

UTAH DIVISION OF OIL AND GAS CONSERVATION

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

Location Abandoned well never drilled, application received by U.S.G.S. on January 14 - 1982

DATE FILED 6-1-78

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. U-37360 _____ INDIAN _____

DRILLING APPROVED: 6-13-78

SPUDED IN:

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: L.A. well never drilled 1-14-82

FIELD: Agate 3/86 Greater Cisco

UNIT:

COUNTY: Grand

WELL NO. Federal #1-360

APT. NO: 43-019-30446

LOCATION 1650' FT. FROM (N) ~~W~~ LINE, 2310' FT. FROM (E) ~~W~~ LINE. NW SW NE⁷ ¼-¼ SEC. 17

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
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20S 24E 17 GEORGE W. GRAHAM, INC.

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned
Card Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed
..... WW..... TA.....
..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... MI-L..... Sonic.....
CBLog..... CCLog..... Others.....

Frank B. Adams
Oil Properties
716 Wilson Building
Corpus Christi, Texas 78401
May 26, 1978

Re: George W. Graham, Inc.
Nos. 1-360 & 2-360
nw Sec 17, T20S, R24E
Federal U-37360
Grand County, Utah

~~The District Engineer
U. S. Geological Survey
8440 Federal Building
Salt Lake City, UT 84138~~

Dear Sir:

Enclosed in triplicate are two Form 9-331 C " Application to Drill" the above noted wells.

Federal Lease U-37360 in recorded in both of our names and since George W. Graham, Inc. is to be the Operator I have attached a " Designation of Operator" in favor incase it is required.

I have a \$ 25,000 Statewide Drilling Bond of record and George W. Graham, Inc.'s Bond should be in your hands by this time.

Attached to the Form 9-331 C is all of the supporting information required by NTL-6. Kindly review the enclosed and advise.

Respectfully submitted,

Encl: 2 originals and 4 copies

cc: State of Utah O&GCC ✓
George W. Graham, Inc.
Al Wadzeck

Frank B. Adams



Al Wadzeck

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
 George W. Graham, Inc. (U-0142200)

3. ADDRESS OF OPERATOR
 400 First-Wichita National Bank Building
 Wichita Falls, Texas 76301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 1,650' fnl & 2,310' fel
 At proposed prod. zone Section 17, Twn 20 S, Range 24 E
 Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Seven (7) miles nne of Cisco, Utah

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 330'

16. NO. OF ACRES IN LEASE
 160.0

17. NO. OF ACRES ASSIGNED TO THIS WELL
 10 acs(oil)-160 acs (gas)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 None

19. PROPOSED DEPTH
 1,650'

20. ROTARY OR CABLE TOOLS
 Rotary (air)

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4,582' Gr. 4,592' KB

22. APPROX. DATE WORK WILL START*
 60 days

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-5/8ths"	7" *	20#	120'	40 sks to surface
6 1/2"	4 1/2" **	9.5#	1,650'	100 sks + 2% KCL

* 7" will be new, 20# K-55 8R ST&C - R-3
 ** 4 1/2" will be new 9.5# K-55 8R ST&C - R-2

Supplement to 9-331 C attached as required by NTL-6
 Surface use plan attached
 Designation of Operator attached
 Seven point pressure control plan w/schematic of BOP equipment attached

State of Utah, Department of Natural Resources
 Division of Oil, Gas, and Mining
 1588 West North Temple
 Salt Lake City, Utah 84116



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 W.I. PARTNER DATE May 26, 1978

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Daniel J. Newquist ACTING DISTRICT ENGINEER DATE _____
 CONDITIONS OF APPROVAL, IF ANY: (Orig. Sup.) E. W. C. [unclear]

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

NOTICE OF APPROVAL

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

USUAL ENVIRONMENTAL ANALYSIS

Operator: George W. Graham, Inc. Well Name & No.: 1-360
Location: 1550' F N L & 2310' F E L Section 17, 20S 24E SLB & M
County: Grand State: Utah Lease No.: U-37360
Field: S. Agate Field Unit: _____ Well Type: Oil and Gas

Date Inspected: July 10, 1978

Inspector(s): Howard Lemm

Title(s): Petroleum Engineer

Prepared by: Howard Lemm

Billings, Montana

Other Agencies or Representative Concurrence:

Rocky Curnutt BLM Yes

Major Federal Action Under NEPA No

The following participated in a joint inspection of the proposed wellsite and access road.

NAME:	REPRESENTING:	TITLE:	STATIONED IN:
Howard Lemm	USGS	Petroleum Engineer	Billings, Montana
Rocky Curnutt	BLM	Natural Res. Spec.	Moab, Utah
Frank B. Adams	Graham	Agent	Corpus Christi, Texas

Proposed Action:

Operator Name: George W. Graham, Inc.

Lease Number: U-37360

Well Name & No.: 1-360

Location: 1550' FNL & 2310' FEL Sec. 17 20S 24E (moved to avoid telephone lines)

Location moved from: 1650 FNL & 2310 FEL Section 17, 20S 24E SLB & M

Changes in access road: No Changes were made.

Surface ownership: Federal

Date Application filed: May 30, 1978

Objectives (oil and gas , proposed depth, zone, etc.): This is an oil and gas test of primarily the Morrison and Salt Wash formations. Total depth will be 1650'.

Time frame: Drilling would begin approximately the first of August and would last 10 days.

Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans have been reviewed and are on file in the USGS District Office in Billings, Montana, and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with The Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements. Written concurrence of the surface managing agency is on file.

Environmental considerations of this proposed action have been categorized into six parameters. These are: geology, soils, air, water, fauna and flora, and socio-economics and land use.

The following is a breakdown of these parameters with emphasis given to those considerations of special significance to this proposed action.

Geology:

Regional Physiography: Primarily flat, with some gentle rolling hills. The location is flat.

