

FILE NOTATIONS

Entered in NFD File
.....
and Indexed
.....

Checked by Chief
Approval Letter
Disapproval Letter

Pass
6-19-73

COMPLETION DATA:

ate Well Completed
..... WW..... TA.....
..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Miller's Log.....
Geologic Logs (No.)
..... I..... Full I Log..... GR-N..... Micro.....
..... Sonic GR..... Lat..... MI-L..... Sonic.....
CBLLog..... CCLog..... Others.....

4

PMS

L. R. ROBINSON
Natural Gas Consultant
558 North 23rd Street - Phone 242-7006
Grand Junction, Colorado 81501

January 16, 1973

Mr. Paul Burchell
State of Utah
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Dear Sir:

I am sending you the forms, plot plans and well location. We do not, at the present time, have the elevation or stake drilled in the ground but plan to in the next 8 or 9 days as soon as we can make a road into the field.

Present plans call for using Mrs. Landsdale's bond for \$25,000. which will cover USGS and also state requirements. As soon as the working agreement between Vukasovich Drilling and Mrs. Landsdale arrives, I will mail it to you immediately.

I would like to start drilling in the next two weeks. I hope all of these plots will meet the proposed 12 point program you have outlined for this well location. Beeman Drillers of Moab, Utah, will be the contractors and will be using a hydraulic blowout preventer.

If anything comes up that I have not done, let me know by phone or letter.

Sincerely,


L. R. ROBINSON

LRR:sm

cc: file

102 ~~AS~~

THE STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO. 4

10. FIELD AND POOL, OR WILDCAT

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

12. COUNTY OR PARISH Grand 13. STATE

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
Vukasovich Drilling

3. ADDRESS OF OPERATOR
558 North 23rd, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
SW 1/4, NW 1/4, Section 3, T-21-S, R-23-E, SLB & M.
 At proposed prod. zone
Endrado - Dakota - Morrison - Buckhorn. *ASUNA*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
North 8 Miles to Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. line, if any)
 16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 640
 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1800

19. PROPOSED DEPTH 1800
 20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 8 5/8" | 10" | 12# | 150' | 100% |
| 6 1/4" | 4 1/2" | 9# | 1800' | 30% |

1959' FWL & 660' FWL

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 L. P. Robinson TITLE Agent DATE 1/16/73

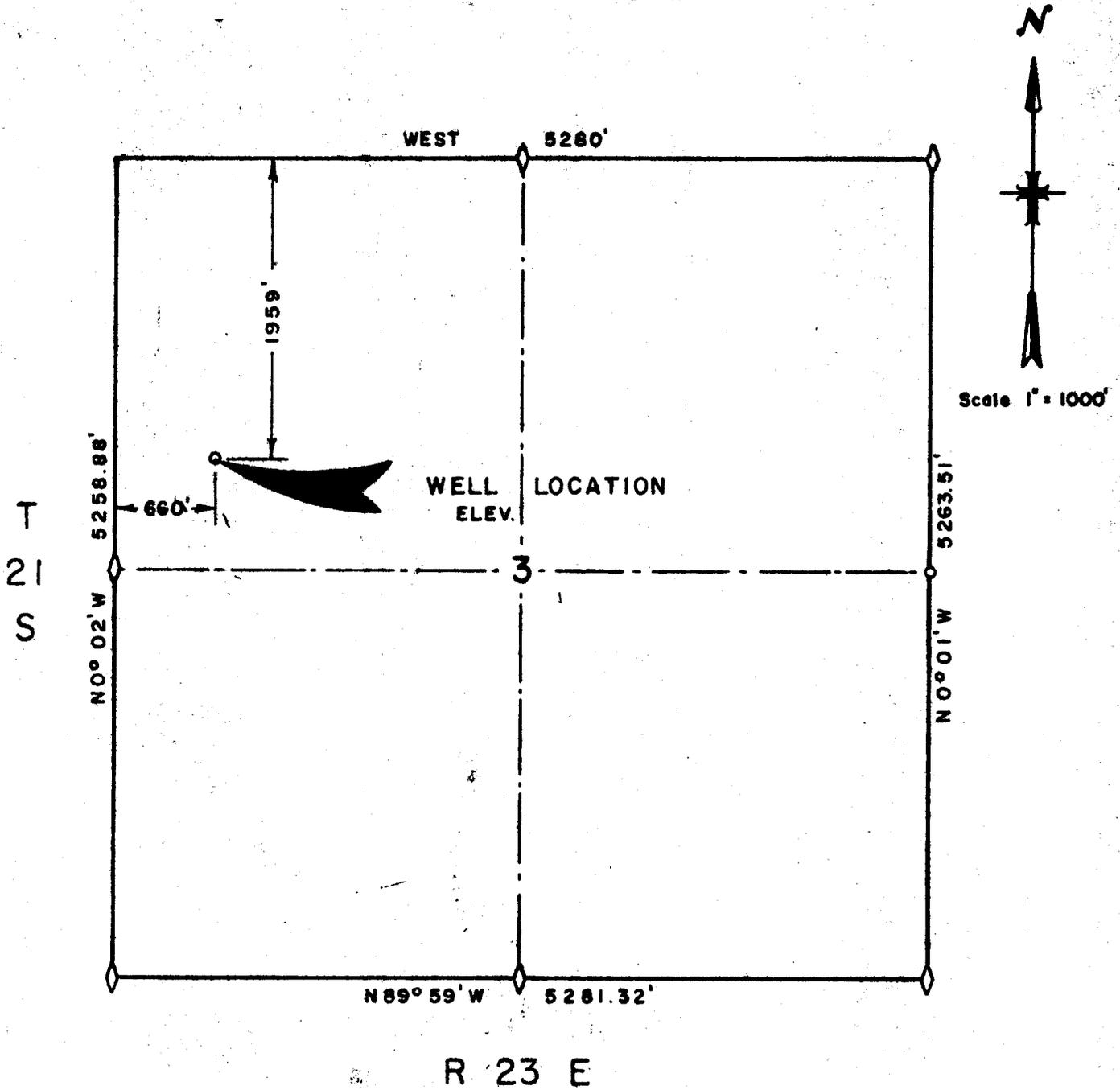
(This space for Federal or State office use)

PERMIT NO. 43-019-30/26 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION
SW 1/4 NW 1/4 SECTION 3
T21S R23E S.L.B&M.



NOTE

Location to be 100' X 100'
 Topography - Flat
 Vegetation - Sparse, desert type.

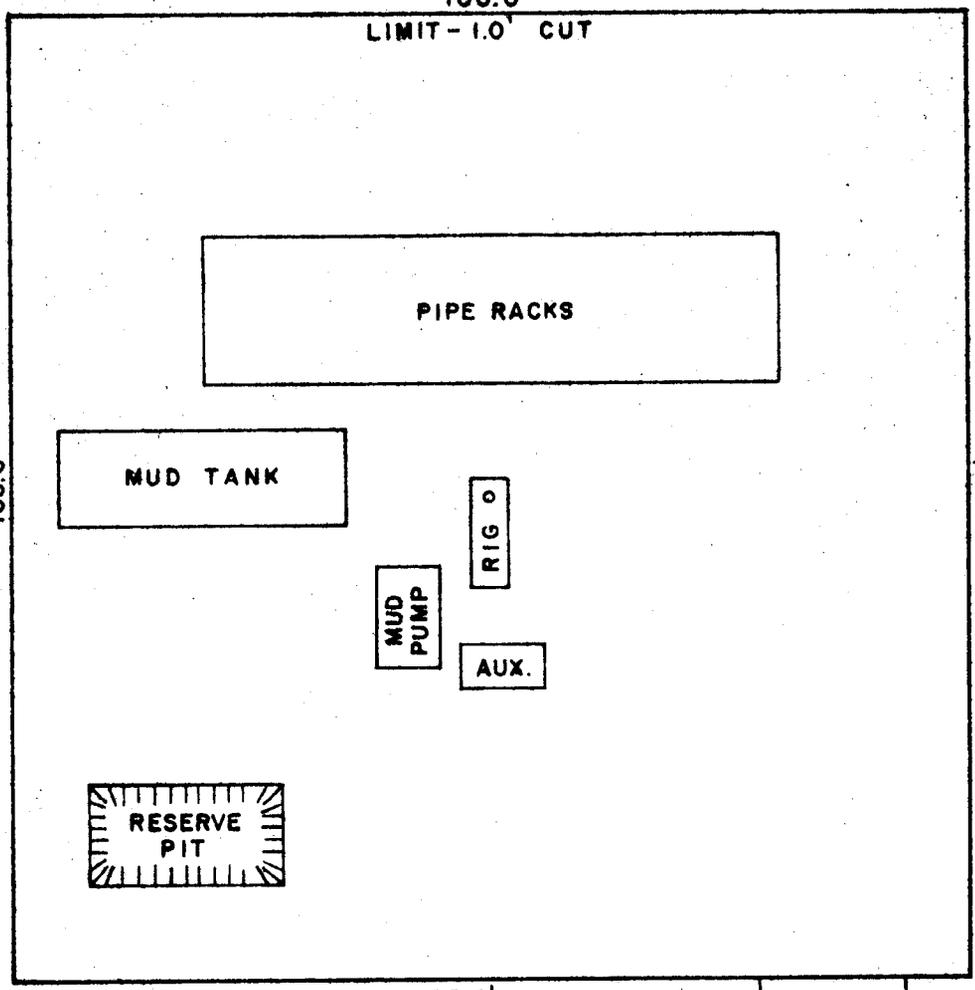
I, Richard J. Mandeville do hereby certify that this plat was plotted from available notes from other surveys. Actual surveys for location as shown and for elevations to be made when weather permits.

