

# Subsequent Report of Abandonment

## FILE NOTATIONS

Entered in NID File

Entered on S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief *PMB*

Copy NID to Field Office

Approval Letter

Disapproval Letter

## COMPLETION DATA:

Date Well Completed \_\_\_\_\_

Location Inspected \_\_\_\_\_

OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

Bond released \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA

State of Fee Land \_\_\_\_\_

## LOGS FILED

Driller's Log *6/23/67*

Electric Logs (No. ) *2*

E \_\_\_\_\_

I \_\_\_\_\_

E-I

GR \_\_\_\_\_

GR-N \_\_\_\_\_

Micro \_\_\_\_\_

Lat \_\_\_\_\_

Mi-L \_\_\_\_\_

Sonic \_\_\_\_\_

Others *Acoustilog*

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  
Monsanto Company

3. ADDRESS OF OPERATOR  
900 Patterson Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
SE 1/4 NW or 1980' FNL & 1980' FWL Sec. 15

At proposed prod. zone

Vertical Hole

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

Approximately 6 miles South of Ismay Trading Post

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980

16. NO. OF ACRES IN LEASE  
1737.8

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. 1860

19. PROPOSED DEPTH  
5900

20. ROTARY OR CABLE TOOLS  
Rotary

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

5000' Est. GR

22. APPROX. DATE WORK WILL START\*  
April 6, 1967

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/4"	13 3/8"	48.0#	200	200 sacks
* 12 1/4"	8 5/8"	24.0#	1600	170 sacks

No water flows are anticipated on this well and any water sands encountered will be protected by mud behind production casing should the well be a producer.

\*Intermediate string will be set through the Navajo sand only if required to contain water flow.

Production casing, if run, will be 4 1/2" or 5 1/2" OD set through the pay and sufficiently cemented to segregate oil and gas strata.

Well location plats will be mailed by the surveyor to the USGS District Office in Farmington, New Mexico and the Oil & Gas Conservation Commission in Salt Lake City, Utah.

43-037-20210

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.

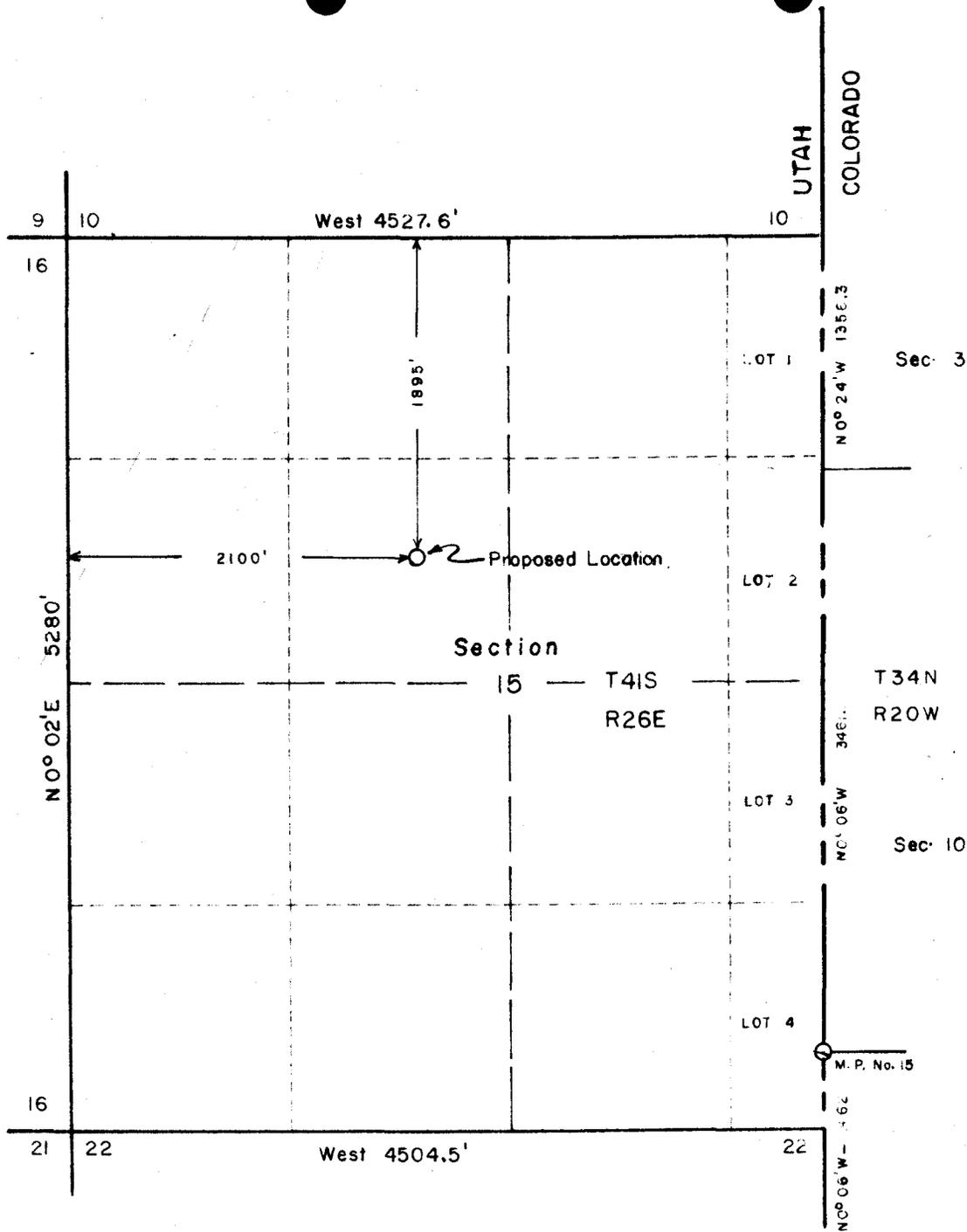
24. SIGNED [Signature] TITLE District Production Supt. DATE March 29, 1967

