

ALL NOTATIONS

Entered in NID File

✓

Checked by Chief

*[Signature]*

Entered On S R Sheet

\_\_\_\_\_

Copy NID to Field Office

*[Signature]*

Location Map Pinned

✓

Approval Letter

✓

Card Indexed

✓

Disapproval Letter

\_\_\_\_\_

IWR for State or Fee Land

\_\_\_\_\_

COMPLETION DATA:

Date Well Completed

7-30-65

Location Inspected

\_\_\_\_\_

OW

WW

TA

Bond released

GW

OS

PA

State of Fee Land

\_\_\_\_\_

LOGS FILED

Driller's Log

8-9-65

Electric Logs (No. )

2

E

I

E-I

GR

GR-N

Micro

Lat

Mi-L

Sonic

Others

*[Signature]*

7-25-91  
*[Signature]*

**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  
**Walter Duncan**

3. ADDRESS OF OPERATOR  
**Post Office Box 137, Durango, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface **2008'S/N, 692' W/E, Section 31,**  
 At proposed prod. zone **Township 41 South, Range 25 East, SLM**

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) **2008'**

16. NO. OF ACRES IN LEASE **2522**

17. NO. OF ACRES ASSIGNED TO THIS WELL **80**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **2000'**

19. PROPOSED DEPTH **5700'**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.) **4689'**

22. APPROX. DATE WORK WILL START\* **July 7, 1965**

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

**Surface casing: 13-3/8" @ 100'**  
**Intermediate casing: 8-5/8" @ 1300'**  
**Production casing 4-1/2" to TD**

**Will drill 7-7/8" hole to TD**

**Enclosed: Location plat**

5. LEASE DESIGNATION AND SERIAL NO.  
**14-20-603-373**

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

7. UNIT AGREEMENT NAME  
**Navajo 116**

8. FARM OR LEASE NAME  
**Navajo 116**

9. WELL NO.  
**3**

10. FIELD AND POOL, OR WILDCAT  
**Big Wash**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**31-418-25E**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

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 *Walter Duncan* for **Walter Duncan** DATE **June 30, 1965**

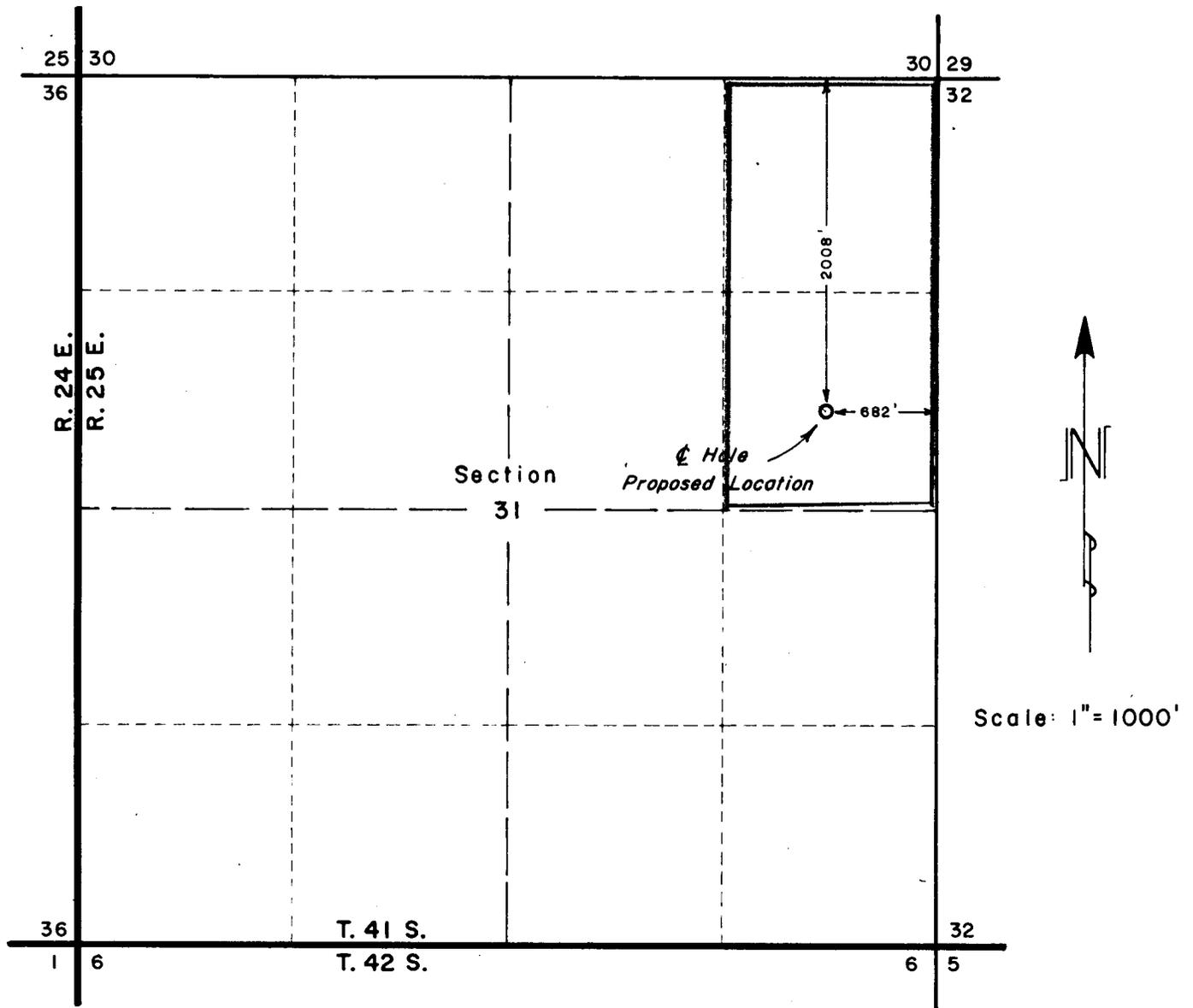
(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



