

RESIDENCE PHONE: 325-2188  
Area Code 505

**HAROLD H. BROWN**

Consultant in Petroleum Geology

OFFICE PHONE: 325-4900 • PETROLEUM CLUB PLAZA  
FARMINGTON, NEW MEXICO 87401

January 17, 1969

#1 SENE SE - sec 25  
#2 SE SE SE - sec 24

Oil & Gas Conservation Commission  
348 East South Temple  
Suite 301  
Salt Lake City, Utah

Gentlemen:

I represent Mr. E. B. Clark, Sr. of Wichita Falls, Texas as agent and consulting geologist. Mr. Clark owns oil and gas leases on Navajo Tribal lands in Sections 29, 30, and 32, T43S - R23E, San Juan County, Utah. He has acquired a farmout from the Kimbark Operating Company that owns leases on adjacent Sections 24 and 25, T43S - R22E and he will drill two DeChelly test wells on these sections. The outlines of the leases and the well spots are shown on the attached plat.

Mr. Clark proposes to locate one test well approximately 330' EL and 1650' SL in Section 25 and approximately 330' EL and 330' SL in Section 24. Exact footages will depend upon terrain. Since these locations are less than 500' from the lease lines we are asking for an exception to the general well spacing requirements.

Rough terrain and geological structure are factors in making these locations. The unorthodox locations would only concern leases belonging to Clark and Kimbark. If production is found, Mr. Clark will request 20 acre spacing as has been granted for Sinclair's Boundary Butte field.

Applications for these locations will be filed very shortly with the U.S.G.S. in Farmington. In fact in a day or two. We would appreciate your very earliest consideration as we would like to take advantage of a rig available in the immediate area.

Very truly yours,

*Harold H. Brown*

Harold H. Brown

*Steps Navajo Cliff  
Controlling well location  
PMB*

*Taken with Mr. Brown  
As will be back to move  
Wishes to obtain vertical copy  
1-20-69, Sharon*

