

Approval grants in accordance with Rule C-3,  
 & Conditional upon a letter stating Company  
 owns all acreage within 660'. S.D. - 8-27-10

**FILE NOTATIONS**

Entered in MID File .....  
 Location Map Pinned .....  
 Card Indexed .....

Checked by Chief .....  
 Approval Letter 8-27-10 .....  
 Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed 8-27-10  
 ..... WW..... TA.....  
 ..... OS..... PA.....

Location Inspected .....  
 Bond released  
 State or Fee Land .....

**LOGS FILED**

Miller's Log .....  
 Electric Logs (No.) .....  
 ..... I..... Dual I Lat..... GR-N..... Micro.....  
 ..... GR..... Lat..... Mi-L..... Sonic.....  
 ..... Others.....

Approval grants in accordance with Rule C-3

**FILE NOTATIONS**

Entered in NID File .....  
Location Map Pinned .....  
Card Indexed .....

Checked by Chief *RMB*  
Approval Letter *8-27-70*  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed *10-10-70*  
..... WW..... TA.....  
..... OS..... PA.....

Location Inspected .....  
Bond released .....  
State or Fee Land .....

**LOGS FILED**

Miller's Log *1-21-71*  
Electric Logs (No.) *2*  
E..... I..... Dual I Lat..... GR-N..... Micro.....  
HC Sonic GR..... Lat..... Mi-L..... Sonic.....  
CBLog..... CCLog..... Others.....

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL                       DEEPEN                       PLUG BACK

b. TYPE OF WELL  
 OIL WELL                       GAS WELL                       OTHER   
 SINGLE ZONE                       MULTIPLE ZONE

2. NAME OF OPERATOR  
Johnston Petroleum Corporation

3. ADDRESS OF OPERATOR  
Continental Oil Bldg., Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface \*SE/4 SW/4 of Section 5, Township 6 South, Range 24 East,

At proposed S.L.M., Uintah County, Utah  
Same 414' FSL & 1836' FWL                      SWSEW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approx. 17 miles Southeast of Vernal, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
414' FSL, 1836' FWL of Sec. 5-6S-24E\*

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
No prior drilling on lease

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5066' (GR)

**23. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10-3/4"	8-5/8"	24#	250'	Adequate amount

\*Topographical exception requested because a ridge of steeply dipping sandstone ledges is located in the center of this 40 acre tract. To make location in the exact center would be impractical and economically impossible.

*Approve but  
 Continental upon  
 letter stating ownership  
 in 660' Adams - 10/17/70*

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 Stephen J. Rowley TITLE Manager of Production DATE 8-17-70

(This space for Federal or State office use)  
 PERMIT NO. 43-049-30089 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.  
USA OG Lse #Utah-10638

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 \_\_\_\_\_

7. UNIT AGREEMENT NAME  
 \_\_\_\_\_

8. FARM OR LEASE NAME  
Federal - Quest

9. WELL NO.  
5-1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 5-T6S-R24E, S.L.M.

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

16. NO. OF ACRES IN LEASE  
1187.40

17. NO. OF ACRES ASSIGNED TO THIS WELL  
80 Acres (S/2 SW/4-5)

19. PROPOSED DEPTH  
3500'

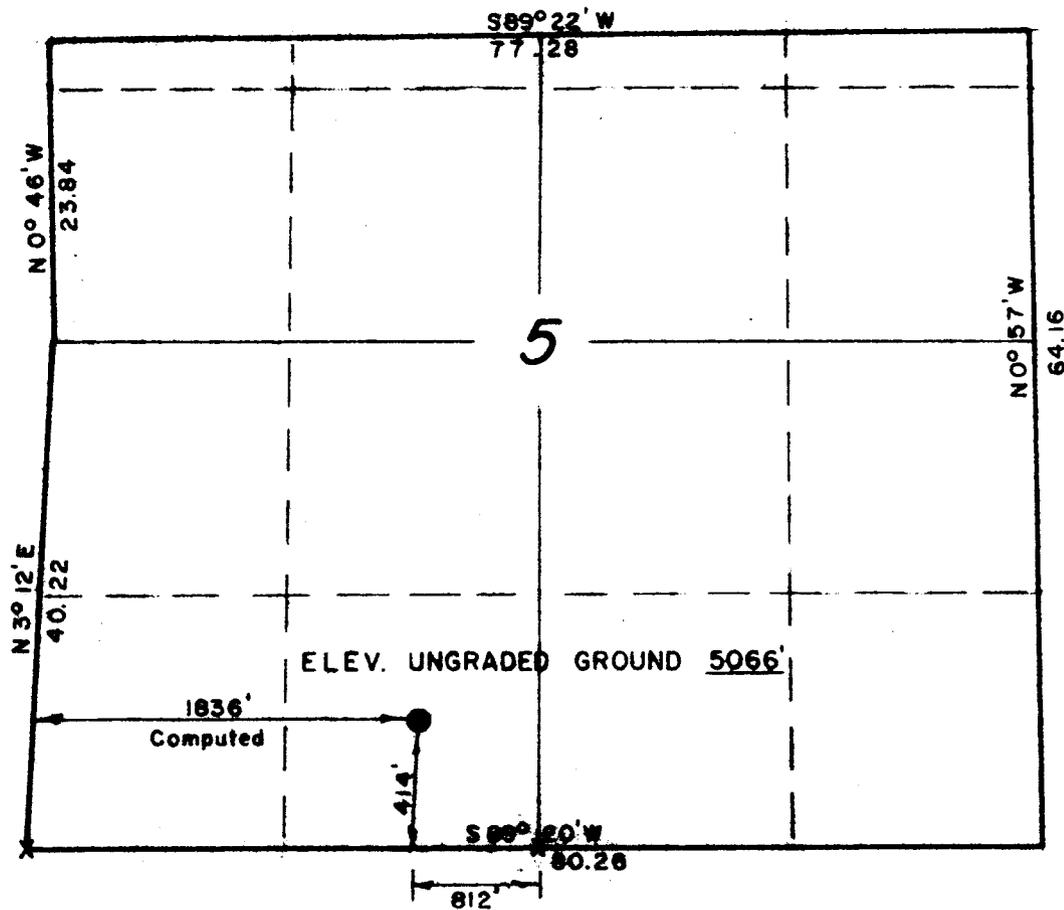
20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
September 1, 1970