Surface Geology: Mancos shale

Potential Producing Zones and Depth: Morrison at 1250'; Salt Wash at 1520'.

Major Geologic Hazards: None

Seismic Risk: Minor

Other Mineral Development in Area: None in the immediate area, other than oil and gas.

Soils:

The soil is primarily made up of decomposed Mesa Verde shale, and is a sandy-loam.

Air:

Meteorology:

Temperature Extremes: -10⁰F to 115⁰F

Annual Precipitation: Approximately 6"

Wind: Primarily from the south-west.

Toxic or noxious gases that may be encountered: None are anticipated.

Air Quality:

During the life of the project, but primarily during the drillings, dust levels and exhaust pollutants would increase. It is not expected that any long lasting, detrimental reduction in overall air quality would result from the proposed action.

Water:

Nearest Permanent Water or Significant Drainage: Cisco Springs is approximately 6 miles to the west.

Water Wells in Area: None in the immediate area.

The potential for spills, leaks, and related accidents would be present. However, a berm will be used to prevent spill-related damages in situations where drainages border the location. The pits will be unlined while drilling. If the well is producer, and water disposal is involved, the operator must apply under USGS regulation NTL-2B for approval of whatever method he chooses for disposal of the produced water.

The operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans contain further information on protection of both the surface and subsurface waters of the area.

Fauna and Flora:

Area Wildlife: Coyotes, rabbits, small rodents and various
desert birds.

Vegetation: Vegetation is very sparse consisting of sagebrush
and scattered native grasses.

Known Endangered and/or Threatened Species of Plants or Animals:
None are known to exist in the area.

Animals and vegetation of the area would be disturbed for the life of the project. If the project was to produce hydrocarbons, adjustments in habitat occupancy would be expected. No significant disturbance of nesting and/or breeding areas and migration routes is expected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Socio-Economics and Land Use:

Nearest Town and Direction: Cisco, Utah is 7 miles to the south.

Nearest Dwellings and Direction: The nearest are in Cisco, Utah.

Wellsite Location in Reference to Existing Production: There is
a producing well 330ft. to the east.

Significant Area Historical, Cultural or Archaeological Sites: None
are known to exist in ^{the} the general area.

Archaeological Inspection and Clearance from: _____

Primary Land Use: Periodic livestock grazing

Area of Wellpad Disturbance: less than 1 acre.

Area of Access Road Disturbance: Approximately 330' of new access
road will be constructed approximately 20' wide.

Estimated Cut and Fill: No cut or fill is anticipated.

Area of Disturbance for Additional Producing or Treating Facilities,
(if producer): No additional disturbance will be required.

Parks, wildlife refuges or other formally designated recreation
Facilities in area: None

Method of Solid Waste Disposal: Solid wastes will be buried.

The economic and environmental impact of a single well is normally somewhat negligible. But should this well discover a significant new hydrocarbon source, local, state, and possibly national economies might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

The proposed location is within the Book Mountain Planning Unit (07). This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The EAR is on file in the agency's State offices and is incorporated herein by reference.

Alternatives to the Proposed Action:

Alternate locations, with due consideration given to environmental factors, were examined. No viable, alternate sites could be selected that were within the legal boundaries of the lease. To not allow surface occupancy is the only other alternative.

Unavoidable Adverse Environmental Effect of the Proposed Action:

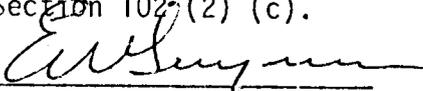
Surface scars resulting from construction work to the wellpad and access road would be visible for the life of the project and for a period of time after abandonment until rehabilitation is completed. The disturbed areas would not be available for farming or grazing purposes during the project's lifetime. Relocation of area wildlife would be anticipated. Possibilities for spills and resultant erosion would exist, and a certain amount of air pollution from dust and exhaust fumes would also occur, as would an increase in noise levels. However, it is not anticipated that any of these adverse effects would cause a significant,lasting degradation of the environment.

Controversial Issues and Conservation Division Responses:

None were received.

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(c).

District Engineer: 
Salt Lake City, Utah

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

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-37360OPERATOR: George W. Graham, Inc.WELL NO. #1-360LOCATION: ¼ sw ¼ ne ¼ sec. 17, T. 20 S., R. 24 E., SLMGrand County, Utah

