

FILE NOTATIONS

Entered in N I D File

Entered On S R Sheet _____

Location Map Pinned Card Indexed

I W R for State or Fee Land _____

Checked by Chief PMBCopy N I D to Field Office ACApproval Letter

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 8-17-65

Location Inspected _____

OW _____ WW _____ TA _____

Bond released _____

GW _____ OS _____ PA X

State of Fee Land _____

LOGS FILED

Driller's Log 8-26-65Electric Logs (No.) 2E _____ I _____ E-I GR _____ GR-N _____ Micro _____Lat _____ Mi-L _____ Sonic GR Others _____Subsequent Report of Abandonment

State of Utah
Oil and Gas Conservation Commission

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.



DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2050
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal
2. NAME OF OPERATOR Monsanto Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 900 Patterson Building, Denver, Colorado 80202		8. FARM OR LEASE NAME Navajo 15
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface NW SW or 1980 FSL and 660 FWL of Sec. 15 At proposed prod. zone Vertical Hole		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 6 miles south of Ismay Trading Post or two miles southwest of Cache Field.		10. FIELD AND POOL, OR WILDCAT Wildcat
11. NO. OF ACRES IN LEASE 1,737.80	12. COUNTY OR PARISH San Juan	13. STATE Utah
15. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None	16. NO. OF ACRES ASSIGNED TO THIS WELL	17. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 15, T41S, R26E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None	19. PROPOSED DEPTH 5,850	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)		22. APPROX. DATE WORK WILL START* July 19, 1965

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17	13 3/8	48	100	65 sks.
12 1/4	8 5/8	24	1,650	165 sks.

Production casing, if run, shall be 5 1/2" OD 15 1/2# J-55, set through the pay and sufficiently cemented to confine all oil, gas and water bearing strata.

Well location survey plats will be mailed by the Surveyor to the U.S.G.S. district office in Farmington, New Mexico, and the Oil and Gas Conservation Commission in Salt Lake City, 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 _____ TITLE Dist. Prod. Supt. DATE July 13, 1965

(This space for Federal or State office use)

ORIGINAL SIGNED

PERMIT NO. E. MURPHY, JR. APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

July 14, 1965

Monsanto Company
900 Patterson Building
Denver, Colorado 80202

Attention: Mr. J. Murphy, Jr., District Production Superintendent

Re: Notice of Intention to Drill Well No.
NAVAJO 15-#1, 1980' FSL & 660' FWL,
C NW SW of Sec. 15, T. 41 S., R. 26 E.,
SLM, 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, Utah State Oil and Gas Conservation Commission.

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

-OR-

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

-OR-

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

Monsanto Company

-2-

July 14, 1965

(aquifers) are encountered while drilling, particularly accessible near surface water sands.

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

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FRIGHT
EXECUTIVE DIRECTOR

CBF:kgw

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

Enclosure - Forms

TIGHT HOLE

RELEASED

PLUGGING PROGRAM FORM

Name of Company MONSANTO CO Verbal Approval Given To: ED SCHOLL

Well Name: MAU 15-1 Sec. 15 T. 41 R. 26E County: SAN JUAN County

Verbal Approval was given to plug the above mentioned well in the following manner:

- PLUGS
- T.D.(?) - DESERT CREEK - 5730'
 - ISMAy - 5640' - (5550' - 5730')
 - HERMOSA - 4630' - (4580' - 4680')
 - Dechellay - 2850 - (2770' - 2890')
 - SURFACE PIPE 1650' - (1600' - 1700')

Plugged Aug 16, 1965

Date Verbally Approved: August 16, 1965 Signed: Harry L Coonts

STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION

AFFIDAVIT AND RECORD OF ABANDONMENT AND PLUGGING

PLUGGING METHODS AND PROCEDURE: --The method and procedure for plugging a well shall be as follows:

- (a) The bottom of the hole shall be filled to, or a bridge shall be placed at the top of each producing formation open to the well bore, and in either event, a cement plug not less than fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore whenever possible.
- (b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet above and below all fresh water bearing strata.
- (c) A plug shall be placed at or near the surface of the ground in each hole.
- (d) The interval between plugs shall be filled with heavy mud-laden fluid.
- (e) The hole shall be plugged with heavy mud up to the base of the surface string at which point a plug of not less than fifty (50) feet of cement shall be placed.