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:



**WELL LOCATION: Monsanto Company - Navajo No. 15-2**

Located 1895 feet South of the North line and 2100 feet East of the West line of Section 15  
 Township 41 South Range 26 East Salt Lake Base & Meridian  
 San Juan Co., Utah  
 Existing ground elevation determined at 5043 feet based on U.S.G.S. Datum

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 No. 2689



<b>MONSANTO COMPANY</b> Denver, Colorado	
<b>WELL LOCATION PLAT</b> Sec. 15, T41S, R26E. San Juan Co. Utah	
CLARK-REED & ASSOC. Durango, Colorado	DATE: March 31, 1967 FILE NO: 67023

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  
Monsanto Company

3. ADDRESS OF OPERATOR  
900 Patterson Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
**\*\* SE NW or 1980' FNL & 1980' FWL Sec. 15**  
 At proposed prod. zone  
Vertical Hole

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 6 miles South of Ismay Trading Post

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
1980

16. NO. OF ACRES IN LEASE  
1737.8

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.  
1860

19. PROPOSED DEPTH  
5900

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5000' Est. GR

22. APPROX. DATE WORK WILL START\*  
April 6, 1967

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/4"	13 3/8"	48.0#	200	200 sacks
* 12 1/4"	8 5/8"	24.0#	1600	170 sacks

No water flows are anticipated on this well and any water sands encountered will be protected by mud behind production casing should the well be a producer.

\*Intermediate string will be set through the Navajo sand only if required to contain water flow.

Production casing, if run, will be 4 1/2" or 5 1/2" OD set through the pay and sufficiently cemented to segregate oil and gas strata.

Well location plats will be mailed by the surveyor to the USGS District Office in Farmington, New Mexico and the Oil & Gas Conservation Commission in Salt Lake City, Utah.

\*\* Supplemental report for correction in location description was reported as: SW NW or 1980' FNL & 1980' FWL. Corrected report is: SE NW or 1980' FNL & 1980' 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 [Signature] TITLE District Production Supt. DATE March 30, 1967

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-603-2060

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Navajo 15

9. WELL NO.  
2

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
Sec. 15, T41S, R26E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

Item 33: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 12: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 14: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 15: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 16: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 17: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 18: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 19: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 20: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 21: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 22: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 23: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 24: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 25: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 26: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 27: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 28: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 29: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 30: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 31: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540. Item 32: Copy to be made of this application and submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20540.

March 30, 1967

Monsanto Company  
900 Patterson Building  
Denver, Colorado 80202

Re: Well No. Navajo #15-2,  
Sec. 15, T. 41 S., R. 26 E.,  
San Juan County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted. However, this approval is conditional upon a surveyor's plat being furnished this office in accordance with Rule C-4(a), General Rules and Regulations and Rules of Practice and Procedure.

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 - Salt Lake City, Utah  
OFFICE: 328-5771 - 328-5772 - 328-5773

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

Enclosed please find Form OCCC-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.

Monsanto Company

-2-

March 30, 1967

The API number assigned to this well is 43-037-20210  
(see Bulletin DL2 published by the American Petroleum In-  
stitute).