Richard J. Mandeville 1/6/29
 Registered Land Surveyor

| | |
|-------------------------------------|--------------|
| WESTERN ENGINEERS, INC. | |
| WELL LOCATION | |
| J. VUKASOVICH NO 4 | |
| GRAND COUNTY UTAH | |
| SURVEYED | DRAWN |
| GRAND ENGINEERS, INC. 1/6/29 | |

PHD

100.0'
LIMIT - 1.0' CUT



T
21
S



SCALE: 1" = 20'

100.0'

100.0'

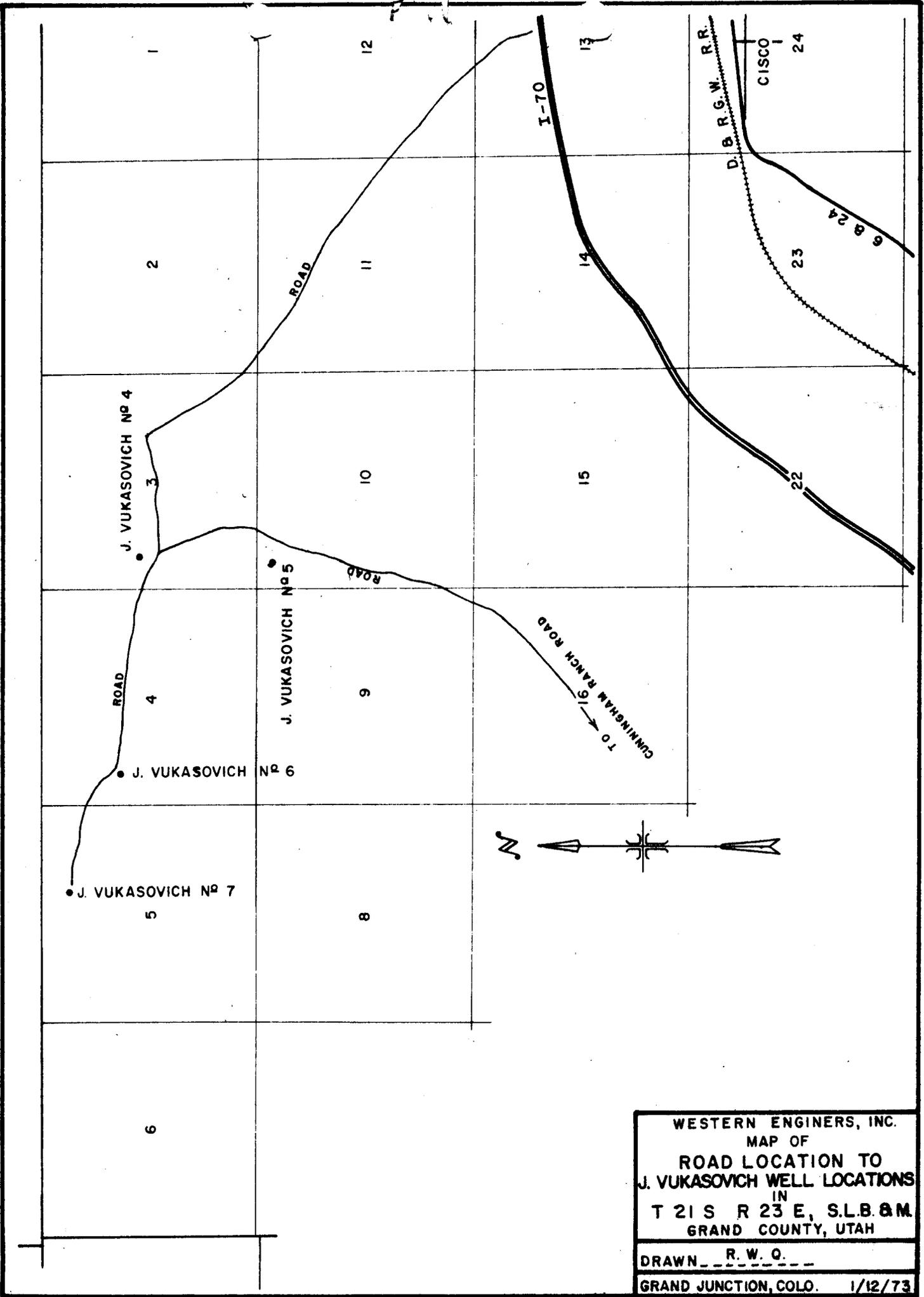
R 23 E
SW 1/4 NW 1/4 SECTION 3
S. L. B. & M.

PROPOSED
ROAD

WESTERN ENGINEERS, INC.
 PROPOSED ROAD LOCATION
 SITE LAYOUT
 TO J. VUKASOVICH NO.4
 GRAND COUNTY, UTAH

DRAWN -- *ELA* --

GRAND JUNCTION, COLO. 12/73



WESTERN ENGINEERS, INC.
 MAP OF
 ROAD LOCATION TO
 J. VUKASOVICH WELL LOCATIONS
 IN
 T 21 S R 23 E, S.L.B & M.
 GRAND COUNTY, UTAH
 DRAWN R. W. O.
 GRAND JUNCTION, COLO. 1/12/73

January 19, 1973

Vukasovich Drilling Company
558 North 23rd
Grand Junction, Colorado 81501

Re: ~~Well No's:~~
~~Federal #4,~~
Sec. 3, T. 21 S, R. 23 E,
Federal #5,
Sec. 10, T. 21 S, R. 23 E,
Federal #6,
Sec. 4, T. 21 S, R. 23 E,
Federal #7,
Sec. 5, T. 21 S, R. 23 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.

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

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

This approval terminates within 90 days if the above wells have not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with regard to the above will be greatly appreciated.

The API numbers assigned to these wells are:

| | |
|-------------|--------------|
| Federal #4: | 43-019-30126 |
| Federal #5; | 43-019-30127 |
| Federal #6: | 43-019-30128 |
| Federal #7: | 43-019-30129 |

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

cc: U.S. Geological Survey

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

January 23, 1973

Mr. L. R. Robinson
Vukasovich Drilling
558 North 23rd Street
Grand Junction, Colorado 81501

Re: Well No. 4 SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3,
T. 21 S., R. 23 E., SLM
Lease Utah 010847

Well No. 5, NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 10,
Well No. 6, SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 4,
Well No. 7 (Lot 2) NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5,
T. 21 S., R. 23 E., SLM,
Lease Utah 03759
Grand County, Utah

Dear Mr. Robinson:

This is to acknowledge receipt of your Applications for Permit to Drill the referenced wells. We also received a copy of the Operating Agreement between A. Lansdale and Vukasovich Drilling and the blank Designation of Operator dated January 11, 1973, signed by A. Lansdale. The Bureau of Land Management records indicate both leases are owned 100 percent by A. Lansdale and that A. Lansdale has an acceptable \$25,000 Statewide bond on file with the Bureau of Land Management.

I am returning all the material you filed for these wells with no action taken thereon. If you will have a bit of patience with our paperwork procedure, I will explain what I want.. In reading through the operating agreement I find two problems:

1. If the agreement is to be filed as assignment of 100 percent of the operating rights, it must be filed with the Chief, Division of Technical Services, Bureau of Land Management, Post Office Box 11505, Salt Lake City, Utah 84111, along with a \$10 filing fee and a request for approval of assignment executed by both Lansdale and Vukasovich. The operating agreement is returned herewith.

2. The time span specified in the agreement for drilling the wells could run as much as 150 days. Inasmuch as approval of the Application for Permit to Drill is only for a 90-day period before drilling actually commences, we suggest that you file each well location about 30 days before you contemplate drilling operations will actually commence. This would avoid a lot of extra paperwork of re-filing the well applications in the event you had not drilled the well within 90 days.

I have copied the blank designation of operator form signed by Mrs. Lansdale in sufficient copies for you to fill in the applicable information and return three copies to this office. I have penciled in some data on a different form to illustrate the proper preparation.

We need a written narrative of your 12-point plan along with the location plat and sketches. I have enclosed a copy of a recent plan submitted by ADAK Energy which illustrates the format you should follow. It will be necessary for you to change the terminology to fit your lease and operations. I have also included some copies of our field map which you may wish to use in illustrating existing roads and any new road construction.

I have taken the liberty of penciling in a sample Application for Permit to Drill for the No. 4 well on our form to illustrate the proper preparation of the form.

You should prepare the 12-point plan in consultation with the Bureau of Land Management personnel at Moab, Utah.

Sincerely,

(ORIG. SGD.) G. R. DANIELS

Gerald R. Daniels,
District Engineer

cc: Casper (2)
State Div. O&G Cons. /

Conservation Division
8416 Federal Building
Salt Lake City, Utah 84111

February 16, 1973

Mr. L. R. Robinson
Vukasovich Drilling
558 N. 23rd.
Grand Junction, Colorado 81501

Re: Well No. 4 Sec. 3, T. 21 S., R. 23 E., U 010847
Well No. 7 Sec. 5, T. 21 S., R. 23 E., U 03759
Well No. 6 Sec. 4, T. 21 S., R. 23 E., U 03759
Grand County, Utah

Dear Mr. Robinson:

Enclosed are your copies of the Applications for Permit to Drill the referenced wells which were approved by this office on February 16, 1973. We have not yet received the Survey Plat of the well location for Number 5.

Your surface plan is acceptable to this office with one exception. The access road you built for Nos. 4 and 5 may not fit in with the final plans for permanent all weather road construction we are now formulating. Therefore, you may be required to completely remove and reclaim any new roads you have constructed.

We appreciate your cooperation in keeping the actual drillsite construction to the minimum size consistent with safe operations.

Sincerely,

(ORIG. SENT BY AIR MAIL)

Gerald R. Daniels
District Engineer

Enclosures

cc: ✓ Div. of O&G Cons.
Casper (2)
BLM, Moab

March 29, 1973

Vukasovich Drilling Company
558 North 23rd
Grand Junction, Colorado

Re: Well No's:
Federal #4,
Sec. 3, T. 21 S, R. 23 E,
Federal #5,
Sec. 10, T. 21 S, R. 23 E,
Federal #6,
Sec. 4, T. 21 S, R. 23 E,
Federal #7,
Sec. 5, T. 21 S, R. 23 E,
Grand County, Utah

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months of January and February, 1973, for the subject wells.

Rule C-22(1), General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331), "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information.

Your cooperation relative to the above will be greatly appreciated.

