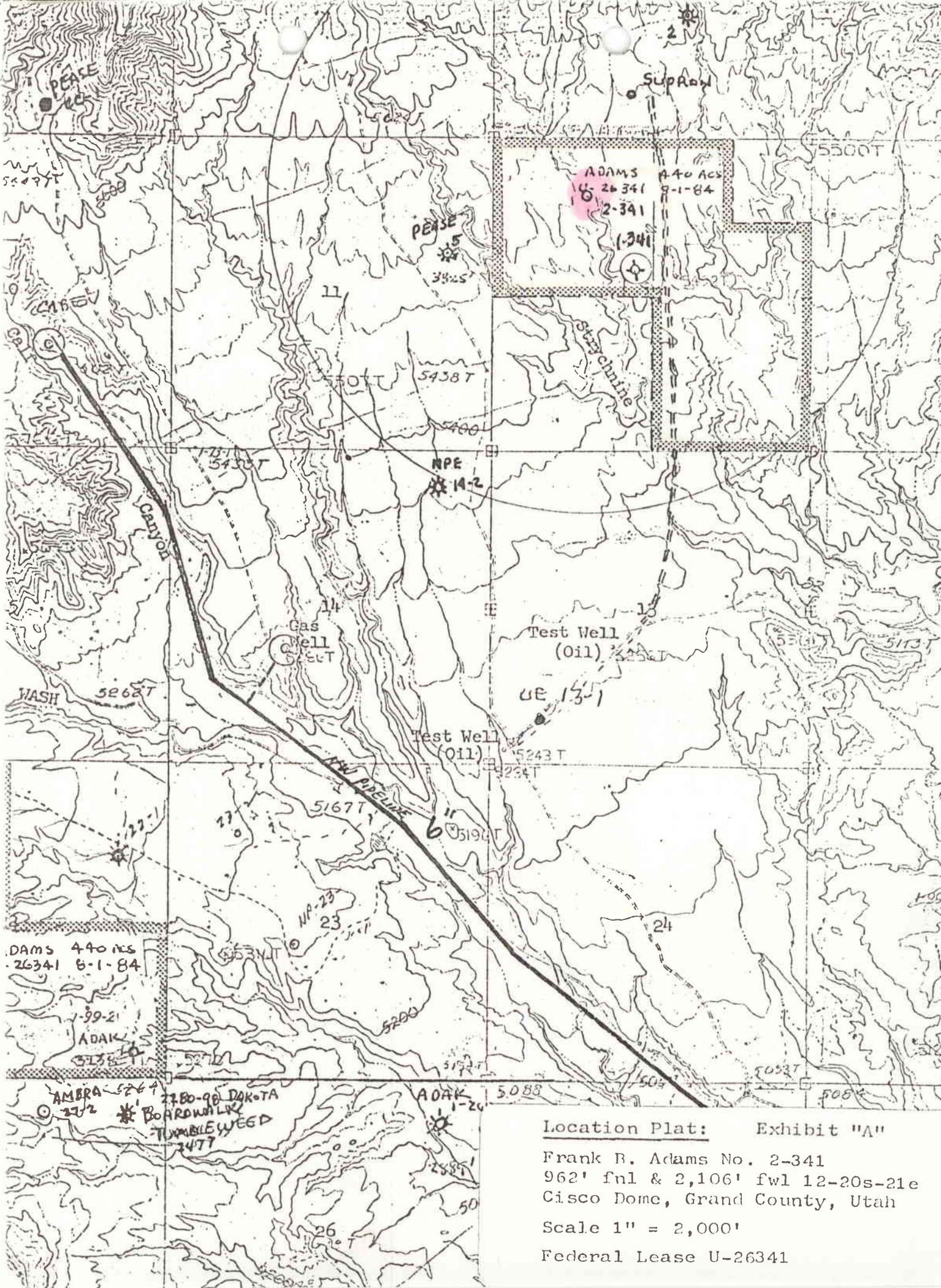
12. Operators representatives

Frank B. Adams	M. L. Oldham
716 Wilson Building	P. O. Box 1101
Corpus Christi, TX 78476	Fruita, CO 81521
512-884-9004	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



Location Plat: Exhibit "A"