**WELL LOCATION: Walter Duncan - Navajo 116-3**

Located 2008 feet South of the North line and 682 feet West of the East line of Section 31,  
 Township 41 South, Range 25 East, Salt Lake Base & Meridian.  
 San Juan Co., Utah  
 Existing ground elevation determined at 4689 feet based on adjoining well location.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

*Frederick H Reed*

FREDERICK H REED  
 Registered Land Surveyor  
 State of Utah # 2689



<b>WALTER DUNCAN</b>	
<b>WELL LOCATION PLAT</b> <b>Sec. 31- T. 41 S. R. 25 E.</b> <b>San Juan Co., Utah</b>	
CLARK - REED & ASSOC. Durango, Colorado	DATE: June 9, 1965 FILE NO. 65044

**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  
**Walter Duncan**

3. ADDRESS OF OPERATOR  
**Post Office Box 137, Durango, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface **2008'S/N, 692' W/E, Section 31,**  
 At proposed prod. zone **Township 41 South, Range 25 East, SLM**

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) **2008'**

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19. PROPOSED DEPTH **5700'**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.) **4689'**

22. APPROX. DATE WORK WILL START\* **July 7, 1965**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Surface casing: **13-3/8" @ 100'**  
 Intermediate casing: **8-5/8" @ 1300'**  
 Production casing **4-1/2" to TD**

Will drill **7-7/8" hole to TD**  
 Enclosed: Location plat

5. LEASE DESIGNATION AND SERIAL NO.  
**14-20-603-378**  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Navajo Tribal**  
 7. UNIT AGREEMENT NAME  
**Navajo 116**  
 8. FARM OR LEASE NAME  
**Navajo 116**  
 9. WELL NO.  
**3**  
 10. FIELD AND POOL, OR WILDCAT  
**Big Wash**  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**31-418-25E**  
 12. COUNTY OR PARISH  
**San Juan**  
 13. STATE  
**Utah**

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 Walter Duncan for Walter Duncan DATE June 30, 1965