Very truly yours,

Division of Oil & Gas Conservation

Scherree DeRose
Supervising Stenographer

:sd

STATE OF UTAH

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | |
|--|--|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER | | 5. LEASE DESIGNATION AND SERIAL NO. |
| 2. NAME OF OPERATOR <u>Vukasovich Drilling Company</u> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 3. ADDRESS OF OPERATOR <u>558 North 23 rd Grand Junction Colorado 81501</u> | | 7. UNIT AGREEMENT NAME |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u> | | 8. FARM OR LEASE NAME |
| 14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, OR, etc.) | 9. WELL NO. |
| | | 10. FIELD AND POOL, OR WILDCAT |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA |
| | | 12. COUNTY OR PARISH |
| | | 13. STATE |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

| | | | |
|---------------------|--------------------------|----------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | PULL OR ALTER CASING | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | MULTIPLE COMPLETE | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | ABANDON* | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | CHANGE PLANS | <input type="checkbox"/> |
| (Other) | | | |

SUBSEQUENT REPORT OF:

| | | | |
|-----------------------|--------------------------|-----------------|--------------------------|
| WATER SHUT-OFF | <input type="checkbox"/> | REPAIRING WELL | <input type="checkbox"/> |
| FRACTURE TREATMENT | <input type="checkbox"/> | ALTERING CASING | <input type="checkbox"/> |
| SHOOTING OR ACIDIZING | <input type="checkbox"/> | ABANDONMENT* | <input type="checkbox"/> |
| (Other) | | | |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Well No Federal #4 #5 #6 #7
Can Not get to Locations Bad roads

Will start drilling in 2 weeks

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

SIGNED L. R. Robinson TITLE Agent DATE 4-3-73

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

4

Robie Roberson
Reham Bros.

4/9/73

Tukarovich # 4 - Good Gas 1 3/4 MM cuft. dry

None
Delivered

1436' - Buckhan or Morrison (14 in.)
7" @ 167

13 lb / mud - pulled - Logging



L. P. Roberson

558 North 23 st.

Grand Junction

81501

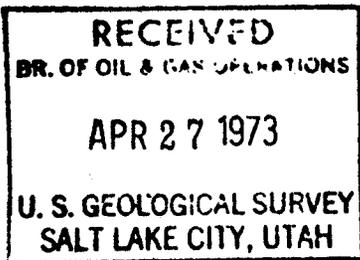


Send Copy of Order 102-5

Drill # 5 next
sec 10.

PMB

448'



J. VUKASOVICH DRILLING
558 N. 23 St.
Grand Junction, Colorado 81501

April 26, 1973

Mr. Gerald R. Daniels
8416 Federal Building
125 South State Street,
Salt Lake City, Utah 84111

Dear Sir:

J. Vukasovich Drilling, Box 1965 of Grand Junction, Colorado, wishes to make application to drill on Federal Lease # U-010847 containing 2632.44 acres located as follows: Lot 4 Sec. 5 T21S R23E SLM, SW/4 SE/4 Sec 3, T21S R23E SLM, E/2 SE/4 Sec 4 T21S R23E SLM, Lot 2, Section 4 NE1/4, NW1/4 T21S R23E SLM, Grand County, Utah.

In addition to information given in "application for permit to drill" may we submit the following information on plan of development:

1. Existing Roads: Attached copy of U.S.G.S. quadrangle shows main highways and roads leading to well locations in Sections 10, 3, 4, and 5, T21S, R23E.
2. Planned Access Roads: Cunningham Ranch Road in Section 18 and 17 and northwesterly through Section 16 and through the Southeast Corner of Section 9, thence Northerly to Well #5, lying in the NW1/4 NW1/4 Section 10, thence Northerly to Well #4, lying in the SW1/4 NW1/4 Section 3, thence Westerly to Well #6, lying in the SE1/4 NW1/4 Section 4, thence Northwesterly to Well #10 lying in Lot #2, Section 5. The Lessee agrees to upgrade the roads to any well or other improvement which is regularly maintained or inspected as directed by the District Manager's Authorized Representative if any well becomes a producer or if any improvement is needed for the sustained production of oil and gas; i.e. gauging stations, cathodic stations, etc. Such upgrading may include ditching and draining, culverts, and graveling or capping of the road bed.

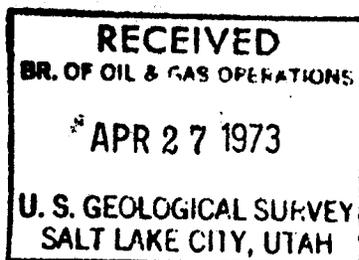
3. Location of Wells: J. Vukasovich #10 has gas wells M-2 and M-6 to the East in the S $\frac{1}{2}$ NE $\frac{1}{4}$ Section 10, D-M 3 Gas Well lies East of J. Vukasovich in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 3.
4. Lateral roads to well's location: (see attached map).
5. Location of tank batteries and flowlines: A tank battery will be set up after rig is cleared and location graded; flowlines will be laid depending on location of main trunk line,
6. Location and types of water supply: Water will be hauled from the Colorado River 10 miles to the southeast. Well will be drilled with air and air mist.
7. Methods for handling waste disposal: (see location plat layout). Liquid wastes will be temporarily allowed to stand in reserve pit; solid wastes will go to refuse pit and removed after drilling.
8. Location of camps: No camp required.
9. Location of air strip: No airstrip required.
10. Location Layout: (see plat of rig and tank layout).
11. Plans for restoration of the surface: After drilling is completed and equipment removed, surface will be filled with soil and Mancos Shale, and gravel base for tanks and driveways to production facilities.
12. Other information: Beaman Drilling Rig #2 is equipped with A.P.I. series 900 Double Ram Blowout preventers and these will be tested before drilling out under surface pipe and checked daily or when drill pipe comes out of hole.

J. Vukasovich trusts that the above drilling proposal, together with maps, charts and forms, provide necessary information to grants permit and allow us to proceed on our drilling for oil and/or gas on Vukasovich # 8, 9, 10 and 11 In Sections 3, 4 and 5 T21S R23E SLM Grand County, Utah .

Very truly yours,

L. R. Robinson

J. Vukasovich Drilling
by L. R. Robinson, Agent



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

MS

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)

| | |
|---|--|
| <p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR J. Vukasovich Drilling</p> <p>3. ADDRESS OF OPERATOR P. O. Box 1965, Grand Junction, Colorado 81501</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW 1/4, NW 1/4, Sec 3, T-21S, R-23E, SLB&M. 1959 FNL & 660' FWL Sec 3</p> <p>14. PERMIT NO.</p> | <p>5. LEASE DESIGNATION AND SERIAL NO. Utah - 010847</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME J. Vukasovich</p> <p>9. WELL NO. #4</p> <p>10. FIELD AND POOL, OR WILDCAT</p> <p>11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA SW 1/4, NW 1/4, Sec 3 T-21S, R-23E SLB & M</p> <p>12. COUNTY OR PARISH 18. STATE Grand Utah</p> |
| <p>15. ELEVATIONS (Show whether DV, RT, OR, etc.) 4481.4 GL</p> | |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|--|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) <input type="checkbox"/> | (Other) <input type="checkbox"/> |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Date spudded: 4/5/73, Date T.D. Reached: 4/7/73, Date Compl: 4/10/73
Total Depth: 1405', using Rotary tools 0-1405', Producing Intervals: 1286'-1290' Morrison, Type logs run: Dual induction; gamma density.

| casing size | weight.#ft. | CASING RECORD Depth set | Cementing Record |
|-------------|-------------|----------------------------|---------------------------------|
| 7 1/2" | 17# | 168' | Top to Bottom-54 sks, Cal 2, 3% |
| 4 1/2" | 9 1/2# | 1390' | " " 160 sks. " " " |
| 1 1/2" | | 1356' | |

Perforation record: 1286' - 1290' 4 shots per foot.
Date of Test: 4/10/73 for 6 hrs. on open flow. 1.630CFM Production for test period, with casing pressure of 600#. Mr. L. R. Robinson witnessed the test. It is a shut in gas well at present. Will run production flow when Tejas Gas Co. Purchases gas.

1,630 cuft. ?

18. I hereby certify that the foregoing is true and correct
SIGNED *L. R. Robinson* TITLE *Agent* Natural Gas Consultant DATE 5/1/73

(This space for Federal or State office use)

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

GEOLOGICAL SURVEY

LESSEE'S MONTHLY REPORT OF OPERATION

STATEMENT REGARDING SHUT-IN WELLS



Vukasovich Drilling has the indicated well(s) shut in pending a decision as to plug and abandon or attempt to recomplete the well.

This decision will depend on information obtained from drilling other wells during 1976 in this field.

Currently, the(se) well(s) are incapable of producing hydrocarbons in commercial quantities.

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 **RIG SKID** SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
VUKASOVICH DRILLING, INC.

3. ADDRESS OF OPERATOR
3964 South State Street, Salt Lake City, Utah 84107

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface **1904 FNL, 685 FWL Section 3, T21S, R23E**
 At proposed prod. zone
Within 50 Ft

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
8 Miles North of Cisco, Utah 84515

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) **685'**

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
160.0 acres

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **35.5'**

19. PROPOSED DEPTH
1282'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4481.4' gr

22. APPROX. DATE WORK WILL START*
30 May 1979

5. LEASE DESIGNATION AND SERIAL NO.
U-010847

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
J. Vukasovich

9. WELL NO.
JV 4A

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 3, T21S, R23E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|---|
| 9 1/2" | 8 5/8" | 20# 24 | 150' | Cemented to Surface |
| 7 7/8" | 7" 2 | 23# | 1282' | 150' above highest hydrocarbon or water zone encountered. |

6 1/2" hole into the Morrison

Mancos "A" Zone 1014
 Dakota 1050
 Morrison 1277

REMARKS: This well to be drilled 25' East, and 25' South of the Original Vukasovich #4 Well. This proposed location will remain on the originally approved location. The Operator will complete the well as an open hole completion into the Morrison Formation. Geological control is based upon the log data from the original well. The Operator will not log this hole but will rely upon original well data. The formation sand has proven to be so fragile that the introduction of any drilling and/or cement fluids will in the opinion of the Operator, preclude the possibility of any potential hydrocarbon production. See attached completion data and well control data.