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:sc

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

W. O. Arns, Chief Location Engineer  
Utah State Department of Highways  
State Office Building  
Salt Lake City, Utah

Re: Monsanto Company  
Well No. Navajo #15-2  
1980' FNL & 1980' FWL, C SE NW  
Sec. 15, T. 41 S., R. 26 E.,  
San Juan County, Utah

Dear Mr. Arns:

Approval to drill the above mentioned well has been granted this date.

Would you please advise this Commission immediately if the well location is on or in close proximity to any highway which the Department of Highways intends to construct in the near future.

Thank you for your cooperation in this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

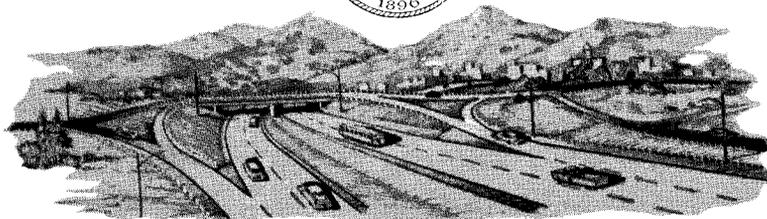
CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:cnp



DIRECTOR  
HENRY C. HELLAND

STATE HIGHWAY ENGINEER  
BLAINE J. KAY



## Utah State Department of Highways

State Office Building  
Salt Lake City, Utah 84114

April 5, 1967

Mr. Cleon B. Feight  
Executive Director  
Oil & Gas Conservative Commission  
348 East South Temple, Suite 301  
Salt Lake City, Utah 84111

Dear Mr. Feight:

Re: Monsanto Company; Well No. Navajo #15-2  
1980' FNL & 1980' FWL, C SE NW; Sec. 15,  
T. 41 S., R 26 E., San Juan County, Utah

The above described well location is neither close to a State highway nor is it in an area in which we plan a State highway improvement.

Thank you for your cooperation.

Very truly yours,

W. O. Arns  
Chief Location Engineer

Shawn

State of Utah

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS OR REVERSE SIDE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

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 Hole</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>14-20-603-2060</b>
2. NAME OF OPERATOR <b>Monsanto Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo Tribal</b>
3. ADDRESS OF OPERATOR <b>900 Patterson Building, Denver, Colorado 80202</b>		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>SE NW or 1893' FNL &amp; 2100' FWL Sec. 15</b>		8. FARM OR LEASE NAME <b>Navajo 15</b>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5056 DF</b>	9. WELL NO. <b>2</b>
		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>15, T41S, R26E</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"/>	FULL 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.)\*

Confirming phone conversation - request permission to plug and abandon as follows:

- 5957-5700 - 72 sacks of cement.
- 4850-4750 - 29 sacks of cement.
- 3050-2950 - 29 sacks of cement.
- 1700-1600 - 29 sacks of cement.
- 200-175 - 20 sacks of cement.
- 15-0 - 15 sacks of cement.

This document is the property of the U.S. Geological Survey. It is loaned to you for your use only. It is not to be distributed outside your organization. If you have any questions, please contact the nearest office of the U.S. Geological Survey.

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

SIGNED [Signature] TITLE District Engineer DATE June 22, 1967

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT APPLICATION\*  
(Other information on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2060

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo 15

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

15, T41S, R26E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1.

OIL WELL  GAS WELL  OTHER  Dry Hole

2. NAME OF OPERATOR

Monsanto Company

3. ADDRESS OF OPERATOR

900 Patterson Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)  
At surface

SE NW or 1893' FNL & 2100' FWL.

14. PERMIT NO.

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

5056 DF

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.)\*

At TD of 5957 on May 3, 1967, this well was plugged and abandoned. Cement plugs as described below were pumped through the drill pipe and heavily mud laden fluid remains between the plugs.

- Plug No. 1 5957-5700 with 72 sacks of cement
- Plug No. 2 4850-4750 with 29 sacks of cement
- Plug No. 3 3050-2950 with 29 sacks of cement
- Plug No. 4 1700-1600 with 29 sacks of cement
- Plug No. 5 200- 175 with 20 sacks of cement
- Plug No. 6 15-0 with 15 sacks of cement.