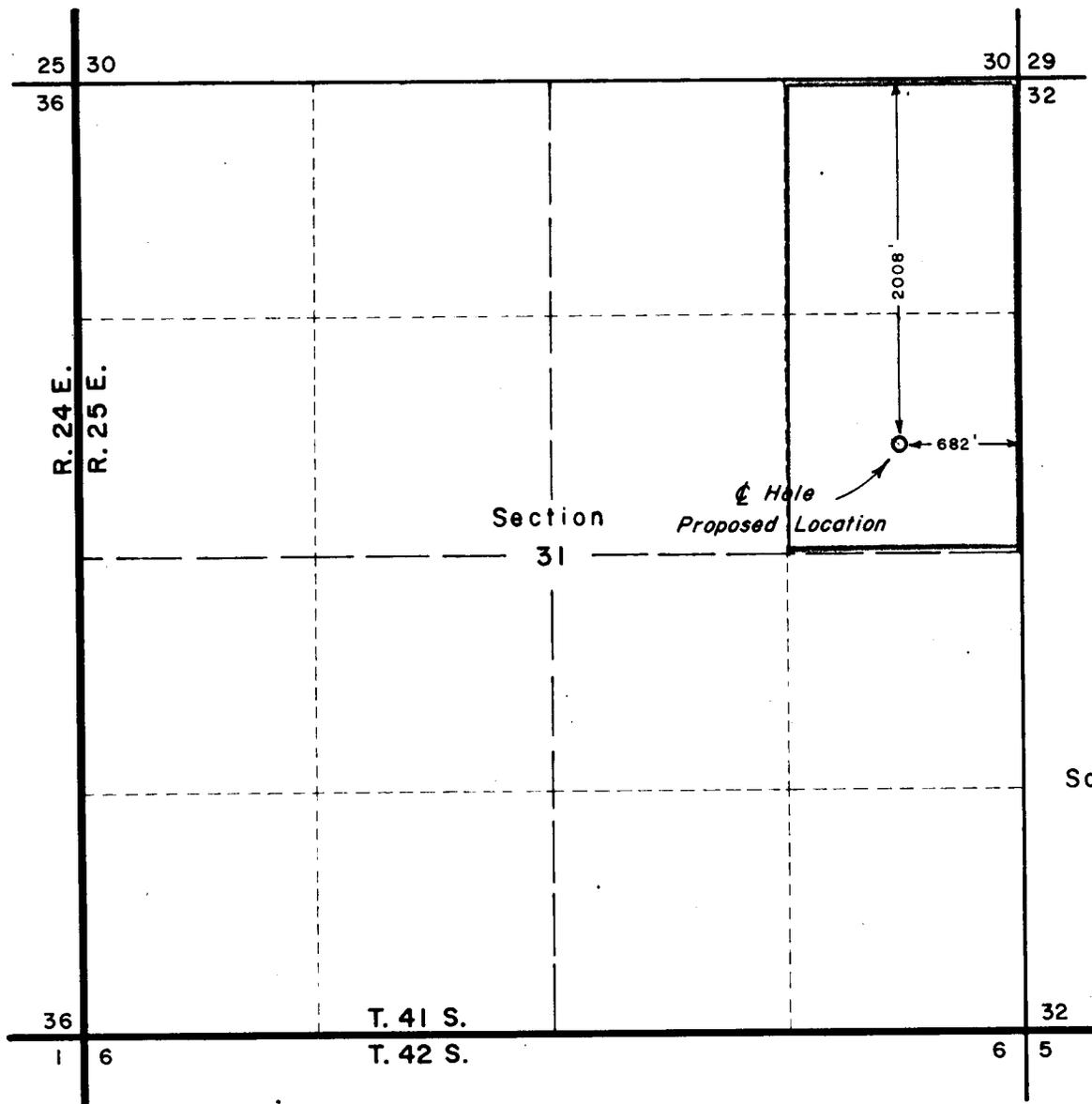
(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



Scale: 1" = 1000'

**WELL LOCATION: Walter Duncan - Navajo 116-3**

Located 2008 feet South of the North line and 682 feet West of the East line of Section 31,  
 Township 41 South, Range 25 East, Salt Lake Base & Meridian.  
 San Juan Co., Utah  
 Existing ground elevation determined at 4689 feet based on adjoining well location.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief

*Frederick H Reed*

FREDERICK H REED  
 Registered Land Surveyor  
 State of Utah # 2689



<b>WALTER DUNCAN</b>	
<b>WELL LOCATION PLAT</b> Sec. 31 - T. 41 S. R. 25 E. San Juan Co., Utah	
CLARK - REED & ASSOC. Durango, Colorado	DATE: June 9, 1965 FILE NO: 65044

July 2, 1965

Walter Duncan  
P. O. Box 137  
Durango, Colorado

Re: Notice of Intention to Drill Well No.  
NAVAJO 116-#3, 2008' FNL & 682' FEL,  
SW SE NE of Sec. 31, T. 41 S., R. 25 E.,  
SLEM, San Juan County, Utah.

Dear Sir:

Insofar as this office is concerned, approval to drill the above mentioned well is granted.

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. BURCKELL, Chief Petroleum Engineer  
Home: 277-2890 - Salt Lake City, Utah

-OR-

HARVEY L. COONTS, Petroleum Engineer  
Home: 487-1113 - Salt Lake City, Utah

Office: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if this well has not been spudded-in within said period.