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 Dean A. Christ TITLE Agent DATE 5/21/79

(This space for Federal or State office use)

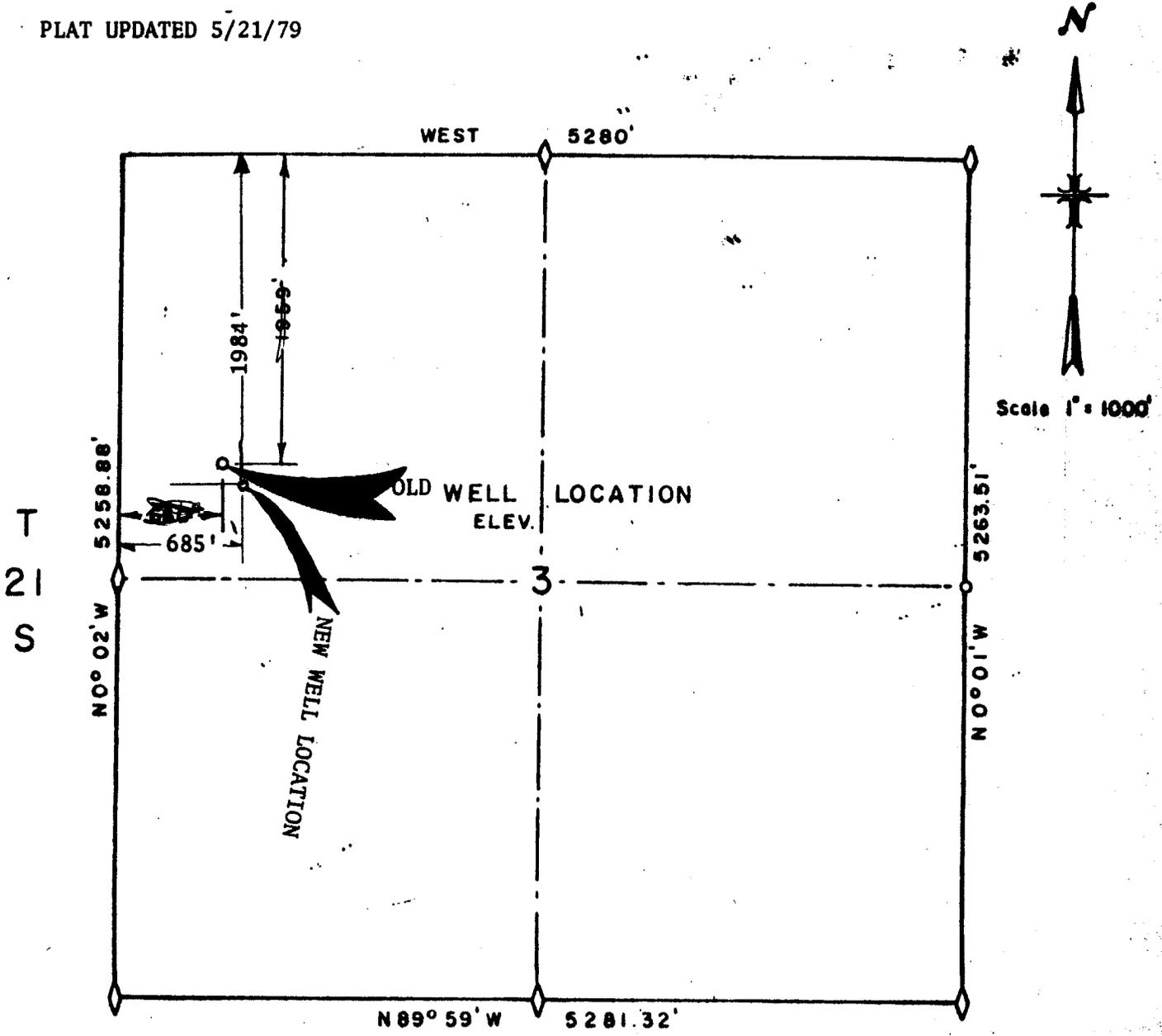
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION
 SW 1/4 NW 1/4 SECTION 3
 T21S R23E S.L.B&M.

PLAT UPDATED 5/21/79



R 23 E

NOTE

Location to be 100' X 100'
 Topography - Flat
 Vegetation - Sparse, desert type.

I, Richard J. Mandeville do hereby certify that this plat was plotted from available notes from other surveys. Actual surveys for location as shown and for elevations to be made when weather permits.

Richard J. Mandeville 11/1/79
 Registered Land Surveyor

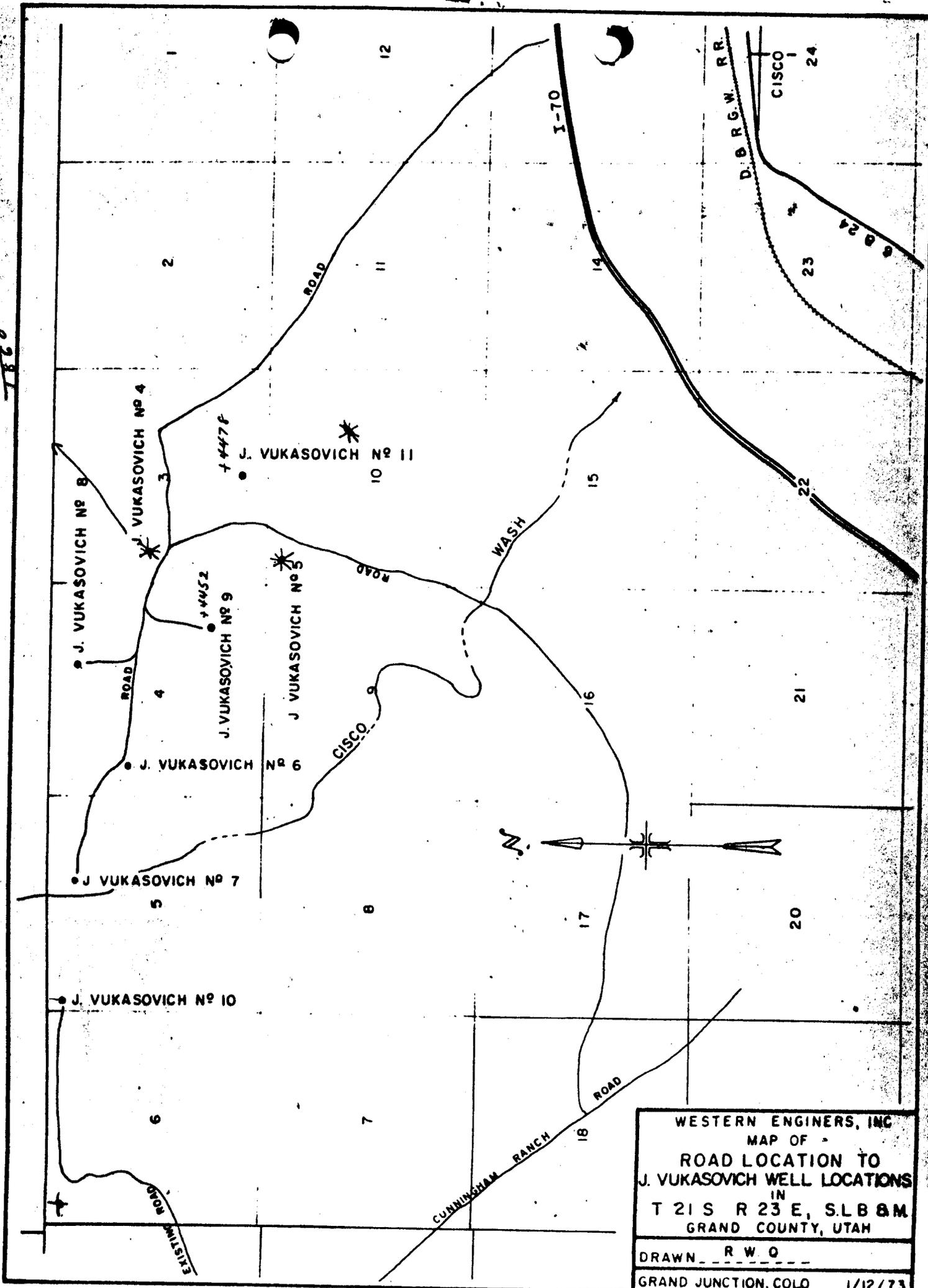
| | |
|--|------------|
| WESTERN ENGINEERS, INC. WELL LOCATION | |
| J. VUKASOVICH NO 4 | |
| GRAND COUNTY UTAH | |
| SURVEYED..... | DRAWN..... |
| GRAND JUNCTION, COLO. 1/5/73 | |

SPPLEMENTARY WELL CONTROL AND COMPLETION DATA:

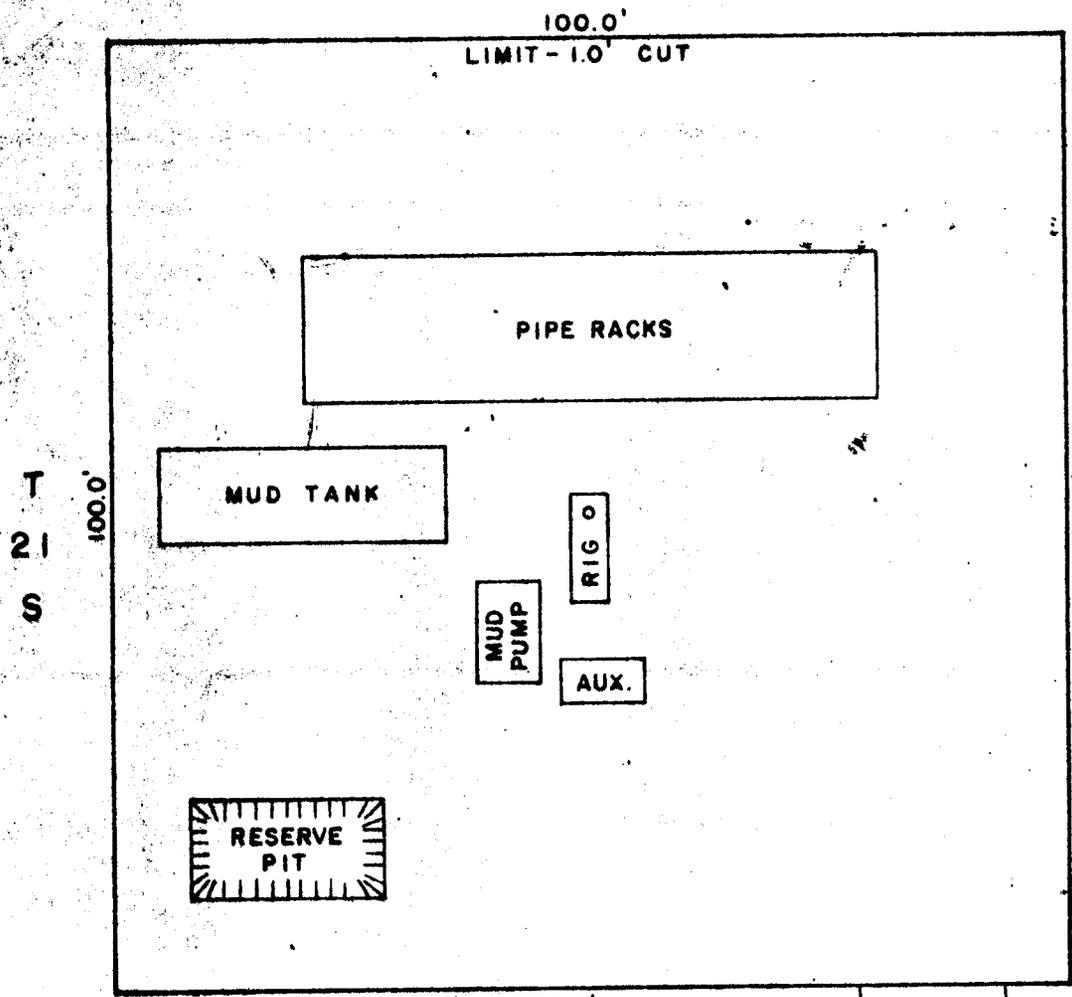
Due to the previous results of drilling approximately twenty five wells in the immediate vicinity of Cisco, Utah, the Operator now concludes that the introduction of any fluids into potentially commercial hydrocarbon zones will preclude the successful development of those encountered hydrocarbons. The operator therefore submits the following drilling proposal as a potentially successful answer to our previous lack of success:

- a. Drill to a point approximately five (5) feet above the highest previously encountered commercial natural gas zone, set and cement a 7" production string of casing. Allow a twelve (12) hour hardening time and then drill through the 7" casing with a 6 $\frac{1}{4}$ " bit into the zone of gas, which was previously encountered.
- b. The Operator will then remove the drill string from the hole through the Rogan Tomous BOP which is a bladder type BOP. Any excess of gas pressure will be relieved thru two 3' fill and kill lines which will be welded to the 7" casing string below the BOP. This gas will be vented directly into the presently installed gas line, which will preclude any open flame or loss of the resource. This gas can be metered. As a further protection and surface control measure, the BOP will be set on top of a full opening 8" valve, which will remain in place and become a part of the well head. This 8" valve will give the Operator the ability to maintain the well in a live status, venting the encountered gas thru the 3" fill and kill valves, with the 8" valve closed, while the BOP, and Rotating head is being removed from the 7" casing. Once the BOP and Rotating Head have been removed, the Operator will install a well head with stripping rubbers which has a 2000 psi working pressure. Once the well-head is in place, the operator will be able to strip the tubing and production nipple into the well, with no loss of gas or threat of gas to the rig floor.
- c. No electric logs will be run since adequate logs were run on the previously drilled well.
- d. The only surface disturbance will be a reserve pit to catch the drill cuttings and air mist returns. All garbage and waste materials will be buried. Any drill fluids will be hauled from the site.
- e. Access & Drill pad utilization to be in accordance with earlier submitted well application

1990 - 1860
21572
JBE



WESTERN ENGINEERS, INC
MAP OF -
ROAD LOCATION TO
J. VUKASOVICH WELL LOCATIONS
IN
T 21 S R 23 E, S.L.B & M
GRAND COUNTY, UTAH
DRAWN R W O
GRAND JUNCTION, COLO 1/12/73



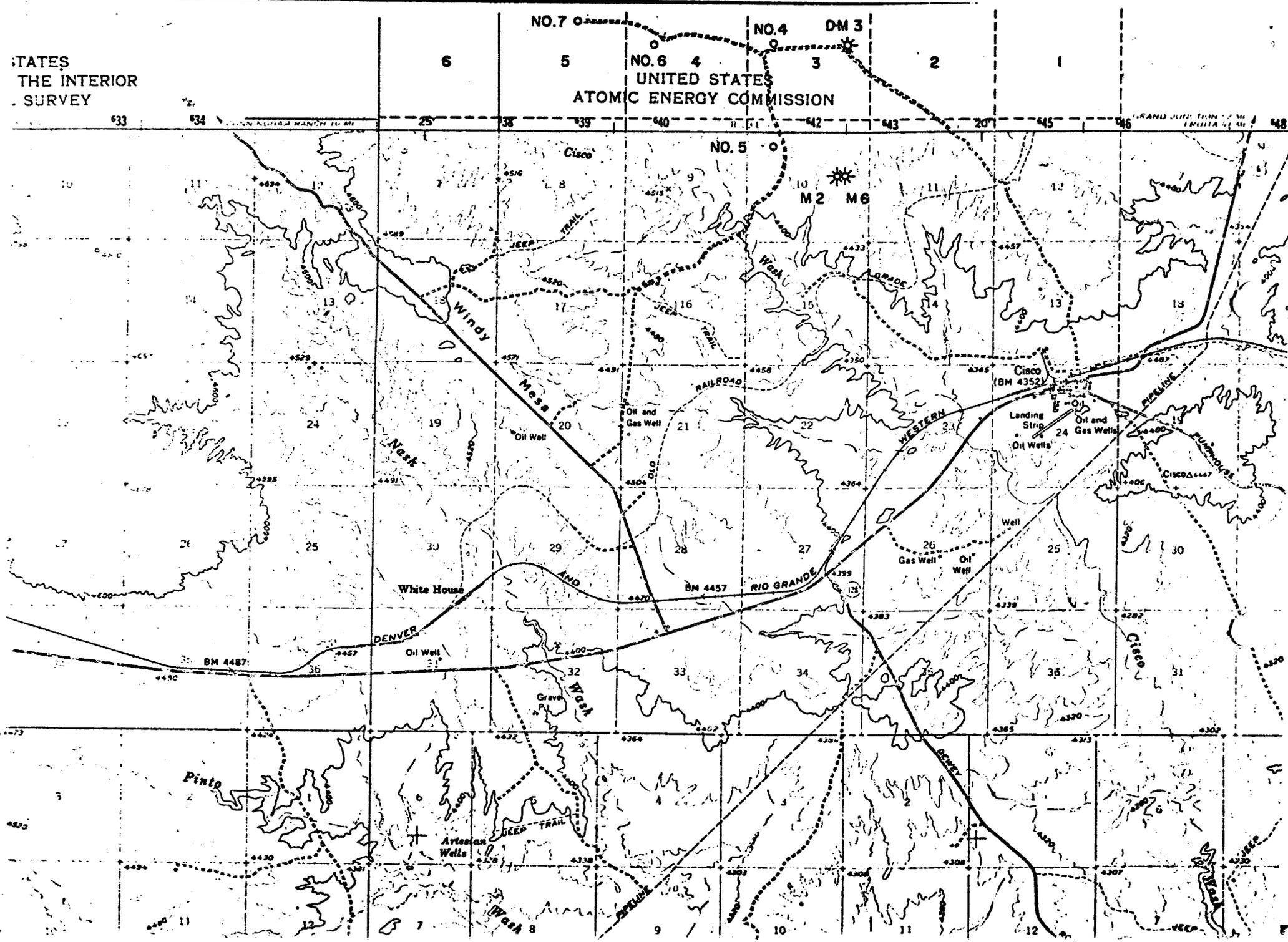
SCALE: 1" = 20'

R 23 E
SW 1/4 NW 1/4 SECTION 3
S.L.B. & M.

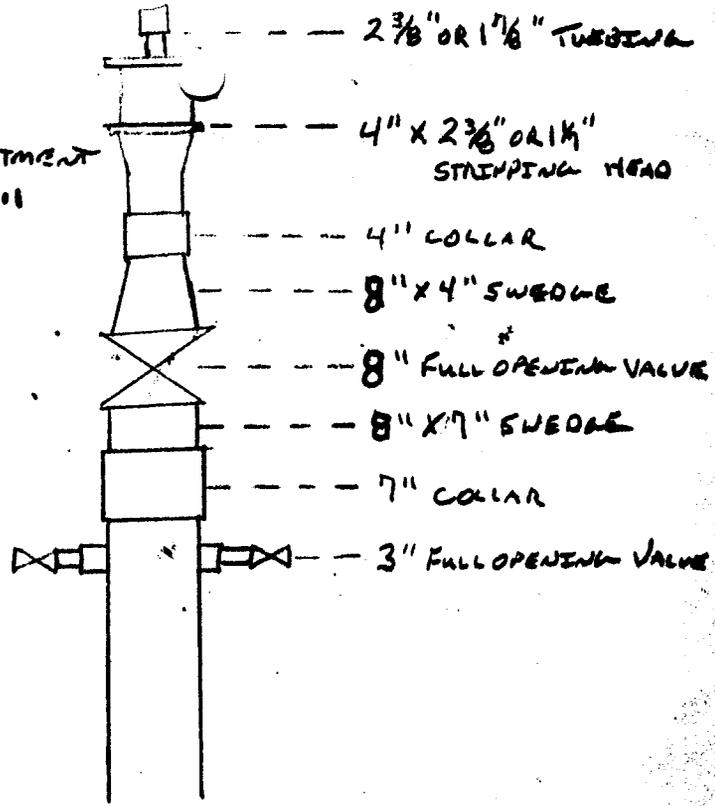
WESTERN ENGINEERS, INC
PROPOSED ROAD LOCATION
SITE LAYOUT
TO J. VUKASOVICH
GRAND COUNTY, UTAH
DRAWN --E.L.S.--
GRAND JUNCTION, COLO. 1/12/72

STATES
THE INTERIOR
SURVEY

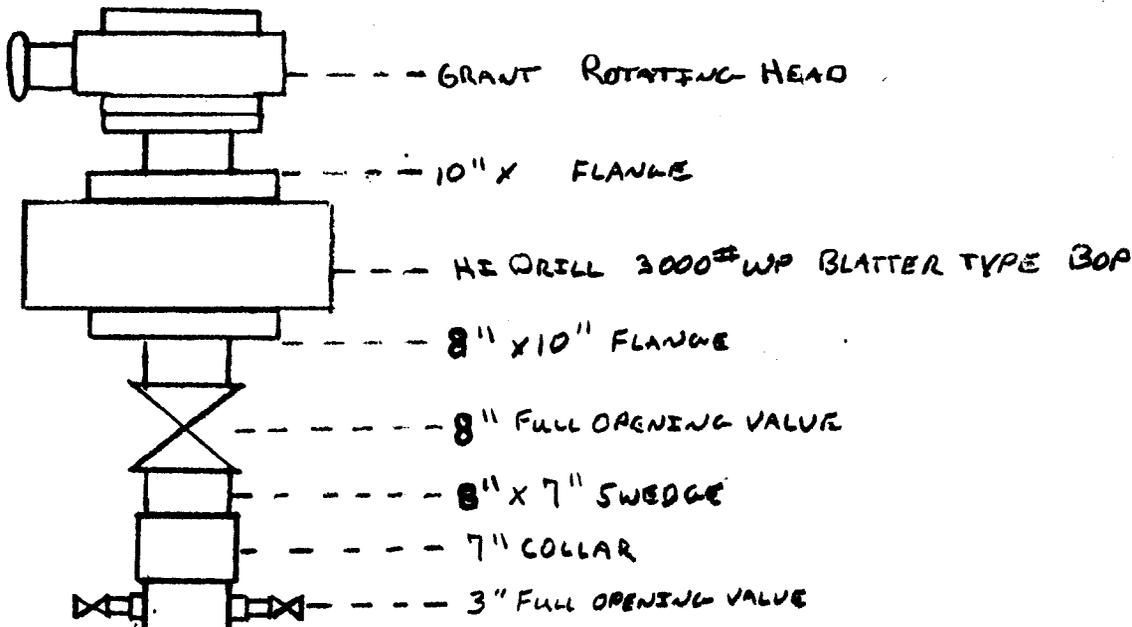
UNITED STATES
ATOMIC ENERGY COMMISSION



SURFACE EQUIPMENT
"COMPLETION"