1. Operator predicted stratigraphy and predicted hydrocarbon zones are adequate? yes
If not, USGS predictions are:

2. Fresh water aquifers probable below surface casing? no .

3. Other probable leasable minerals? no .

4. Are hazardous fluids or gases likely? no .

5. Are abnormal conditions of pressure or temperature likely? no .

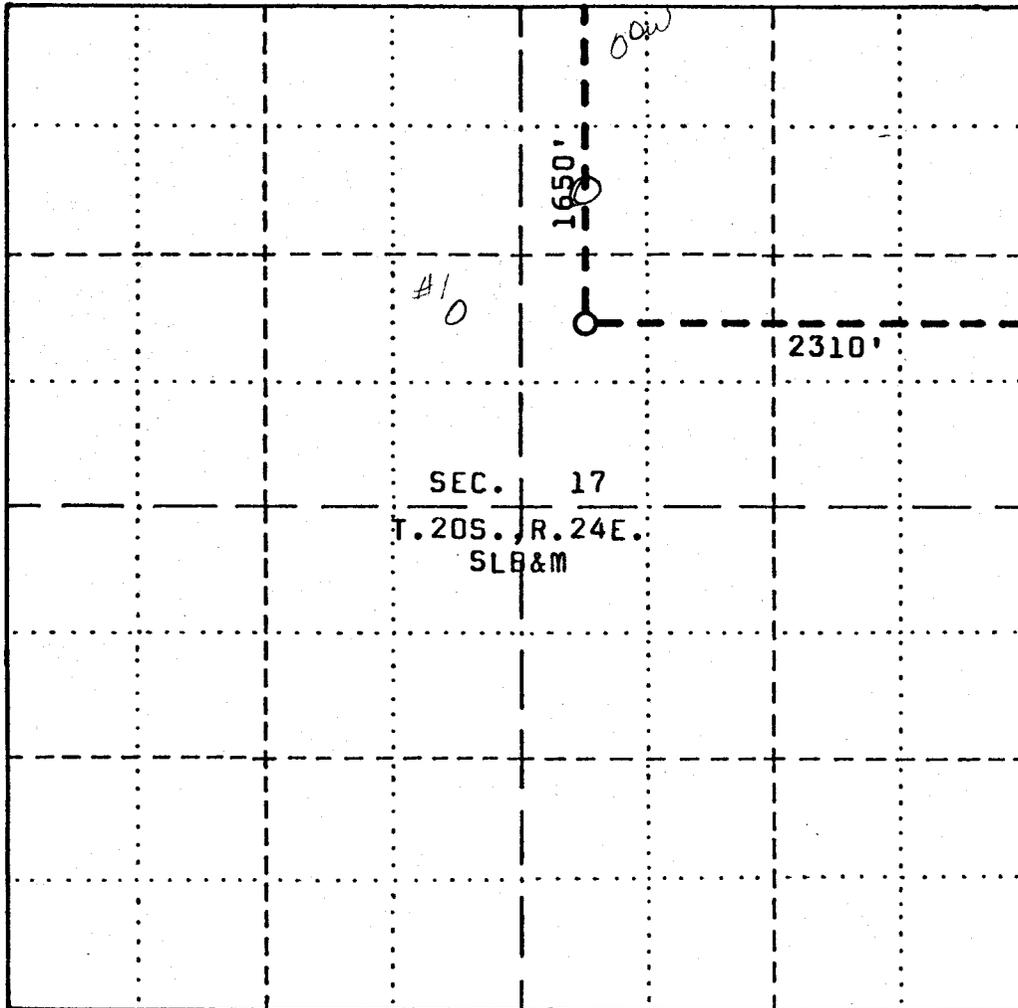
6. Will any strata penetrated need special mud, casing, or cementing beyond that proposed in the APD? no .

7. Is additional logging or sampling needed? no .

8. References - remarks: USGS Files, Salt Lake City, Utah, USGS Map I-736

Is location within 2 miles of a KGS? yes .

Signature: James B. KohlerDate: 06 - 09 - 78



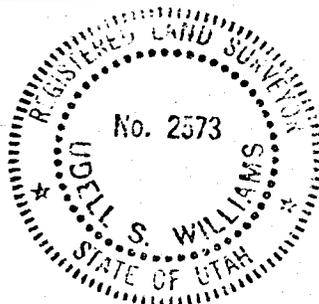
SCALE: 1" = 1000'

GEO. W. GRAHAM, INC. NO. 1-360

Located South 1650 feet from the North boundary and West 2310 feet from the East boundary of Section 17, T.20S., R.24E., SLB&M.

Elev. 4582

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

UTAH R. L. S. NO. 2573



UDELL S. WILLIAMS
751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION
GEO. W. GRAHAM, INC.
#1-360
SW $\frac{1}{4}$ NE $\frac{1}{4}$ S17, T20S, R24E, SLM

SURVEYED BY: USW DATE: 5/23/78
DRAWN BY: USW DATE: 5/23/78

DESIGNATION OF OPERATOR

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

DISTRICT LAND OFFICE: Salt Lake City
SERIAL NO.: U-37360

and hereby designates

NAME: George W. Graham, Inc.
ADDRESS: 400 First-Wichita National Bank Building
Wichita Falls, Texas 76301

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):

160 acres of land, more or less, being the Northeast quarter of
Section 17, Township 20 South, Range 24 East, SLB&M

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.

Frank B. Adams
.....
(Signature of lessee)

||| Frank B. Adams
716 Wilson Bldg.
Corpus Christi, TX 78401
.....
(Address)

MAY 26, 1978
.....
(Date)

Frank B. Adams

Oil Properties

715 Wilson Building

Corpus Christi, Texas 78401

May 26, 1978

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

George W. Graham, Inc. No. 1-360 - 1,650' Salt Wash test

1. Geological name of surface formation

Mancus shale

2. Estimated tops of important geological markers

Base of Dakota silt	-	1,040'
Dakota		1,085'
Morrison		1,250'
Salt Wash		1,520'

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

Water - Possible surface gravel beds to 100'
Oil - Morrison and Salt Wash formations
Gas - Dakota, Morrison and Salt Wash formations

4. Proposed casing program

See 9-331 C

5. Pressure control details

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

6. Drilling mud and weight material program

Operator plans to drill with air or mist to total depth. If formation water, oil and/or gas is encountered the hole will be mudded up with 100 vis 3.2 - 10# starch base drilling mud with KCL added and drilled to total depth. Same procedure to be followed if drilled to total depth with air to prepare for logging. Mud will be mixed and ready for use before reaching the base of the Dakota silt.

7. Auxiliary equipment

- Demco kelly cocks
- Check valve at bit
- Visual monitoring of mud system

d. A sub on the rig floor with full opening valve to be stabbed into drillpipe when kelly is out of string.