Enclosed please find Form OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly accessible near surface

Walter Duncan

-2-

July 2, 1965

sands. Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT  
EXECUTIVE DIRECTOR

CBF:kgw

cc: P. T. McGrath, District Engineer  
U. S. Geological Survey  
Farmington, New Mexico

Enclosure - Forms

**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.  
**14-20-603-373**

**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. <input type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input type="checkbox"/> OTHER    <b>Plug and Abandon</b></p> <p>2. NAME OF OPERATOR <b>Zoller &amp; Danneberg</b></p> <p>3. ADDRESS OF OPERATOR <b>c/o Walter Duncan, Box 137, Durango, Colorado</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>2006' S/N, 682' W/E, Sec. 31, T41S-R25E</b></p>	<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo Tribal</b></p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <b>Navajo 116</b></p> <p>9. WELL NO. <b>3</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>Big Wash</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>31-41S-25E</b></p>		
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>4689' ground</b></p>	<p>12. COUNTY OR PARISH <b>San Juan</b></p>	<p>13. STATE <b>Utah</b></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 checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(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.)\*

**Confirming telephone call to USGS this date, we intend to plug and abandon with plugs to be set at:**

**Plug #1:            5190 - 5290**  
**Plug #2:            4340 - 4440**  
**Plug #3:            2380 - 2480**  
**Plug #4:            1255 - 1355**

**Will erect dry-hole marker.**

18. I hereby certify that the foregoing is true and correct  
 SIGNED *[Signature]* for Zoller & Danneberg DATE July 30, 1965

(This space for Federal or State office use)

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

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.  
**14-20-603-373**

**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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**Navajo Tribal**

1. OIL WELL  GAS WELL  OTHER  **Plugged and Abandoned**

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

**Zoller & Danneberg**

8. FARM OR LEASE NAME

**Navajo 116**

3. ADDRESS OF OPERATOR

**c/o Walter Duncan, Box 137, Durango, Colorado**

9. WELL NO.

**3**

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

**2008' S/N, 682' W/E, Sec. 31, T41S-R25E**

10. FIELD AND POOL, OR WILDCAT

**Big Wash**

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

**31-41S-25E**

14. PERMIT NO.

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

**4689' ground**

12. COUNTY OR PARISH

**San Juan**

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 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.)\*

**Plugged and abandoned on July 30, 1965.**

**Plugs set at:**

**Plug #1: 5190 - 5290**  
**Plug #2: 4340 - 4440**  
**Plug #3: 2380 - 2480**  
**Plug #4: 1255 - 1355**

**Dry-hole marker erected.**

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

SIGNED

*[Signature]*

for **Zoller & Danneberg**

DATE

**August 4, 1965**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATES\*

(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 **Abandoned**

2. NAME OF OPERATOR  
**Zoller & Danneberg**

3. ADDRESS OF OPERATOR  
**c/o Walter Duncan, Box 137, Durango, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **2008' S/N, 682' W/E, Sec. 31**  
At top prod. interval reported below **T418-R25E, SLM**  
At total depth \_\_\_\_\_

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

15. DATE SPUNDED **7-12-65** 16. DATE T.D. REACHED **7-30-65** 17. DATE COMPL. (Ready to prod.) \_\_\_\_\_ 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* **4689' ground**

20. TOTAL DEPTH, MD & TVD **5590'** 21. PLUG, BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS **X** 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 **Schlumberger Sonic Log--Gamma Ray; Induction -ES** 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>13-3/8</b>	<b>48#</b>	<b>163'</b>	<b>17</b>	<b>160sx 2% CaCl</b>	<b>None</b>
<b>8-5/8</b>	<b>24#</b>	<b>1305'</b>	<b>11-3/4</b>	<b>150sx 2% CaCl</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)  
-----

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) \_\_\_\_\_

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

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

35. LIST OF ATTACHMENTS  
**Logs being mailed directly from Schlumberger.**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] for **Zoller & Danneberg** DATE **August 5, 1965**

\*(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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	<b>Plugging Date:</b>		
		<b>Plug #1: 5190 - 5290</b> <b>Plug #2: 4140 - 4440</b> <b>Plug #3: 2380 - 2480</b> <b>Plug #4: 1255 - 1355</b>	
		<b>Dry-hole marker erected.</b>	
38.	<b>GEOLOGIC MARKERS</b>		
	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
	<b>Los Tons:</b> <b>De Chelly</b> <b>Organ Rock</b> <b>Hermosa</b> <b>Imsey</b> <b>Desert Creek</b>	<b>2450</b> <b>2700</b> <b>4393</b> <b>5238</b> <b>5432</b>	     