SURFACE EQUIPMENT
"DRILLING"



85 COLLEGE
OLAND OAS
RECEIVED
MAY 23 1978
SALT LAKE CITY, UTAH

VUKASOVICH DRILLING, INC.
3964 South State Street
Salt Lake City, Utah 84107



Mr. E. W. Gynn •
District Engineer
U. S. Geological Survey
Federal Building
Salt Lake City, Utah 84111

May 23, 1979

Sir :

The following supplementary information is herewith submitted concerning the drilling applications covered under the JV-8A and the JV-4A Wells. This surface use information is consistent with the approved application which was submitted February 3, 1973.

a. No new access roads or surface utilization is requested for the submitted well applications.

b. Part 12 of the original twelve point program is changed in that an API Double Ram BOP has been replaced with a Regan Torous BOP plus additional surface controls as outlined on the attached schematic.

c. A copy of the original 12 point program is herewith attached as reference material.

d. The proposed locations are 35.5' from the original locations. This application therefore should be considered only as a "Rig-Skid", for drilling purposes, which the Operator feels does not require a second on site acceptance by the surface control agency.

e. Surface rehabilitation will be consistent with the current planting and management requirements.

Due to the current national energy crisis, this application and request to drill is in the best interest of the consuming public, the Federal Royalty Owner, and the present Lease owner/Operator. Furthermore, due to the current shortage of available drilling contractors, it is requested that an immediate approval be granted, especially in light of the fact that these locations will not impact on the environment beyond that which was authorized under the original drilling applications dated in 1973.

Sincerely,


Dean H. Christensen
Agent

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: May 24, 1979
Operator: Vukarovich Drilling
Well No: JV 4A (Rig skid)
Location: Sec. 3 T. 21S R. 23E County: Grand

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

API Number: 43-019-30126

CHECKED BY:

Administrative Assistant: _____

Remarks:

Petroleum Engineer: M.G. Minder 6-1-79

Remarks: To close To Fed #40, 8A, 9, 5, 4, 11, Landsdale 3

Director: 7

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. 102-S 11-2-64 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: Conditional

Letter Written/Approved

3 +



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
8440 Federal Building
Salt Lake City, Utah 84138

May 24, 1979

CERTIFIED MAIL -
RETURN RECEIPT REQUESTED

Mr. Michael Phifer
Vukasovich Drilling
2750 El Camino Real West
Mountain View, California 94040



Dear Mr. Phifer:

In conducting on-site inspections and reviewing the well files, we have found that Vukasovich Drilling operations in the Cisco area, Grand County, Utah are not being conducted in accordance with the Federal Oil and Gas Operating Regulations.

The well locations have not been maintained as required, there are several wells that have not been plugged, several locations that have not been rehabilitated and several access roads that have not been maintained and/or rehabilitated.

The well files are also in very poor condition. There are numerous delinquent reports, numerous activities have been conducted in the field and no reports submitted and many of our written instructions and requests have apparently been ignored.

In order to alleviate these problems, it is requested that the following be done:

1. A "Sundry Notice" Form 9-331, be submitted on each well in this area showing the present well status and whether it is producing, shut-in, abandoned, etc. This report is also to show the production facilities on location and if the well is shut-in what your future plans are for production or abandonment.

2. You are to notify this office in writing who your representative in this area is in order that we can make arrangements for an on-site inspection of each of these wells and locations to determine what work is required to clean and rehabilitate each site.

You are to comply with these two (2) requests within thirty (30) days from the date of this letter. Failure to do so will result

Vukasovich Well #25 SW SW (10-21S-23E) Abandoned

1. No record of this site being plugged and abandoned. Oral to plug was issued on 6/8/73. Did not inspect this site.
2. If this well has not been plugged and the site restored, then this work has to be done.
3. Need to submit "Notice to Abandon".
4. Need to submit "Subsequent Report of Abandonment".

Lease No. U-21705-AVukasovich Well #9 SW SE (4-21S-23E) G.S.I.

1. No well sign.
2. No production equipment left on site.
3. It appears this well needs plugged and the area and access road restored.
4. Access road has washed out - can't drive to site.
5. Need status report.

Lease No. U-010847Vukasovich Well #11 SW SE (3-21S-23E) G.S.I.

1. Need to either start producing or plug this well and restore the location and access road.
2. Need status report.

Vukasovich Well #4 SW NW (3-21S-23E) G.S.I.

1. Need to clean up junk and trash.
2. Need to either start producing or plug this well and restore the location and access road.
3. Need status report.

Lease No. U-22683Vukasovich Well #18 NW SE (31-20S-23E) P.G.W.

1. Junk and trash needs cleaned up.
2. Large mud pit needs filled in, contoured and seeded.
3. Access road needs upgraded.
4. Areas not required for production need to be restored.
5. Need status report.

Vukasovich Well #19 NE NE (31-20S-23E) Abandoned

1. Road washed out to this well - can't drive to it. Did not inspect.
2. If well has not been plugged, it needs to be.
3. Entire area needs cleaned up and restored, including the access road.
4. Need to submit "Notice of Intent to Abandon" report.
5. Need to submit "Subsequent Report of Abandonment" report.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-010847

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
VUKASOVICH DRILLING, INC.

3. ADDRESS OF OPERATOR
3964 South State Street, Salt Lake City, Utah 84107

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT
JV 4
CISCO AREA

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW NW, Section 3
T21S, R23E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

12. COUNTY OR PARISH 13. STATE
Grand County Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other) STATUS REPORT

FULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

AN APPLICATION TO RE-DRILL THIS LOCATION ~~H282H~~ HAS BEEN SUBMITTED. THE WELL IS CURRENTLY A SHUT-IN GAS WELL. THE WELL IS NOT CAPABLE OF COMMERCIAL PRODUCTION AT THIS TIME. AS SOON AS THE NEW WELL IS COMPLETED, A REQUEST TO PLUG AN ABANDON THIS WELL WILL BE SUBMITTED. THE ABANDONMENT WILL BE COMPLETED AND THE UNUSED AREA WILL BE REHABILITATED IN ACCORDANCE WITH DIRECTION FROM THE BLM.

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

SIGNED *Diana Christensen* TITLE *Agent*

DATE *5/31/79*

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

31 May 79

Insofar as the drilling of the #4A Vukasonich well is concerned, in the event that this well conflicts with the pertinent ^{proposed} spacing order 102-5 after it is drilled and completed, that this well will be plugged and abandoned.

Dean Christensen
Agent.



United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-010847
Operator Vukasovich Drilling, Inc. Well No. JV4-A
Location 1984' FNL 685' FWL Sec. 3 T. 21S R. 23E

County Grand State Utah Field Wildcat
Status: Surface Ownership Public Minerals Federal

Joint Field Inspection Date Waived by BLM and USGS.

Participants and Organizations:

Related Environmental Analyses and References:

- (1) EA Nos. 1388, 1387, 1068, 1354, U. S. Geological Survey, Salt Lake City
- (2) Book Mountain Unit Resource Analysis, Bureau of Land Management, Utah

Analysis Prepared by: John T. Evans, Environmental Scientist
Grand Junction, CO

Date May 31, 1979

[Signature]
NOTED JOHN T. EVANS, JR.

Proposed Action:

On May 23, 1979, Vukasovich Drilling, Inc., filed an Application for Permit to Drill the No. JV4-A exploratory well, a 1282' gas test of the Mancos "A" Formation; located at an elevation of 4481' in the SW/NW, Sec. 3, T21S, R23E on Federal mineral lands and Public surface; lease No. U-010847. There was no objection raised to the wellsite nor to the access road. The proposed action is a re-drill with no additional surface disturbance requested.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Freshwater sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. 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.

The operator proposes to conduct his operation on disturbed area of the existing drill pad and utilize existing roads for access. If production is established, plans for a gas flowline would be submitted to the appropriate agencies for approval. The anticipated starting date is June 1979.

Location and Natural Setting:

The proposed drillsite is eight miles north of Cisco, Utah, the nearest town. A fair road runs to the location. This well is a wildcat well.

Geology:

The surface geology is Mancos. The soil is silty, shaley, clays. No geologic hazards are known near the drill site. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist.. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The topsoils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rainfall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during

extremely heavy rainstorms. This type of storm is rather uncommon as the annual precipitation is around 8".

Winds are medium and gusty, occurring predominantly from west to east. The climate is semiarid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Drainage is to Cisco Wash which drains south to the Colorado River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Groundwater Hydrology:

Some minor pollution of groundwater systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of freshwater formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants in the area are of the salt-desert shrub types grading to the pinyon-juniper association to the north.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area. The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and are judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The overall effect of oil and gas drilling and production activity is significant in Grand County but it is difficult to assess the environmental impact of a single well on state and/or national levels. However, if said well was to produce in sufficient quantity, additional development wells might be anticipated. This additional development, in turn, would lead to greater environmental and socioeconomic consequences.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. 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 E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the

operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

1) Not Approving the Proposed Permit--The Oil and Gas Lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration.

2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. 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.

Recommend that a blooie pit be constructed a minimum of 125' away from the well head. This additional surface disturbance would improve safety of operations.

Adverse Environmental Effects Which Cannot Be Avoided:

New surface disturbance and removal of vegetation from approximately 0.1 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to freshwater aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would

eventually be carried as sediment in the Colorado River. The potential for pollution to Cisco Wash would exist through leaks and spills.