(SCALE 1 IN. = 1 MI.) ISLAND TOWNSHIP

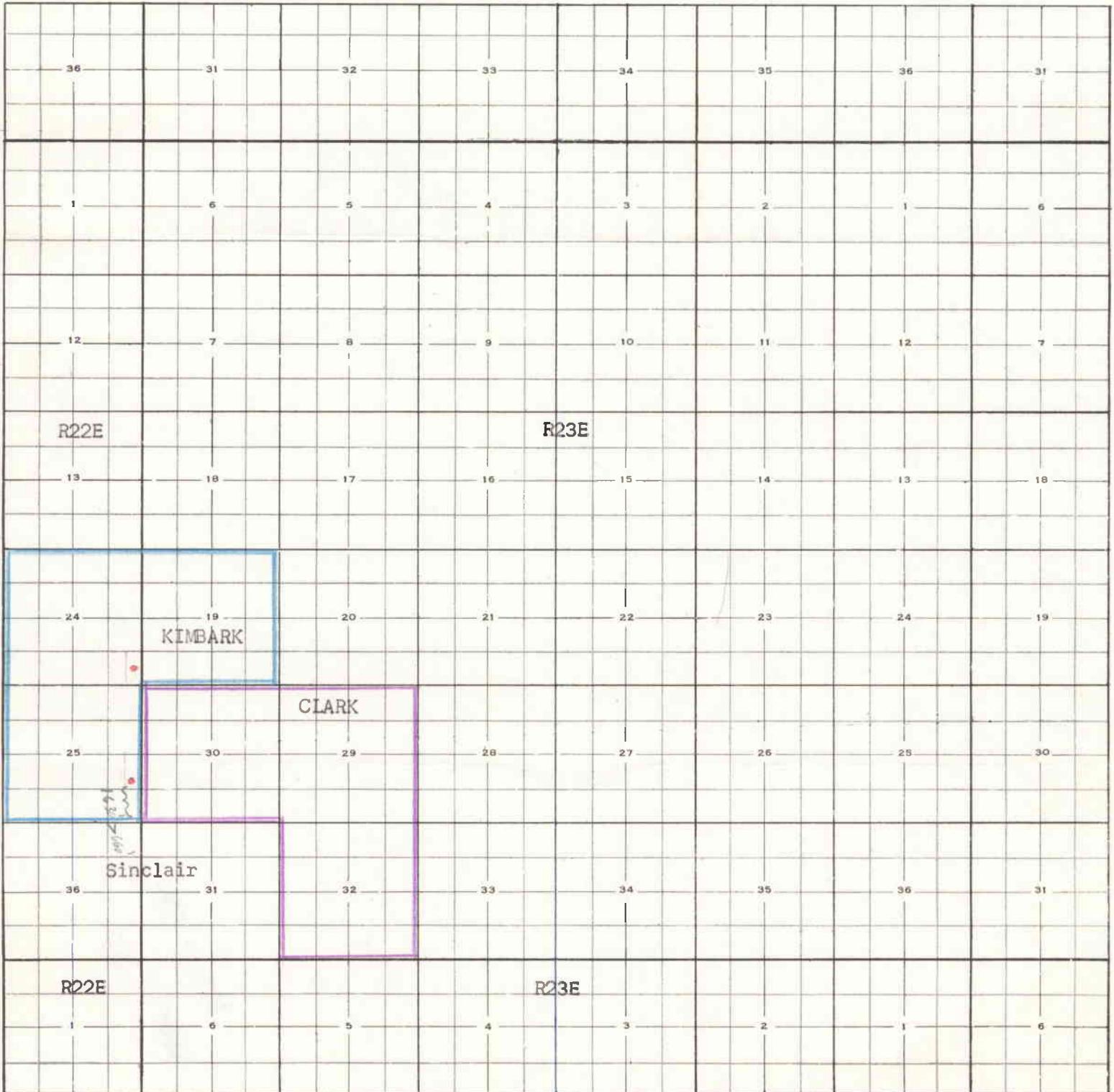
SAN JUAN REPRODUCTION CO

135 Airport Drive

Farmington, New Mexico 87401

Tel. 325-3111

T  
43  
S



TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_ COUNTY San Juan STATE Utah

REMARKS: \_\_\_\_\_ COMPANY \_\_\_\_\_

**HAROLD H. BROWN**

*Consultant in Petroleum Geology*

OFFICE PHONE: 325-4900 • PETROLEUM CLUB PLAZA

FARMINGTON, NEW MEXICO 87401

January 21, 1969

Mr. Paul W. Burchell  
Oil & Gas Conservation Commission  
348 East South Temple  
Suite 301  
Salt Lake City, Utah

Dear Mr. Burchell:

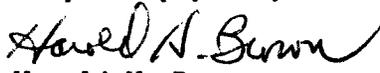
Attached are two copies each of Notice Of Intent To Drill with surveyors plats for the following test well locations:

E. B. Clark, Sr.  
Potato Rock No. 1  
1650'SL & 530'EL Section 25, T43S - R22E  
San Juan Co., Utah

E. B. Clark, Sr.  
Potato Rock No. 2  
770'SL & 530'EL  
Section 24, T43S - R22E  
San Juan Co., Utah.

I recently sent a letter requesting an exception to the general well spacing requirements as I had anticipated the above locations, by topographic map, to be less than 500' from lease lines. The Kimbark Operating Company was to have sent you a letter giving consent to the locations. Since the surveyed locations are within the limits as set out by the well spacing requirements the request for an exception is withdrawn.

Very truly yours,

  
Harold H. Brown

**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  
 E. B. Clark, Sr.

3. ADDRESS OF OPERATOR  
 503 City National Building, Wichita Falls, Texas. 76301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 1690'SL & 530'EL Sec. 25, T43S - R22E.

At proposed prod. zone *SE NE SE*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 530'

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1700'

19. PROPOSED DEPTH 1500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5106 ungraded gr.

22. APPROX. DATE WORK WILL START\* 1/25/69

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24# J -55	100'	100 sacks.

Propose to drill and test DeChelly sandstone. If productive will set 4 1/2" casing and complete.