8. Testing and logging program

No formation tests anticipated

Cuttings to be examined for hydrocarbon shows

No cores planned

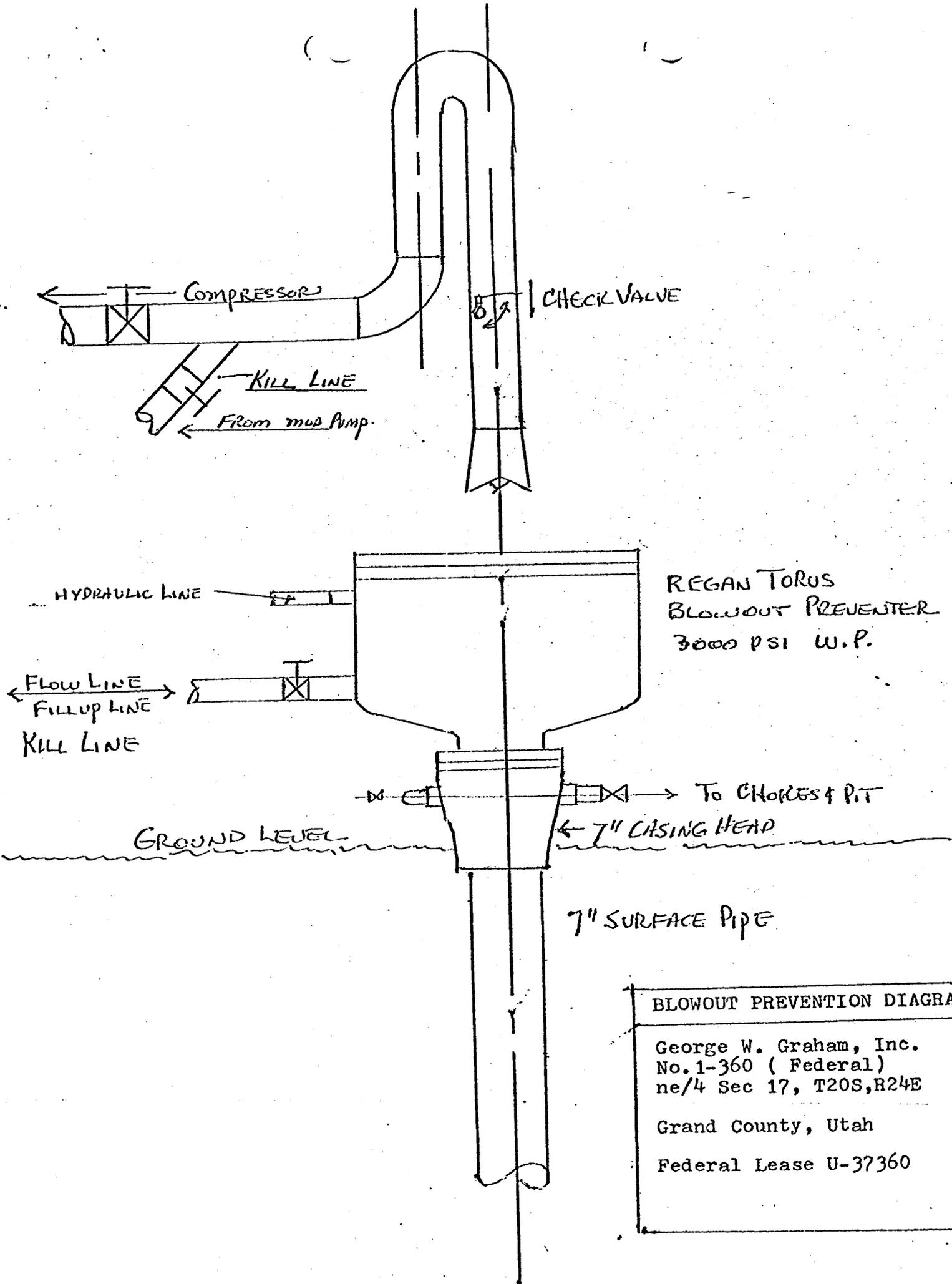
Dual induction electric log to total depth and if productive sands are indicated a Compensated Neutron-Formation Density log will be run through prospective pay zones.

9. Anticipated abnormal pressures or temperatures

No abnormal conditions anticipated - estimated BHP at total depth, if productive = 750 psi

10. Anticipated starting date and duration of operations

August 1, 1978 and ten days will cover complete operations, if a dry hole.



REGAN TORUS
 BLOWOUT PREVENTER
 3000 PSI W.P.

BLOWOUT PREVENTION DIAGRAM
 George W. Graham, Inc.
 No. 1-360 (Federal)
 ne/4 Sec 17, T20S, R24E
 Grand County, Utah
 Federal Lease U-37360

Frank B. Adams
Oil Properties
716 Wilson Building
Corpus Christi, Texas 78401

May 26, 1978

George W. Graham, Inc. No. 1-360
Federal Lease U-37360
NE/4 Section 17, T20S, R24E, SLB&M
Grand County, Utah

SURFACE USE PLAN (NTL-6)

1. Existing Roads

- a. Proposed well site shown on attached plat (Exhibit A)
- b. George W. Graham, Inc. No. -360 is located approximately 2 miles nne of the East Cisco exit on the Cottonwood Canyon Road.
- c. Access road to location color-coded and labeled on attached Exhibit "A"
- d. This location is classified as a field extention or development well.
- e. Existing roads within a 1 mile radius are shown on attached Exhibit "A". The service road to the George W. Graham, Inc. No. 1 Colorado-Utah Livestock Co. well will be used with permission of the fee owner and a new service road will go due east from the above well to the lease line and thence east 330' to the location for the No. 1-360 and thence north 660' to the location of the No. 2-360.
- f. There will be no need to improve existing road across fee land since the road is maintained on a regular basis by Operator.

2. Planned Access roads

Items 1 through 8 are included in remarks on attached plat Exhibit "C".