PROJECT

JOHNSTON PETROLEUM CORPORATION  
 WELL LOCATION, # 5-1 GOVERNMENT, LOCATED  
 AS SHOWN IN THE SE 1/4 SW 1/4 SECTION  
 5, T6S, R24E, SLB&M, UTAH COUNTY,  
 UTAH.

T6S, R24E, SLB&M



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.

*Robert J. ...*

REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING P. O. BOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE 14 July 1970
PARTY L. D. Taylor D. Allred — D. Haslem	REFERENCES GLO Township Plat
WEATHER Clear - Hot	FILE Johnston Petro. Corp

X = Corners Located (Brass Caps)

FILE IN OIL/ICAN

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

"DESIGNATION OF AGENT"

The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations, and Rules of Practice and Procedure of the Division of Oil and Gas Conservation of the State of Utah, hereby appoint, C T Corporation Systems, whose address is 175 South Main Street, Salt Lake City, (~~xxx, xxxxx~~) designated agent to accept and to be served with notices from said Division, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designated agent is filed in accordance with said statute and said regulations.

Effective Date of Designation August 24, 1970

Company JOHNSTON PETROLEUM CORPORATION Address Continental Oil Building  
Denver, Colorado 80202

By  Title Vice President  
(Signature)

NOTE: AGENT MUST BE A RESIDENT OF UTAH.

FILE IN DUPLICATE

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

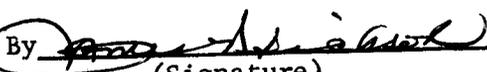
"DESIGNATION OF AGENT"

The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations, and Rules of Practice and Procedure of the Division of Oil and Gas Conservation of the State of Utah, hereby appoint, C T Corporation Systems, whose address is 175 South Main Street, Salt Lake City, (~~xxxxxxx~~ its) designated agent to accept and to be served with notices from said Division, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

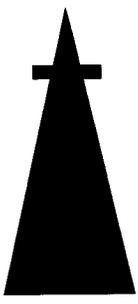
The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designated agent is filed in accordance with said statute and said regulations.

Effective Date of Designation August 24, 1970

Company JOHNSTON PETROLEUM CORPORATION Address Continental Oil Building  
Denver, Colorado 80202

By  Title Vice President  
(Signature)

NOTE: AGENT MUST BE A RESIDENT OF UTAH.



**JOHNSTON PETROLEUM CORPORATION**

830 CONTINENTAL OIL BUILDING  
DENVER, COLORADO 80202  
303-825-1239

August 25, 1970

Utah Oil & Gas Conservation Board  
1588 West North Temple  
Salt Lake City, Utah

Attention: Mr. Cleon B. Feight  
Executive Director

RE: Permit to Drill  
Federal - Quest 5-1  
Section 5-6S-24E  
Uintah County, Utah

Gentlemen:

Enclosed please find Application for Permit to Drill, location plat, and Designation of Agent forms which we submit for approval to drill the above captioned well in Uintah County, Utah. The necessary forms have also been filed this date with the U.S.G.S. in Salt Lake City.

If there is other information you may need, please call collect, Mr. Jim Dickson (303-244-8094), and we will be happy to furnish that information to you.

I am unfamiliar with the filing of drilling forms in the state of Utah on Federal lands and will appreciate any assistance you can give me.