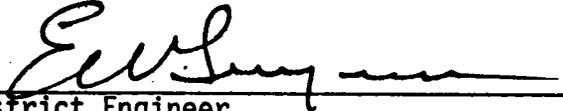
If well is a producer, other development wells would be anticipated with substantially greater environmental and economic impacts.

Determination:

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

Date

6/4/79

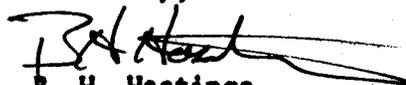

District Engineer
U. S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

WELL: VUKASOVICH 8-A, and 4-A

SUPPLEMENTARY INFORMATION

1. Surface formation: Mancos shale
4. Casing Program: 150' of 8 5/8" 20 lbs surface casing (new grade A Range 3) production string of 7", 23# grade A range 3 for the #8-A 1150' will be cemented 150' above TD. In the Vukasovich 4-A well, 7" casing will be set to a TD of 1270'. This string will be cemented to a point 150 above TD, or to a point determined to be 150 above the highest hydrocarbon or water zone which may be encountered. All casing is new.
6. Circulation medium will be air. No drilling fluids will be introduced into the borehole. 100 barrels of 10.2 lbs Moab Brine will be available on location in the event that control fluids are necessary.
7. Auxilliary Equipment: A 3 1/2" square Kelly will be utilized through a Grant Rotating Head. A regan Torus BOP will be utilized (see attached well control schematic). An 8" full opening valve will be set below the BOP and will be closed when the Kelly is out of the Hole. A float will be utilized above the bit as a further drilling precaution.
10. Starting Date: A drilling rig is currently on standby for this project. The Operator is prepared to move on site as soon a clearance to begin operations has been granted. Time is of the essence with this project, as all future operations are contingent upon the success of these two (2) wells.

Sincerely,


B. H. Hastings
Agent

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-010847

OPERATOR: Vukasovich Drilling

WELL NO. Vukasovich #4A

LOCATION: SE 1/4 SW 1/4 NW 1/4 sec. 3, T. 21S, R. 23E, SLM

Grand County, Utah

Stratigraphy: Surface Formation - Mancos Shale

| | | |
|------------------|-----------------|------|
| Operator's Tops: | Mancos "A" Zone | 1014 |
| | Dakota | 1050 |
| | Morrison | 1277 |

The Mancos "A" zone top is meaningless, but the other two tops are reasonable. Mancos "A" is an upper Mancos sand, ~~the~~ misapplied here to the "Dakota silt"

Fresh Water: No fresh water was encountered in the original Vukasovich #4, 35.5 feet northwest of the proposed well.

Leasable Minerals:

The area is valuable prospectively for coal in the Dakota. Coal beds, if any, are expected to be thin and discontinuous.

Additional Logs Needed: Induction Electric Log could be run without introducing fluids into the hole. Would help to evaluate possible future workover since the sand is marginally valuable as is.

Potential Geologic Hazards:

None anticipated

References and Remarks:

Induction Electric Log - Vukasovich #4

WRD report from Vukasovich #4

This well will be 25' South and 25' East of the Vukasovich #4 in Cisco Wash KGS

Signature: J. Paul Matheny

Date: May 31, 1979



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

June 5, 1979

VUKASOVICH DRILLING INC
3964 SOUTH STATE STREET
SALT LAKE CITY UT 84107

Re: Well No. JV 4A (Rig Skid), Sec. 3, T. 21S, R. 23E, Grand County, UT

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 102-5 dated November 2, 1964.

Since by virtue of this location, you have chosen to establish spacing under Rule C-3; permission to drill this well is therefore granted providing there are no other gas wells within a radius of 4,960'. If the present spacing rule is not changed this would mean only one gas well may be produced from the same reservoir within the 4,960' radius.

This well will be plugged and abandoned as agreed upon in your letter of May 31, 1979; should it not meet all the provisions of Cause No. 102-5.

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 - Geological Engineer
HOME: 876-3001
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. Your cooperation in completing this form will be appreciated.

Vukasovich Drilling, Inc.

June 5, 1979

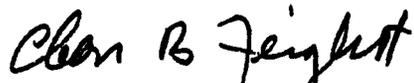
Page Two

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 43-019-30126.

Yours very truly,

DIVISION OF OIL, GAS, AND MINING



Cleon B. Feight, Director

/lw

Enclosure

cc: U. S. Geological Survey

March 21, 1980

Vukasovich Drilling
3964 So. State St.
Salt Lake City, Utah 84107

Re: Well No. Federal #4
Sec. 3, T. 21S, R. 23E.
Grand County, Utah

Gentlemen:

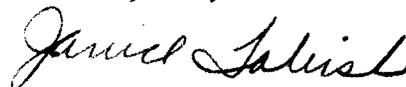
In reference to above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not 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 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



JANICE TABISH
CLERK-TYPIST

July 10, 1981

Vukasovich Drilling
3964 South State Street
Salt Lake City, Utah 84107

Re: Well No. ^{JV 4A (Rig Skid)} ~~Federal~~ (Rig Skid)
Sec. 3, T. 21S, R. 23E
Grand County, Utah

Well No. Vukasovich Federal #5
Sec. 10, T. 21S, R. 23E
Grand County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Sandy Bates
Clerk-Typist



/lm
Enclosures



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

February 9, 1982

Vukasovich Drilling, Inc.
3964 South State Street
Salt Lake City, Utah 84107

Re: Well No. Vukasovich Federal #4A
Sec. 3, T. 21S, R. 23E
Grand County, Utah
FINAL NOTICE

Well No. Vukasovich Federal #5
Sec. 10, T. 21S, R. 23E
Grand County, Utah
FINAL NOTICE

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells is due and has not been filed with this office as required by our rules and regulations.

** If we do not hear from your office within fourteen days, this file will be turned over to the attorney at the Division of Oil, Gas and Mining for legal action.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

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

Carl 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

May 19, 1982

Vukasovich Drilling, Inc.
3964 South State Street
Salt Lake City, Utah 84107

RE: Failure to comply with the General Rules and Regulations and
Rules of Practice of the Division of Oil, Gas and Mining

Gentlemen:

Records maintained by the Division of Oil, Gas and Mining indicate that you ~~have~~ failed to respond to numerous requests for information on the Vukasovich Federal 4A well, the Vukasovich 5A well, the Federal 9A well and ~~the~~ Federal 10A well, all situated in Grand County, Utah.

Be advised that if accurate status reports of all activities and operations and well logs on the aforementioned wells is not received by May 31, 1983 I shall schedule an Order to Show Cause before the Board of Oil, Gas and Mining. Among the measures I shall request the Board to approve is a moratorium of all your future drilling applications and operations.

Perhaps, up to this point, you have not realized the serious possible consequences of your failure to comply with the Division's regulations. The situation is serious and unwarranted. Furthermore, it will not be allowed to persist.

It is my wish that this matter be resolved without compelling you to appear before the Board of Oil, Gas and Mining. Therefore, if I can of any assistance, please do not hesitate to contact me.

Sincerely,

Carolyn Briscoll
Carolyn Briscoll

Special Assistant Attorney General

CD/as



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

*Dean came into office today
and said he will clear
this up immediately.* AUGUST 25, 1983

2/1/84

ATTENTION: DEAN CHRISTENSON

On August 23, 1983, a check up was made on some of your WELL RECORDS at our division (DIVISION OF OIL, GAS & MINING), several well files indicated that these locations in GRAND COUNTY, UTAH have not been kept up to date. We are requesting that these below locations be caught up to date and kept up to date so the files can be kept accurate.

CC COMPANY
3964 South State Street
Salt Lake City, Utah 84107

Concerning WELL NUMBER PETRO X # 30-1, Sec.30, T.21S R.24E, GRAND COUNTY, UTAH. The Division needs the MONTHLY REPORTS on this well from (MARCH 1982-JULY 1983), And the WELL COMPLETION REPORT AND ELECTRIC LOGS also.

Concerning WELL NUMBER PETRO X # 16-1, Sec.16, T.21S R.23E, GRAND COUNTY, UTAH. The Division needs the MONTHLY REPORTS on this well from (FEBRUARY 1982-MARCH 1982) and (MAY 1982-JULY 1983), And the WELL COMPLETION REPORT AND ELECTRIC LOGS also.

Concerning WELL NUMBER FEDERAL # 7-1, Sec.7, T.21S R.23E, GRAND COUNTY, UTAH. The Division needs the MONTHLY REPORTS on this well from (JUNE 1982-JULY 1983), And the WELL COMPLETION REPORT AND ELECTRIC LOGS also.

CONCERNING WELL NUMBER FEDERAL # 17-1, Sec.17, T.21S R.23E, GRAND COUNTY, UTAH. The Division needs the MONTHLY REPORTS on this well from (JUNE 1982-JULY 1983), And the WELL COMPLETION REPORT AND ELECTRIC LOGS also.



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 25, 1983

ATTENTION: DEAN CHRISTENSON

On August 23, 1983, a check up was made on some of your WELL RECORDS at our division (DIVISION OF OIL, GAS & MINING), several well files indicated that these locations in GRAND COUNTY, UTAH have not been kept up to date. We are requesting that these below locations be caught up to date and kept up to date so the files can be kept accurate.

CC COMPANY
3964 South State Street
Salt Lake City, Utah 84107

Concerning WELL NUMBER PETRO X # 30-1, Sec.30, T.21S R.24E, GRAND COUNTY, UTAH. The Division needs the MONTHLY REPORTS on this well from (MARCH 1982-JULY 1983), And the WELL COMPLETION REPORT AND ELECTRIC LOGS also.

Concerning WELL NUMBER PETRO X # 16-1, Sec.16, T.21S R.23E, GRAND COUNTY, UTAH. The Division needs the MONTHLY REPORTS on this well from (FEBRUARY 1982-MARCH 1982) and (MAY 1982-JULY 1983), And the WELL COMPLETION REPORT AND ELECTRIC LOGS also.

Concerning WELL NUMBER FEDERAL # 7-1, Sec.7, T.21S R.23E, GRAND COUNTY, UTAH. The Division needs the MONTHLY REPORTS on this well from (JUNE 1982-JULY 1983), And the WELL COMPLETION REPORT AND ELECTRIC LOGS also.

CONCERNING WELL NUMBER FEDERAL # 17-1, Sec.17, T.21S R.23E, GRAND COUNTY, UTAH. The Division needs the MONTHLY REPORTS on this well from (JUNE 1982-JULY 1983), And the WELL COMPLETION REPORT AND ELECTRIC LOGS also.