3. Location of existing wells (Development wells - 1 mile radius)

- a. Water wells - none
- b. Abandoned wells: (See Exhibit A)

Section 7 - 1 well	Section 16 - 3 wells
Section 8 - 2 wells	Section 17 - 3 wells
Section 9 - 2 wells	Section 20 - 1 well
- c. Temporarily abandoned wells - none
- d. Disposal wells - none
- e. Drilling wells - none
- f. Producing wells - 2 oil wells
G.W.Graham, Inc. No. 1 Col.- UT Livestock Company- Sec. 17
Pumpelly No. 5 Effie Fee - Section 8
- g. Shut-in wells - none

- h. Injection wells - none
- i. Monitoring or observation wells for other reasons - none

4. Location of existing and/or proposed facilities

- a. Operator owns oil well on adjoining fee lease and in addition to wellhead and pump jack there is a 110 bbl welded crude oil tank next to well. Other than that Operator does not own or control any other facilities within a 1 mile radius of the proposed location.
- b. In the event of oil production a tank battery consisting of two 210 barrel crude oil tanks, and if necessary a separator, will be constructed on the pad. Oil will be removed by tank truck as produced. Tanks will be welded steel and connected by a steel catwalk. All surface equipment will be painted "desert tan" to conform with the BLM regulations.
In event of gas production - Producing facilities will be installed by either the operator or Northwest Pipeline depending on the size of the gas reserves. Gas facilities in either case will consist of a meter run and other facilities that might be required to produce and market the production. Those facilities will be located on the pad and details of construction of any gathering lines and other producing facilities will be presented for BLM approval when a right-of-way permit is applied for to connect to the sales line.
Complete protective measures, such as fences, will be used to turn livestock and wildlife known to be in 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. All pits will be back filled and smoothed after drilling operations are concluded. If there is any delay in backfilling, fences will be erected around pits to be filled. All pits that might be required for production will be fenced.

5. Location and type of water supply

- a. Water for drilling operations will be obtained at Cisco Springs, located about six miles west of the location.
- b. Water will be transported by truck over existing roads, private, county and lease service roads.
- c. No water well is planned to be drilled 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.
- b. No Federal or Indian lands will be the source of construction material.
- c. In the event of production, a gravel pad is required for

for the tank battery, gravel will be hauled to the location by a private contractor on a F.O.B. location basis.

- d. Does not apply - no materials coming from Federal or Indian lands.

7. Methods of handling waste disposal

- a. Cuttings- Cuttings from air or mist drilling will be exhausted into a pit at the end of exhaust line, with the line being centered in the pit. After operations are completed the pit will be covered over.
- b. Drilling fluids - To be contained in two steel mud tanks. A reserve pit will be prepared to contain any excess flow out of the well during drilling, cementing and completion operations. The pit(s) will be backfilled after operations are completed unless the pits are to be used in connection with production.
- c. Produced fluids, such as oil and water - Oil will be properly stored in tanks erected for that purpose and water will be diverted to the pits and be disposed of as required by the amount involved.
- d. Sewerage- A chemical toilet will be provided on the location for use by personnel.
- e. Garbage and other waste material - Will be contained in 42 gal. drums and hauled off the location or buried in a pit. In the case of trash to be burned or buried later, a small mesh wire will enclose the pit to prevent wind from scattering the trash.
- f. Well site clean up - Well site and pad will be properly cleaned up and restored to smooth contour when operations are completed and rig moved off. Only that part of the pad required for producing facilities will be kept in use. In the event of a dry hole, only the required dry hole marker will remain.

8. Ancillary Facilities

There will be no field camps or air strips required for this operation.

9. Well site layout

A plat on a scale of 1" = 50' is attached to this plan as exhibit "D" showing:

- a. Cross-section of drill pad not shown since the rise in elevation is very gradual and no cuts or fills are anticipated.
- b. Location of mud tanks, reserve, burn and trash pits, pipe-racks, living facilities and soil material stockpiles are shown on attached exhibit "D".

- c. Rig orientation, parking areas and access road is also shown on attached exhibit "D".
- d. Pits shown are unlined and the only water that will be introduced into these pits will be fresh water used in the drilling operations.

10. Plans to restore the surface

- a. Upon completion, the entire location will be restored, including backfilling and leveling of all pits, the waste disposed of and spoils material segregated, if required. The location will then be contoured to its original contour.
- b. The pad and access road will be revegetated and rehabilitated during the month of October or November, as required by the BLM
- c. Pits will be fenced and maintained after moving rig out until clean up can be preformed.
- d. If there is any oil on the pits, it will either be removed by truck or covered and the pit 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 in a very flat area. The surface is raw Mesa Verde shale with sparce vegetation consisting of scattered sage brush. Lack of ground cover limits this area to a few coyotes and cottontails.
- b. At times the surface is leased to sheepmen for winter grazing by the BLM.
- c. The proximity of water has been noted on paragraph 5 above, which is Cisco Springs. The nearest occupied buildings (dwellings) are located in Cisco, Utah, some seven miles south of the location. There are no known archeological, historical or cultural sites in the area.

The surface is under the jurisdiction of the Moab District of the Bureau of Land Management.