Field or Pool Wildcat County San Juan
 Lease Name Navajo Well No. 15-1 Sec. 15 Twp. 41S R. 26E
 Date well was plugged: August 17, 19 65

Was the well plugged according to regulation of the Commission: Yes

Set out method used in plugging the well, the nature and quantities of materials used in plugging, size of plugs, location and extent (by depths) of the plugs of different materials, and the amount of casing left in hole, (giving size, top and bottom elevations of each section of abandoned casing).

Plug	Interval	Size	Casing left in hole
1	5860-5760	35 sx.	
2	5550-5730	65 sx.	
3	4580-4680	35 sx.	13-3/8 - surface to 120'
4	2770-2890	40 sx.	
5	1600-1700	35 sx.	8-5/8 - surface to 1649'

Operator Monsanto Company
 Address 900 Patterson Building
Denver, Colorado 80202

AFFIDAVIT

STATE OF ~~UTAH~~ COLORADO
COUNTY OF DENVER

Before me, the undersigned authority on this day personally appeared J. Murphy, Jr. known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein, and that said report is true and correct.

Subscribed and sworn to before me this 24th day of August, 19 65

My Commission Expires: October 30, 1968

[Signature]
NOTARY PUBLIC

INSTRUCTIONS: Complete this form, in duplicate, and mail both copies to the Oil & Gas Conservation Commission, Room 140, State Capitol Building, Salt Lake City 14, Utah.

August 26, 1965

Monsanto Company
900 Patterson Building
Denver, Colorado 80202

Re: Well No. Navajo 15-#1,
Sec. 15, T. 41 S., R. 26 E.,
San Juan County, Utah.

Gentlemen:

Reference is made to the telephone conversation of August, 1965, in which it was requested by your office that the above mentioned well be held Confidential by this Commission.

It would be appreciated if we could receive from your office a letter stating you wish this well held Confidential and the time you wish this well released.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

SHARON C. HUNT
CLERK

sch

Monsanto

C O M P A N Y

HYDROCARBONS DIVISION

900 Patterson Building
Denver, Colorado 80202
(303) ACom 2-5641

August 30, 1965

The State of Utah
Oil & Gas Conservation Commission
348 East South Temple - Suite 301
Salt Lake City, Utah 84111

Attention: Sharon C. Hunt

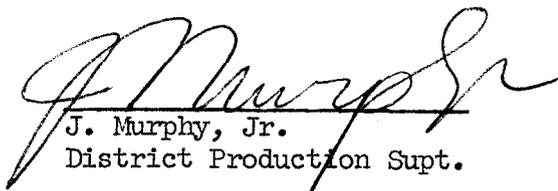
Re: Well No. Navajo 15-1
Sec. 15, T41S, R26E,
San Juan County, Utah.

Gentlemen:

In reply to your letter of August 26, 1965, please be advised information pertaining to the above well is no longer confidential and may be released.

Very truly yours, ✓

MONSANTO COMPANY


J. Murphy, Jr.
District Production Supt.

JM:rp

November 23, 1965

Monsanto Company
900 Patterson Building
Denver, Colorado 80202

Re: Well No. Navajo 15-#1
Sec. 15, T. 1 S., R. 26 E.,
San Juan County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radio-activity logs for the above mentioned well are due and have not been filed with this Commission as required by our rules and regulations.

If electric and/or radioactivity logs were not run, please make a statement to that effect in order to keep our records accurate and complete.

Thank you for your cooperation in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANNETTE R. HANSEN
RECORDS CLERK

arh

P.S. Also, please complete the enclosed forms in quadruplicate and return them to us as soon as possible.