*190' to form south side to topog.  
12 (27) - 30124*

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 E. B. Clark, Sr. TITLE Operator DATE 1/21/69

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

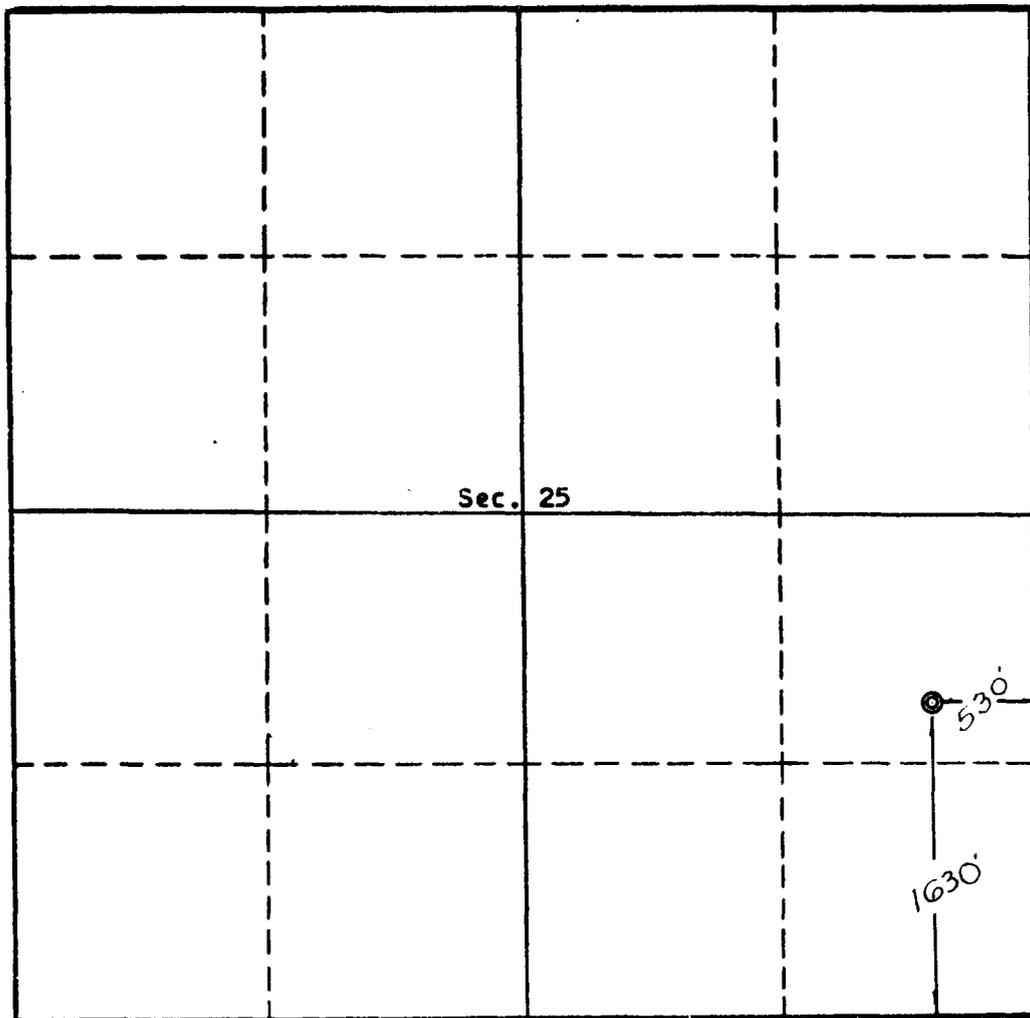
Company E. B. CLARK, SR.

Well Name & No. Potato Rock #1

Location 1630 feet from the South line and 530 feet from the East line.

Sec. 25, T. 43 S., R. 22 E., S. L. M., County San Juan, Utah

Ground Elevation 5106, ungraded.



Scale, 1 inch = 1,000 feet

Surveyed January 21, 19 69

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.



*Ernest V. Echohawk*

Ernest V. Echohawk  
Registered Land Surveyor  
Utah Registration No. 2611

January 23, 1969

E.B. Clark, Sr.  
503 City National Building  
Wichita Falls, Texas 76301

Re: WELL NO'S. Potato Rock #1 & #2  
Sec.'s. 24 & 25, T. 43 S, R. 22 E,  
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned wells is hereby granted in accordance with Rule C-3 (c).

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, Salt Lake City  
OFFICE: 328-5771

This approval terminates within 90 days if the 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 while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

January 23, 1969

The API numbers assigned to these wells are 43-307-30034 and 43-037-30035 (See Bulletin D12 published by the American Petroleum Institute.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:ad

Enclosures: Forms

cc: U.S. Geological Survey  
P. T. McGrath, Dist. Engineer  
Box 959  
Farmington, New Mexico

Norold Bore - Pit #1 - (Black  
T.P. - 1545 -  
Crown @ 1392

~~1392~~  
① 1390 to 1545 - tested (1390-1400 - 795' of  
fresh water.