12. Operators Representative

Al Wadzeck
P. O. Box 503
Greenriver, UT 84525

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

801-564-3570

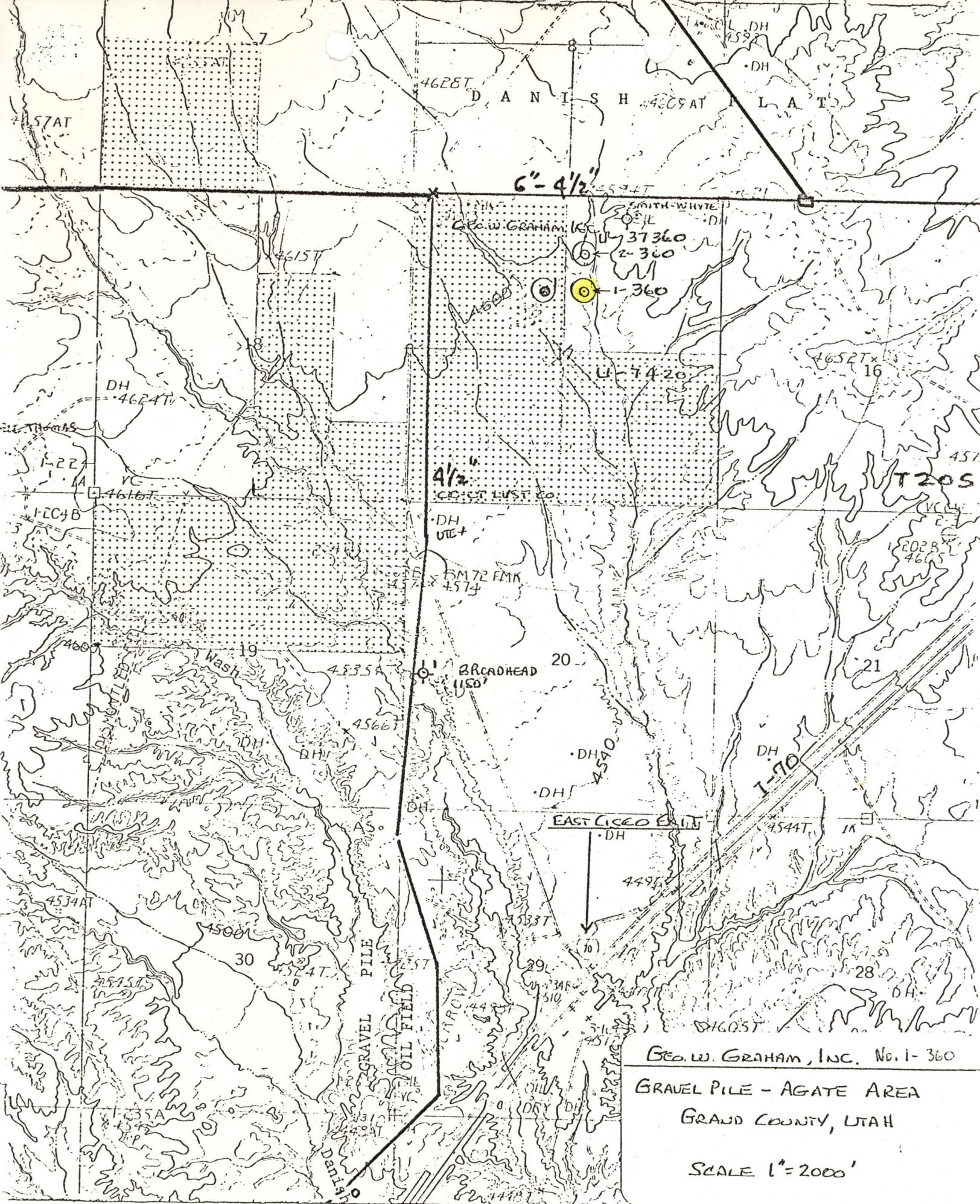
512-884-9004

13. I hereby certify that I or persons under my direct supervision have inspected the proposed drillsite and access 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 herein will be performed by George W. Graham, Inc. and his contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

George W. Graham, Inc.