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 15-1

Operator Monsanto Company Address 900 Patterson Bldg. Denver, Colo. 80202 Phone 222-5441 (303)

Contractor Arapahoe Drilling Co. Address P.O. Box 22273 Denver, Colo. Phone 757-5431 (303)

Location 1/4 1/4 Sec. 15 T. 41 N R. 26 E San Juan County, Utah.
 W
 X

Water Sands:

From	Depth		Volume	Quality
	KB	KB		
From	To		Flow Rate or Head	Fresh or Salty
1.	Top Navajo est 1010'	(behind sur. csg.)	Not measured	Not avail.
2.	2350-2370	(DeChally)	Not measured	Not avail.
3.				
4.				
5.				

(Continued on reverse side if necessary)

Formation Tops:

<u>Hemose</u>	<u>4630</u>	<u>Middle Dense</u>	<u>5622</u>	<u>Bottom Isany</u>	<u>5716</u>
<u>Boundary Butte</u>	<u>5550</u>	<u>Lower S-13</u>	<u>5634</u>	<u>Desert Creek</u>	<u>5752</u>
<u>Remarks:</u>	<u>5603</u>	<u>Isany</u>	<u>5653</u>	<u>Bottom Desert Creek</u>	<u>5852</u>

- 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.

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
C NW SW or 1980 FSL and 660 FWL of Sec. 15
 At proposed prod. zone
Vertical Hole

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approx. 6 miles south of Ismay Trading Post or two miles southwest of Cache Field.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
660

16. NO. OF ACRES IN LEASE
1,737.80

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
None

19. PROPOSED DEPTH
3,850

20. ROTARY OR CABLE TOOLS
Rotary

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

22. APPROX. DATE WORK WILL START*
July 19, 1965

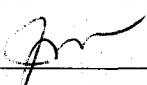
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17	13 3/8	48 F-25 OR H-40	100	65 sks.
12 1/4	8 5/8	24 F-25 OR T-25	1,650	165 sks.

Production casing, if run, shall be 5 1/2" OD 15 1/2# J-55, set through the pay and sufficiently cemented to confine all oil, gas and water bearing strata.

Well location survey plats will be mailed by the Surveyor to the U.S.G.S. district office in Farmington, New Mexico, and the Oil and Gas Conservation Commission in Salt Lake City, 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.

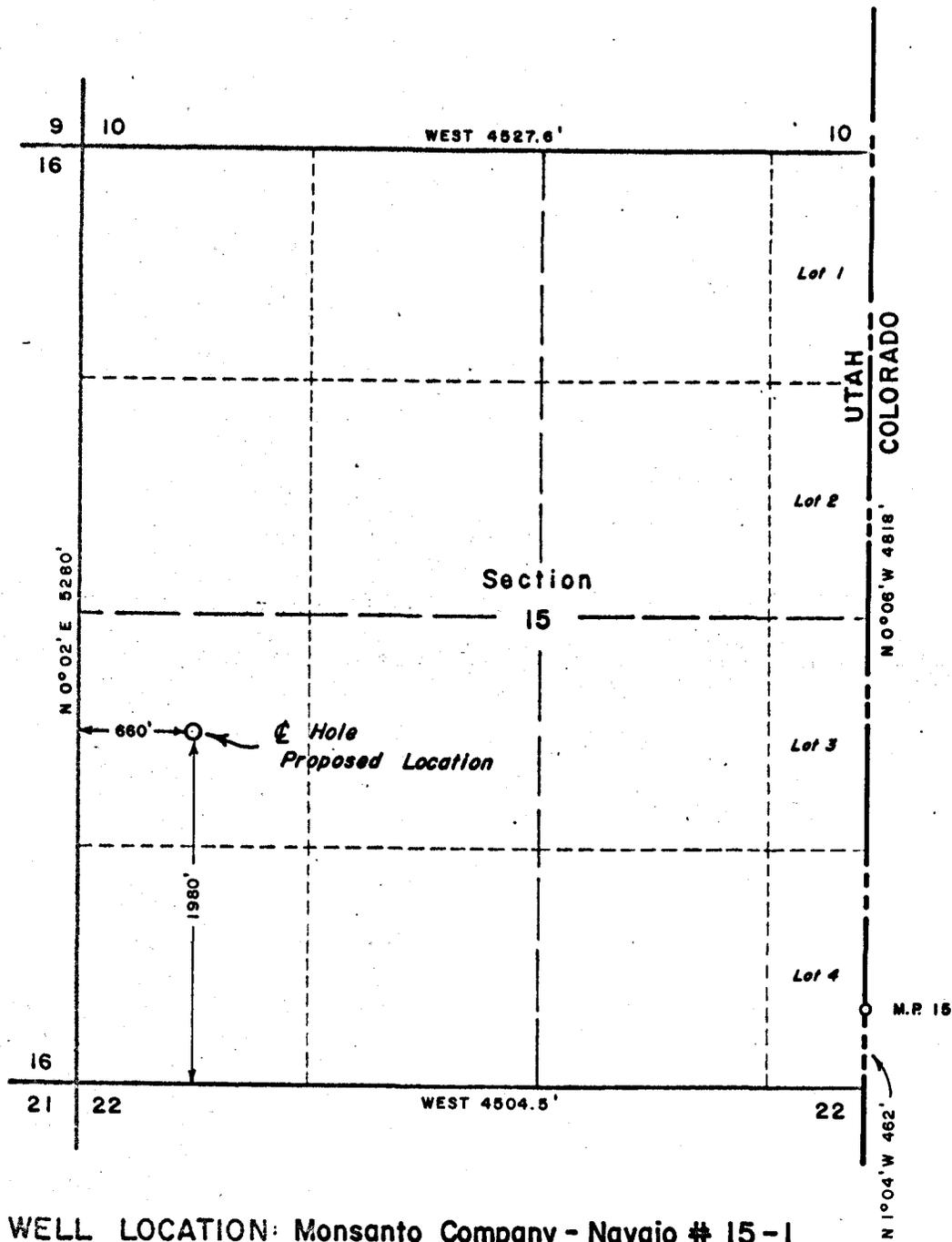
24. ORIGINAL SIGNED
 SIGNED **J. MURPHY, JR.**  TITLE **Dist. Prod. Supt.** DATE **July 13, 1965**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