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

SIGNED

*[Signature]*

TITLE

District Engineer

DATE June 22, 1967

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

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 \*

a. 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  
Monsanto Company

3. ADDRESS OF OPERATOR  
900 Patterson Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface SE NW or 1893' FNL & 2100 FWL Sec. 15  
At top prod. interval reported below  
At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED March 31, 1967

Vertical Hole

15. DATE SPUNDED 4/9/67 16. DATE T.D. REACHED 5/1/67 17. DATE COMPL. (Ready to prod.) - 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5056 DF 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 5957 21. PLUG, BACK T.D., MD & TVD - 22. IF MULTIPLE COMPL., HOW MANY\* - 23. INTERVALS DRILLED BY → ROTARY TOOLS 5957 CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* None 25. WAS DIRECTIONAL SURVEY MADE Max. 5 1/2 deg. at 1949

26. TYPE ELECTRIC AND OTHER LOGS RUN Iane Wells, GR-Acoustilog w/caliper and induction Electrolog 27. WAS WELL CORED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>13 3/8"</u>	<u>48.0#</u>	<u>198</u>	<u>17 1/4"</u>	<u>200 sx. reg. 2% CaCl</u>	<u>None</u>

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)

Plugged and Abandoned 5/3/67

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

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  
Core and DST's

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

SIGNED [Signature] TITLE District Engineer DATE June 23, 1967

# 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.)

38.

**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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Core #1 Ismay	5803	5852	Description Attached	Bluff	793	793
Core #2 Ismay	5852	5887	Description Attached	Navajo	1240	1240
DST #1 Ismay	5847	5862	Description Attached	Wingate	1460	1460
DST #2 Ismay	5883	5892	Description Attached	Chinle	1800	1800
				Shinarump	2700	2700
				DeChelley	2972	2972
				Cutler	3065	3065
				Hermosa	4840	4840
				Upper Ismay	5750	5750
				Lower Ismay	5881	5881

GEOLOGIC MARKERS

JUN 28 1967

FILE IN QUADRUPPLICATE

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
348 EAST SOUTH TEMPLE  
SUITE 301  
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Navajo 15 No. 2  
Operator Monsanto Company Address 900 Patterson Building  
Denver, Colorado Phone 222-5641  
Contractor Arapahoe Drilling Company Address 1818 Security Life Building  
Denver, Colorado Phone 534-2723  
Location SE 1/4 NW 1/4 Sec. 15 T. 41S N R. 26 E San Juan 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>Navajo</u>	<u>1240-1460</u>	<u>Not Measured</u>	<u>Not Available</u>
2.	<u>DeChelley</u>	<u>2972-3065</u>	<u>Not Measured</u>	<u>Not Available</u>
3.				
4.				
5.				

(Continued on reverse side if necessary)

<u>Formation Tops:</u>	<u>Bluff 793-1240</u>	<u>Shinarump 2700-2760</u>	<u>Upper Ismay 5750-5881</u>
	<u>Navajo 1240-1460</u>	<u>DeChelley 2972-3065</u>	<u>Lower Ismay 5881-5922</u>
	<u>Wingate 1460-1800</u>	<u>Cutler 3065-4840</u>	
	<u>Chinle 1800-2700</u>	<u>Hermosa 4840-5750</u>	

Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform the Commission.
  - (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.

Navajo 15-2 Well - Cores & DST's

Core #1 Ismay - 5803-5852 Recovered 39½'

27' dolomite, anhydrite-shaley N.S.  
2' Ls., argel. dense.  
2' dolomite, argel. dense.  
4' Ls. shaley  
2' dolomite, anhy. dense.  
2½' Ls. anhy. dense.

Core #2 Ismay - 5852-5887 Recovered 31½'.

4' Ls. anhy. N.S.  
1' dolomite, anhy. inclusions N.S.  
1½' Ls. dense.  
1' dolomite, shaley.  
9½' Ls., f. to g. vuggy porosity, fair stn. & flare 7'.  
8' dolomite, dense N.S.  
3' Ls. gry. shaley.  
3½' Shale

DST #1 Ismay - 5847-5862  
Recovered 1290' fluid, 270' SGCM, 390' GCMW, 630 SW.  
1st Flow 115# - 186# 20 min.  
1st SI 1947# 30 min.  
2nd Flow 215# - 287# 30 min.  
2nd SI 1990# 60 min.  
3rd Flow 330# - 387# in 60 min.  
3rd SI 2061# in 180 min.

DST #2 Ismay - 5883-5892  
Very weak blow dead in 55 min. Recovered 330' fluid,  
30' mud, 300' SGC&SWCM.  
1st Flow 112# - 169# in 40 min.  
1st SI 169# in 30 min.  
2nd Flow 169# in 30 min.  
2nd SI 169# in 60 min.  
3rd Flow 169# in 30 min.  
3rd SI 205# in 120 min.