Frank R. Adams No. 2-341  
 962' fwl & 2,106' fwl 12-20s-21e  
 Cisco Dome, Grand County, Utah

Scale 1" = 2,000'

Federal Lease U-26341

Township 20 South - Range 21 East

Supron  
1-21

F. B. ADAMS

W-26431

2-341

440 Acres

Adams 1-341

U - 02140

USA Surface and Minerals

Specs for road:

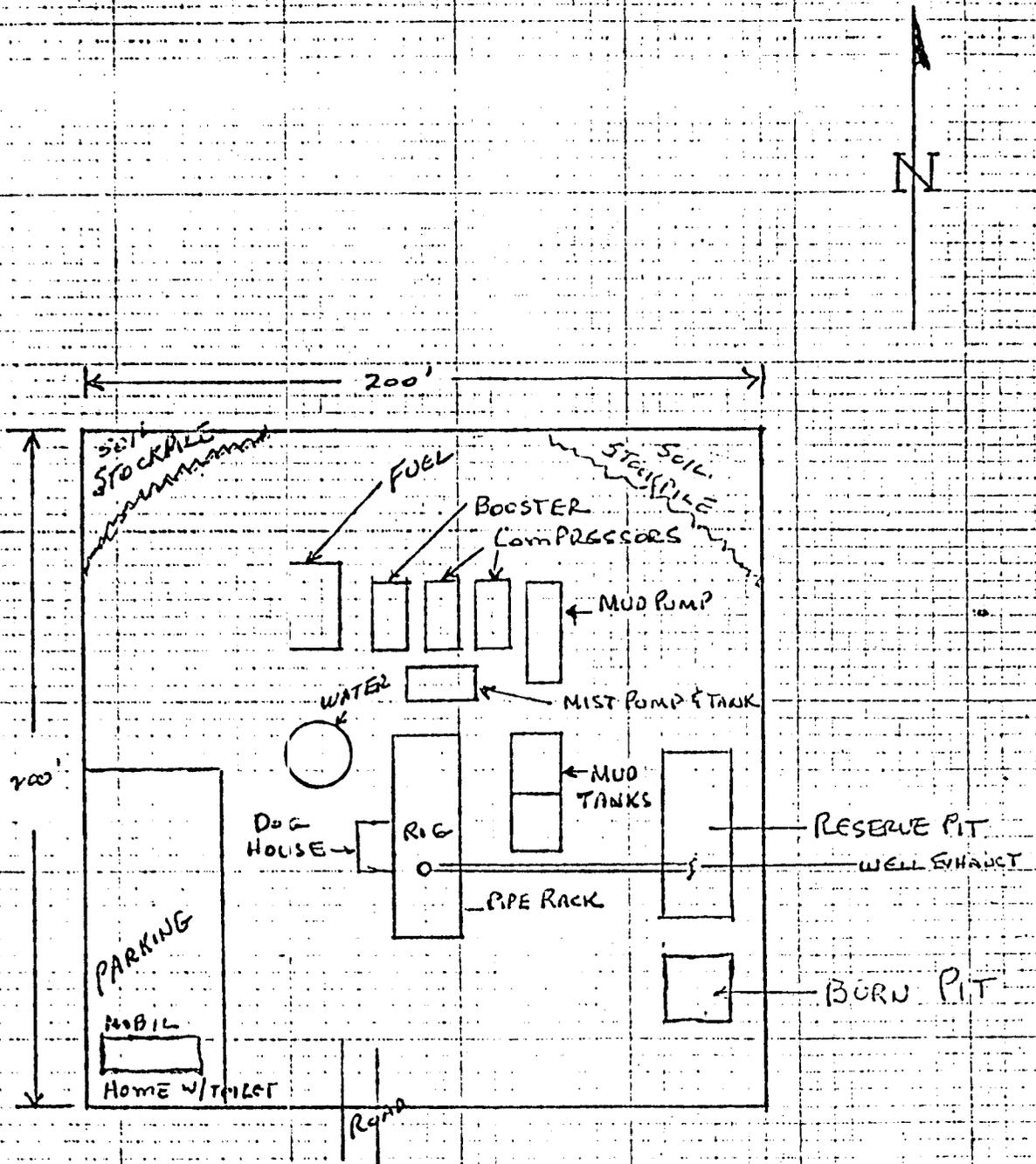
1. Width 16' max
2. No grade necessary
3. No turnouts required
4. Natural drainage
5. Arculvert required between Supron road and location
6. Surface material - native bladed no more than 3" deep
7. No gates or fence cut or cattle guard needed
8. Proposed road is center flagged

Detail Access Road Plat

Frank B. Adams No. 2-341  
 962 fml & 2,016' fwl  
 Sec 12 - 20s 21e SLB&M  
 Cisco Dome, Grand Co., UT  
 Scale 1" = 1,000'  
 Exhibit "B"

MADE IN U.S.A.