PETRO X CORPORATION
4668 Holladay Blvd., Suite # 111
Salt Lake City, Utah 84117

Concerning WELL NUMBER PETRO X # 9-2, Sec.9, T.21S R.23E, GRAND COUNTY, UTAH.
The Division needs the MONTHLY REPORTS on this well from (MAY 1983-AUGUST 1983),

AD CO COMPANY
3964 South State Street
Salt Lake City, Utah 84107

Concerning WELL NUMBER FEDERAL # 27-2, Sec.27, T.20S R.21E, GRAND COUNTY, UTAH.
The Division needs the MONTHLY REPORTS on this well from (JUNE 1980-OCTOBER 1982) and (DECEMBER 1982-AUGUST 1983), And the WELL COMPLETION REPORT AND ELECTRIC LOGS also.

VUKOSOVICH DRILLING CO.
3964 SOUTH STATE STREET
Salt Lake City, Utah 84107

Concerning WELL NUMBER J.V. # 4-1, Sec.4, T.21S R.23E, GRAND COUNTY, UTAH.
The Division needs the MONTHLY REPORTS on this well from (FEBRUARY 1983-AUGUST 1983).

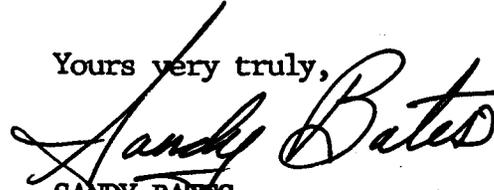
Concerning WELL NUMBER J.V. # 4A, Sec.3, T.21S R.23E, GRAND COUNTY, UTAH.
The Division needs the MONTHLY REPORTS on this well from (FEBRUARY 1973-MARCH 1973) AND (MAY 1973- SEPTEMBER 1976) AND (NOVEMBER 1976-APRIL 1979) AND (JULY 1979-NOVEMBER 1979) AND (MARCH 1980-AUGUST 1983), And the WELL COMPLETION REPORT AND ELECTRIC LOGS also.

Concerning WELL NUMBER FEDERAL # 9A, Sec.4, T.21S R.23E, GRAND COUNTY, UTAH.
The Division needs the MONTHLY REPORTS on this well from (DECEMBER 1976-APRIL 1979) AND (JUNE 1979) AND (AUGUST 1979-SPETEMBER 1979) AND (NOVEMBER 1979-AUGUST 1983), AND the WELL RECOMPLETION REPORT.

Concerning WELL NUMBER FEDERAL # 10A, Sec.5, T.21S R.23E, GRAND COUNTY, UTAH.
The Division needs the MONTHLY REPORTS on this well from (MAY 1973-JULY 1973)
and (NOVEMBER 1979-AUGUST 1983), AND the WELL RECOMPLETION REPORT AND ELECTRIC
LOGS also.

If you have any questions concerning this matter, please call this office.

Yours very truly,



SANDY BATES
DIVISION OIL, GAS & MINING
WELL RECORDS

SB/sb

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U-10847

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
VUKASOVICH DRILLING

3. ADDRESS OF OPERATOR
2001 Gateway Place, Suite 750 W, San Jose, California 95110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
VUK 4, VUK 4A

10. FIELD AND POOL, OR WILDCAT
Cisco Area

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec 3, T21S, R23E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH
GRAND

13. STATE
UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER
MULTIPLE COM.
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

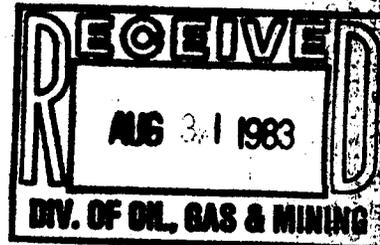
REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

The Operator proposes to place 34 sks of cement into the office of both of these wells (400' Plug). Both wells are cased with 4 1/2" casing to a depth of 1100'

The wells are perforated at approximately 1050'

A Copy of the cementing record will be submitted with the subsequent report of plugging.



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

SIGNED

[Signature]

TITLE

AGENT

DATE

8/29/83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CCCo
3161 South 300 East
Salt Lake City, Utah 84115

RECEIVED
FEB 2 1984

STATE OF UTAH
NATURAL RESOURCES
OIL, GAS, & MINING
4241 State Office Building
Salt Lake City, Utah 84114

DIVISION OF
OIL, GAS & MINING

1 February 1984

Attn: Claudia Jones

RE: Meeting 1 Feb., concerning
Ltr Dated 25 Aug 83

Attached please find copies of completion reports, etc as enumerated in the letter dated 25 Aug 83. This should clean-up our outstanding paperwork.

PETRO X 30-1 - This well was drilled to a depth of 720'. No sands were encountered. Absolutely no shows of gas or oil. The Operator did not log the well. The well was plugged and abandoned in July 1983. A cement plug was placed in the well from top to bottom. A dry Hole marker was placed on the well.

PETRO X 16-1 - This well is currently hooked up to the Cisco Gathering System. No sales have been made, pending a price determination. The well was finally completed Status 29 January 1984. The completion report is attached. This well was not logged as it was an off-set to the Adak State #1 Well. The Operator drilled to the anticipated depth. Installed a Production String and then utilized a cable rig to drill into the producing zone. The well correlates with the original well.

PETRO X FEDERAL 7-1 - This well is pending completion. This well was drilled as an off-set well to the original Adak Federal #5. No logs were made on this well.

FEDERAL 17-1 - This well was plugged and abandoned under the supervision of the USGS (BLM--Mr. Tom Servis, Moab District). Logs were not run as the well was drilled and completed based upon the original Adak Federal #4. The results of the drilling correlated with the earlier submitted logs from the Adak #4 Well.

PETRO X 9-2 - This well has been temporarily suspended until the weather clears. No determination has been made as to its potential. The necessary monthly reports have been updated and attached.

AD Co Federal 27-2 - This well was plugged and abandoned 5-15-80. See Atch. Oral Approval to Plug and the subsequent Sundry Notice. No monthly reports were filed for this well as it was plugged in 1980.

VUKASOVICH - JV #4A - This well was plugged and abandoned under the supervision of the BLM, Moab District (Tom Servis). This well was plugged top to Bottom.

Page 2 of 2

1 February 1984

Letter to Division Oil, Gas, & Mining
(Compliance Ltr dated 25 Aug 83)

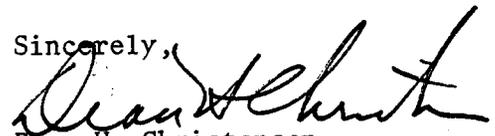
VUKASOVICH - 9A- This well was never drilled. Location abandoned.

Vukasovich - 10A This well was never drilled. Location abandoned.

VUKASOVICH 4-A - This well operation has been temporarily suspended pending completion and weather. The Monthly reports of Opns have been updated and attached. A copy of the log is attached.

This should comply with your request of 1 February. In the event that we have not fully responded, please contact us with your request.

Sincerely,



Dean H. Christensen
Manager

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SECRET IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

| |
|--|
| 5. LEASE DESIGNATION AND SERIAL NO. U-20563-1110847 |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 7. UNIT AGREEMENT NAME |
| 8. FARM OR LEASE NAME |
| 9. WELL NO. JV 4A |
| 10. FIELD AND POOL, OR WILDCAT Cisco Area |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA |
| 12. COUNTY OR PARISH |
| 13. STATE |

| | |
|--|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER | |
| 2. NAME OF OPERATOR VUKASOVICH | |
| 3. ADDRESS OF OPERATOR 3964 South State, Salt Lake City, Utah 84107 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface | |
| 14. PERMIT NO. | 15. ELEVATIONS (Show whether OF, RT, OR, etc.) |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|--|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input checked="" type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) <input type="checkbox"/> | |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

THIS WELL PLUGGED AND ABANDONED AT THE DIRECTION AND SUPERVISION BLM, MOAB DISTRICT. MR. TOM ERVIS WAS PRESENT DURING THE PLUGGING AND ABANDONMENT. NO CASING WAS PULLED, AND THE WELL WAS PLUGGED FROM TOP TO BOTTOM. A MARKER WAS PLACED ON THE WELL SITE.



DIVISION OF
OIL, GAS & MINING

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

SIGNED Dean H. Hunt TITLE Agent DATE 1 Oct 63

(This space for Federal or State office use)

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

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

4
5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

3. NAME OF OPERATOR
Vukosovich

4. ADDRESS OF OPERATOR
3161 So. 300 E, Salt Lake City, Utah 84115

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface *1984 FNL + 685 FWL*
At top prod. interval reported below *SWNW*
At total depth _____

14. PERMIT NO. *43-019-30126* DATE ISSUED _____

6. LEASE DESIGNATION AND SERIAL NO.

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

8. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME

10. WELL NO. *J4: 4A*

11. FIELD AND POOL, OR WILDCAT *Closed*

12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA *Sec. 37*

F21 S. R 23 E

13. COUNTY OR PARISH *Cedar* 18. STATE *UTAH*

15. DATE SPUNDED *N/A* 16. DATE T.D. REACHED _____ 17. DATE COMPL. (Ready to prod.) _____ 18. ELEVATIONS (DF, RES, RT, GR, ETC.)* *4481.4 OR* 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD _____ 21. PLUS, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY? _____ 23. INTERVALS DRILLED BY ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* *1984 FNL + 685 FWL* 25. WAS DIRECTIONAL SURVEY MADE *No*

26. TYPE ELECTRIC AND OTHER LOGS RUN *None* 27. WAS WELL CORDED *No*

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-----------------|-----------------|----------------|-----------|------------------|---------------|
| RECEIVED | | | | | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SCREEN (MD) |
|------|----------|-------------|-------------|
| | | | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKED SET (MD) |
|------|----------------|-----------------|
| | | |

31. PERFORATION RECORD (Interval, size and number)

| INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------|----------------------------------|
| | |

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

33. PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) |
|-----------------------|--|------------------------------------|
| | | |

| DATE OF TEST | HOURS TESTED | CHOKED SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|--------------|--------------|-------------|-------------------------|----------|----------|------------|---------------|
| | | | | | | | |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |
|---------------------|-----------------|-------------------------|----------|----------|------------|-------------------------|
| | | | | | | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED *[Signature]* TITLE *Agent* DATE *27 Feb 84*

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