By: *Frank B. Adams*
Frank B. Adams, Agent

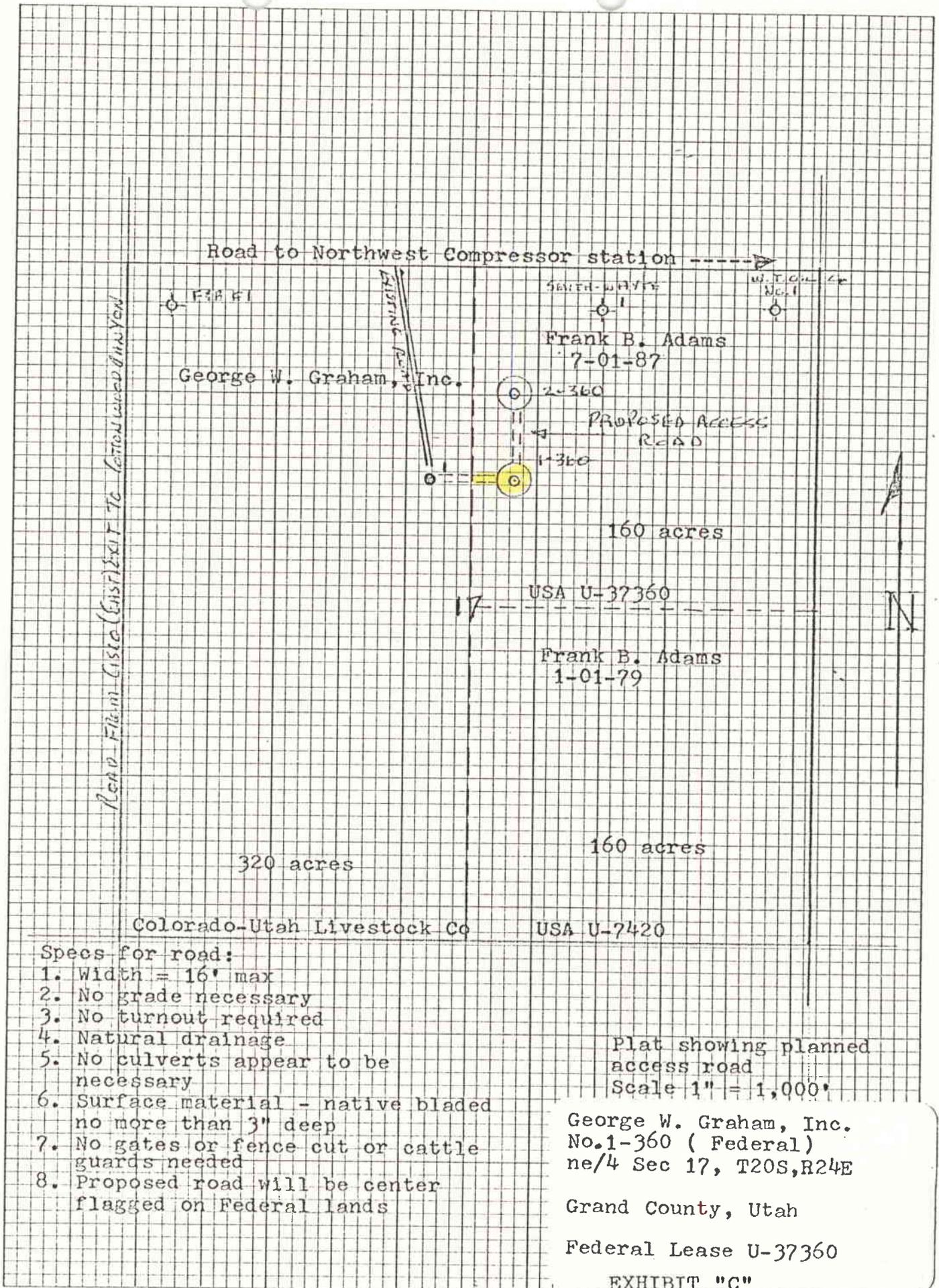
May 26, 1978



GEO. W. GRAHAM, INC. No. 1-360
 GRAVEL PILE - AGATE AREA
 GRAND COUNTY, UTAH
 SCALE 1" = 2000'

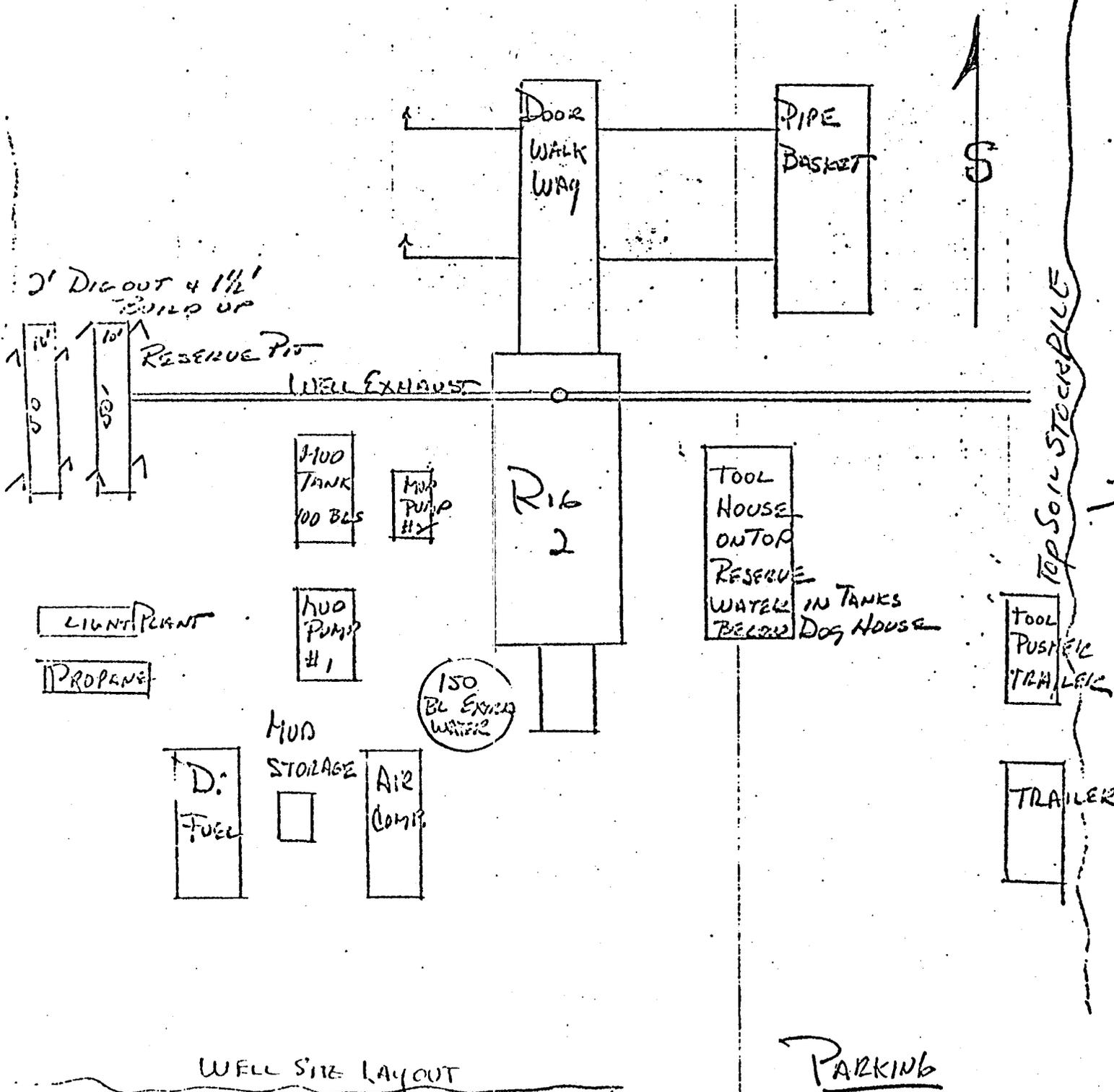
R 24E

EXHIBIT "A"



200'

TOP SOIL STOCKPILE



WELL SITE LAYOUT

JACOBS DRILLING COMPANY
 405 W MAGFIELD
 (CROSS JUNCTION CO. 81501)

EXHIBIT "D"

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: June 13-
Operator: George W. Graham
Well No: Federal 1360
Location: Sec. 17 T. 20S R. 24E County: Grand

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

API NUMBER: B 019 30446

CHECKED BY:
Administrative Assistant [Signature]
Remarks:
Petroleum Engineer [Signature]
Remarks:
Director [Signature]
Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. 1025 Surface Casing Change
to _____

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

O.K. Rule C-3 O.K. In _____ Unit

Other:

Oil Only

Letter Written/Approved

June 13, 1978

George W. Graham
400 First-Wichita National Bank Bldg.
Wichita Falls, Texas 76301

Re: Well No. Federal 1-360 & 2-360
Sec. 17, T. 20 S, R. 24 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the Order issued in Cause No. 102-5; for oil production only.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

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 numbers assigned to these wells are:

#1-360: 43-019-30446;

#2-360: 43-019-30447

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

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

July 12, 1979

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

George W. Graham
400 First - Wichita National Bank Bldg.
Wichita Falls, Texas 76301

Re: Well No. Federal 1-360
Sec. 17, T. 20S, R. 24E,
Grand County, Utah

Well No. Federal 2-360
Sec. 17, T. 20S, R. 24E,
Grand County, Utah

Well No. Federal 1-420
Sec. 17, T. 20S, R. 24E,
Grand County, Utah

Gentlemen:

In reference to above mentioned wells, 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 these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Kathy Avila

KATHY AVILA
RECORDS CLERK



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

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

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

December 4, 1979

George W. Graham
400 1st-Wichita National Bank Bldg.
Wichita Falls, Texas 76301

RE: Well No. Federal #1-360
Sec. 17, T. 20S, R. 24E,
Grand County, Utah

Well No. Federal #2-360
Sec. 17, T. 20S. R. 23E,
Grand County, Utah

Gentlemen:

In reference to above mentioned well(s), 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 (these wells), 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 within 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 well at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Debbie Beauregard
DEBBIE. BEAUREGARD
CLERK-TYPIST

GEORGE W. GRAHAM
400 FIRST-WICHITA NATIONAL BANK BUILDING
WICHITA FALLS, TEXAS
76301

RECEIVED

FEB 25 1980

DIVISION OF
OIL, GAS & MINING

February 20, 1980

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Well No. Federal #1-420
Sec. 17, T. 20S, R. 24E
Grand County, Utah

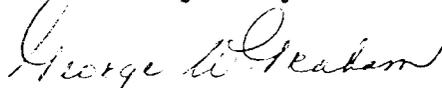
Well No. Federal #1-360
Sec. 17, T. 20S, R. 24E
Grand County, Texas

Well No. Federal #2-360
Sec. 17, T. 20S, R. 24E
Grand County, Utah

Gentlemen:

I request that an extension of time be granted until May 15, 1980 for the drilling of the captioned wells because no rigs are available until that time.

Yours very truly



George W. Graham

es

November 5, 1980

Geroge W. Graham
400 1st-Wichita National Bank Bldg.
Wichita Falls, Texas 76301

RE: Well No. Federal 1-360
Sec. 17, T. 20S, R. 24E,
GRAND COUNTY, UTAH

Well No. Federal 2-360
Sec. 17, T. 20S, R. 24E,
Grand County, Utah

Well No. Federal 1-420
Sec. 17, T. 20S, R. 24E,
Grand County, Utah

Gentlemen:

In reference to above mentioned well(s), 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 (these wells), please notify this Division. If spudding ~~has~~ any other activity has taken place send necessary forms. (If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this (these wells) 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,

DIVISION OF OIL, GAS, AND MINING

Debbie Beauregard
DEBBIE BEAUREGARD
CLERK TYPIST

PROVIDER GROUP

GEORGE W. GRAHAM
400 FIRST-WICHITA NATIONAL BANK BUILDING
WICHITA FALLS, TEXAS
76301

November 20, 1980

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Well No. Federal #1-420
Sec. 17, T. 20S, R. 24E
Grand County, Utah

Well No. Federal #1-360
Sec. 17, T. 20S, R. 24E
Grand County, Texas

Well No. Federal #2-360
Sec. 17, T. 20S, R. 24E
Grand County, Utah

Gentlemen:

In reference to your letter of November 5, 1980, we still plan to drill Well No. Federal #1-360 and Well No. Federal #2-360.

We do not plan to drill Well No. Federal #1-420.

Yours very truly

GEORGE W. GRAHAM



R. A. Moran

RAM/es

RECEIVED

NOV 24 1980

DIVISION OF
OIL, GAS & MINING



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

January 12, 1982

George W. Graham
400 1st Wichita National Bank Bldg.
Wichita Falls, Texas 76301

Re: Well No. Federal 1-360
Sec. 17, T. 20S, R. 24E
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.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

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

January 14, 1982

George W. Graham, Inc.
c/o Frank B. Adams
716 Wilson Building
Corpus Christi, Texas 78476

RECEIVED
JAN 15 1982
DIVISION OF
OIL, GAS & MINING

Re: Return Application for
Permit to Drill
Well No. 1-360
Section 17, T. 20S, R. 24E.
Grand County, Utah
Lease No. U-37360

Gentlemen:

The Application for Permit to Drill the referenced well was approved October 9, 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.) R. A. HENRICKS
Production Unit Supervisor

S/ E. W. Gynn
District Oil and Gas Supervisor

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

RAH/TM/tm



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

St. Patrick's Day

George W. Graham
400 1st Wichita National Bank Bldg.
Wichita Falls, Texas 76301

Re: Well No. Federal 1-360
Sec. 17, T. 20S, R. 24E.
Grand County, Utah
(SECOND NOTICE)

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 we do not hear from your company within 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 to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist



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

October 9, 1982

George W. Graham
400 1st Wichita National Bank Bldg.
Wichita Falls, Texas 76301

Re: Well No. Federal #1-360
Sec. 17, T. 20S, R. 24E.
Grand County, Utah

Gentlemen:

Approval to drill the above mentioned well, which was granted in our letter of June 13, 1978, is hereby terminated for failure to spud it in a reasonable period of time.

If and when you should decide to drill this well, it will be necessary for you to again obtain approval of this Division.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

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

Norman C. Stout
Administrative Assistant

NCS/cf
cc: Minerals Management Survey