8  $\frac{5}{8}$ " @ 109'  
② 5 sp at surface/under.  
(Charlie - Monopie to  
surface)

2/1/69 - PAB

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

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

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 \_\_\_\_\_

2. NAME OF OPERATOR  
**E. B. Clark, Sr.**

3. ADDRESS OF OPERATOR  
**503 City National Bldg. Wichita Falls, Texas. 76801**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **1630° SL & 530° EL, Sec. 25, T43S - R22E.**

At top prod. interval reported below

At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Navajo - Tribal**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Potato Rock**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WILDCAT

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

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

15. DATE SPUNDED **1/28/69** 16. DATE T.D. REACHED **1/31/69** 17. DATE COMPL. (Ready to prod.) \_\_\_\_\_ 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **5109'GR. 5118'DF** 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD **1545'** 21. PLUG, BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY **Rotary** ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* \_\_\_\_\_ 25. WAS DIRECTIONAL SURVEY MADE **Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN **IES - Densilog** 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
<b>9 5/8"</b>	<b>24#</b>	<b>99'</b>	<b>12 1/2"</b>	<b>100 sacks</b>	<b>None</b>

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)

DEPTH 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	CHOKE 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 (Solid, 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 **Harold H. Brown** TITLE **Geologist for E. B. Clark** DATE **2/10/69**

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

# 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.
DeChelly	1390'	1400'	<p>DST NO 1. Preflow: 10 minutes. Good blow.            ISI = 30". TO 1 hr. FSI = 30".            Opened with good blow, weakened near close of test.            Rec. 795# fresh water. No gas or oil.            FP 79 = 323#.            SIP 553 = 553#.            ITH = 658#.            FHI = 645#.</p>
			<p>Chinle DeChelly</p>
			<p>MEAS. DEPTH</p> <p style="text-align: right;">450' 1392'</p>
			<p>TOP</p>

MAR 7

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 Potato Rock #1

Operator E. B. Clark, Sr. Address 503 City Nat'l Bldg. Wichita Falls, Texas Phone 817-322-5466

Contractor Loffland Brothers Co. Address 1216 E. Bloomfield Rd. Farmington, N. M. Phone 505-325-5001

Location NE SE 1/2 Sec. 25 T. 43S N R. 23 E San Juan County, Utah  
S W

Water Sands: DeChelly

<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>1392</u>	<u>1445</u>	<u>DST No. 1 1390 - 1400.</u>	<u>Fresh - No anal.</u>
2. _____	_____	<u>ISI - 30". TO 1 hr. FSI - 30".</u>	_____
3. _____	_____	<u>Opened with good blow, weakened</u>	_____
4. _____	_____	<u>near end of test.</u>	_____
5. _____	_____	<u>EP 79 - 323#</u>	_____
_____	_____	<u>SIP 553 - 553#.</u>	_____
_____	_____	<u>IHH - 658. FHH - 645.</u>	_____

(Continue on reverse side if necessary)

Formation Tops:

DeChelly 1390'

Remarks:

- 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN ATB\*  
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Dry</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo Tribal</b>
2. NAME OF OPERATOR <b>E. B. Clark, Sr.</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>503 City Nat'l Bldg. Wichita Falls, Texas</b>		8. FARM OR LEASE NAME <b>Potato Rock</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1630' SL &amp; 530' EL, Sec. 25, T43S - R22E</b>		9. WELL NO.
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT <b>NC</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5109'gr. 5118'DF</b>		11. SEC., T., R., E., OR BLK. AND SURVEY OR AREA <b>25, T43S, R22E</b>
		12. COUNTY OR PARISH <b>San Juan</b>
		13. STATE <b>Utah</b>

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"/>	(Other) <input type="checkbox"/>

(NOTE: Report Results of multiple completion or Well Completion or Recombination 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.)\*

**1545'-Total Depth reached 1/31/69.  
Plugged and Abandoned on 1/31/69 by setting plugs as follows:  
55 sacks from 1390' - 1545'; 5 sacks at surface.  
Will install dry hole marker and clean location.**

Installed dry hole marker 2/20/69. Filled pit and cleaned location 3/1/69.

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

SIGNED Harold H. Brown TITLE Geologist for E. B. Clark DATE 2/10/69

(This space for Federal or State office use)

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