Sincerely,

*Carol Stinson*

Carol Stinson  
Secretary to  
JAMES H. DICKSON

Enclosures

August 27, 1970

Johnston Petroleum Corporation  
Continental Oil Building  
Denver, Colorado 80202

Re: Well No. Federal Quest #5-1  
Sec. 5, T. 6 S, R. 24 E,  
Uintah County, Utah  
API No. 43-047-30089

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted. However, this approval is conditional upon our office receiving a letter stating that your company owns all acreage within a 660' radius of the proposed location.

Should you determine that it will be necessary to plug and abandon this well, 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 well has not been spudded-in within said period.

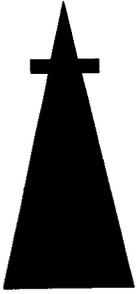
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd  
cc: U.S. Geological Survey



**JOHNSTON PETROLEUM CORPORATION**

830 CONTINENTAL OIL BUILDING  
DENVER, COLORADO 80202  
303-825-1239

August 31, 1970

Utah Department of Natural Resources  
Division of Oil & Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight  
Director

RE: Well No. Federal Quest #5-1  
Sec. 5, T. 6 S, R. 24 E,  
Uintah County, Utah  
API No. 43-047-30089

Gentlemen:

Thank you for your letter of 8-27-70 granting your approval to drill the captioned test well.

As to your condition of approval, please be advised Johnston Petroleum Corporation does in fact own the oil and gas lease covering the acreage within a 660' radius of the well and further, Johnston Petroleum Corporation holds leases covering all lands in Section 5 and the N/2 of Section 8-6S-24E.

Very truly yours,



JAMES H. DICKSON

JHD/cs

January 14, 1971

Johnston Petroleum Corporation  
Continental Oil Bldg.  
Denver, Colorado 80202

Re: Well No. Federal-Quest #5-1  
Sec. 5, T. 6 S, R. 24 E,  
Uintah County, Utah

Gentlemen:

Upon checking our files, it is noted that you have not as yet filed the "Well Completion or Recompletion Report and Log", Form OGC-3, for the above referred to well.

In as much as we are in the process of compiling data for our 1970 Well Completion Report, it would be appreciated if you would complete and forward the enclosed forms at your earliest convenience. This information will enable us to expedite the processing of our report and keep it accurate and complete.

Thank you for your cooperation and prompt attention with regard to the above.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE  
SUPERVISING STENOGRAPHER

:sd  
enclosures

1-21-71 Received

14

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. U-10638

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

SE/4 SW/4 Sec. 5-6S-24E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

2. NAME OF OPERATOR  
JOHNSTON PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR  
Continental Oil Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface SE/4 SW/4 Section 5 - T.6S - R.24E.

At top prod. interval reported below

At total depth Same as above.

14. PERMIT NO.  
43-047-30089

DATE ISSUED  
8/31/70

15. DATE SPUNDED  
9/26/70

16. DATE T.D. REACHED  
10/9/70

17. DATE COMPL. (Ready to prod.)  
10/10/70

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*  
5080' K.B.

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
2019'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS  
0-2019

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED  
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	260'	12-1/4"	280 sacks	-0-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

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

Dry Hole

DATE OF TEST \_\_\_\_\_ HOURS TESTED \_\_\_\_\_ CHOKER 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 E. G. Wood TITLE Vice President

DATE Jan. 18, 1971

JAN 18 1971

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Weber	1207'	T.D. 2019	Sandstone, white, fine-medium grain, sub-rounded, calcareous cement, slightly friable, fair porosity
Weber	1188'	1213'	DST No. 1 Open 1 hour, Shut In 2 hours Recovered 1095' fresh water ISI 584 IF 235 FSI 562 FF 505
Geological Report attached.			
		NAME	MEAS. DEPTH
		SHINARUMP	350
		MOENKOPFI	395
		GREEN SILT	1045
		PARK CITY	1120
		WEBER	1207

JAN 21 1971

FORM OGC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number GOVT.-QUEST #5-1  
Operator JOHNSTON PETROLEUM Address DENVER, Colo. Phone 244-8094  
Contractor BARKER DRILLING Co. Address VERNAL, UTAH Phone 789-2101  
Location SE 1/4 SW 1/4 Sec. 5 T. 6 N. R. 24 W VINTAN County, Utah  
Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1. <u>1185</u>	<u>1210 (DST)</u>	<u>1095' OF FILLUP IN PIPE</u>	<u>FRESH (500 PPM)</u>
2.			
3.			
4.			
5.			

(Continue on reverse side if necessary)

Formation Tops:

<u>SNINARUMP</u>	<u>350</u>
<u>MOENKOPF</u>	<u>395</u>
<u>PARK CITY</u>	<u>1120</u>
<u>WEBER</u>	<u>1207</u>
<u>Remarks:</u>	<u>T.D. 2019</u>

- NOTE:
- (a) Upon diminishing supply forms, please inform this office.
  - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of form).
  - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.