10 X 10 PER INCH



Drilling Rig Layout

Starnar Drilling Co. Rig No. 3  
 Box 1368  
 Grand Junction, CO 81501

Exhibit "C"

Adams No. 2-341

*Frank B. Adams*

OIL OPERATOR  
716 WILSON BUILDING  
CORPUS CHRISTI, TEXAS 78476

512-884-9004

July 5, 1980

Utah Oil & Gas Commission  
1588 West North Temple  
Salt Lake City, Utah 84116

Att: Mr. Michael T. Minder

Gentlemen:

Recently I mailed your office copies of four Federal permits I filed with the USGS. In your copy of the letter of transmittal, I referred to a plat showing my leases which I failed to include, although the leases are shown in Exhibit "A" of the APDs.

Enclosed herewith is the plat I referred to. Please excuse the oversight.

Sincerely yours,

*Frank B. Adams*

FBA/g

**RECEIVED**  
JUL 08 1980

DIVISION OF  
OIL, GAS & MINING



\*\* FILE NOTATIONS \*\*

DATE: July 8, 1980  
OPERATOR: Frank B. Adams  
WELL NO: Federal # 2-341  
Location: Sec. 12 T. 20S R. 21E County: Grand

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

API Number 43-019-30666

CHECKED BY:

Petroleum Engineer: M. J. Miller 7-9-80

Director: \_\_\_\_\_

Administrative Aide: OK on oil + gas well spacing  
OK on lease

APPROVAL LETTER:

Bond Required:  Survey Plat Required:

Order No. 102-16B 11/15/79 O.K. Rule C-3

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

#3

Lease Designation  2nd

Plotted on Map

Hot Line

Approval Letter Written  Wtm

P.I.

July 9, 1980

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

Re: Well No. Federal #2-341  
Sec. 12, T. 20S, R. 21E.,  
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil/gas well is hereby granted in accordance with the Order issued in Cause No. 102-16B dated November 15, 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 43-019-30666.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Petroleum Engineer

/btm

cc: USGS



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

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

CHARLES R. HENDERSON  
Chairman

CLEON B. FEIGHT  
Director

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
MAXILIAN A. FARBMAN  
EDWARD T. BECK  
E. STEELE McINTYRE

March 30, 1981

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

*SUNDAY*

Re: Well No. Federal #2-341  
Sec. 12, T. 20S. R. 21E.  
Grand County, Utah

Gentlemen:

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

This office has not recieved 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 we do not hear from your company withih fifteen (15) days, we will assume you do not intend to drill this well and action will be taken to terminate the application.) If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

FEI

DIVISION OF OIL, GAS, AND MINING

SANDY BATES  
CLERK-TYPIST

4/22/81

Permit approved by USGS 10/23/80

Operations ban 11/01/80 thru March 31, 1981

BLM Winter Deer Grazing Reserve

I do plan on drilling this location at a later date. Please bear with me.

*FBA*

Frank B. Adams

Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3884

November 10, 1981

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

Re: Return Application for  
Permit to Drill  
Well No. 2-341  
Section 12, T. 20S, R. 21E.  
Grand County, Utah  
Lease No. U-26341

Gentlemen:

The Application for Permit to Drill the referenced well was approved October 23, 1980. Since that date no known activity has transpired at the approved location. Under current District policy, application's 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 on 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. Your cooperation in this matter is appreciated.

Sincerely,

(ORIG. SGD.) W. P. MARTENS

*Sof* E. W. Gynn  
District Oil and Gas Supervisor

bcc: DCM, CR, O&G, Denver  
BLM-Vernal  
State Office (O&G)  
State Office (BLM)  
USGS-Vernal  
Well File  
APD Control