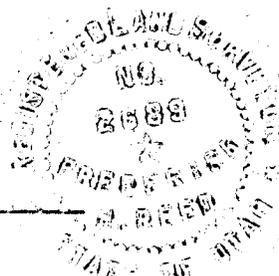
WELL LOCATION: Monsanto Company - Navajo # 15-1

Located 1980 feet North of the South line and 660 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 4830 feet based on adjoining well locations.

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



MONSANTO COMPANY Denver, Colorado	
WELL LOCATION PLAT Sec. 15-T. 41 S.-R. 26 E. San Juan Co., Utah	
CLARK-REED & ASSOC. Durango, Colorado	DATE: July 17, 1965 FILE NO: 65056

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS MANNER*
(Other instructions on reverse 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.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 15, T41S, R26E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

1.

OIL WELL GAS WELL OTHER **Dry Hole**

2. NAME OF OPERATOR

Monument 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

NW SW or 1980 FSL & 660 FWL of Sec. 15.

14. PERMIT NO.

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

4843 KB

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 5872 feet, on August 17, 1965, this well was plugged and abandoned. Cement plugs as follows were applied by pump through drill pipe and heavily mud laden fluid remains between the plugs. This well may possibly be used as a water well by the Indians. Casing left in hole: 13 3/8 surface to 120', 8 5/8 surface to 1649'.

Plug #1	5860-5760	35 sacks
Plug #2	5550-5730	65 sacks
Plug #3	4580-4680	35 sacks
Plug #4	2770-2890	40 sacks
Plug #5	1600-1700	35 sacks

Pits are to remain open until sufficiently dehydrated.

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

SIGNED

TITLE

Dist. Prod. Supt.

DATE

August 24, 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 DUPLICATE

(See other In-
structions 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
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 **1/4 NW or 1/4 SE of 1/4 Sec. 15**
At top prod. interval reported below
At total depth **2000 ft**

14. PERMIT NO. _____ DATE ISSUED **7/24/65**

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.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 15, T41S, R26E

12. COUNTY OR PARISH **San Juan** 13. STATE **Utah**

15. DATE SPUN **7/22/65** 16. DATE T.D. REACHED **8/19/65** 17. DATE COMPL. (Ready to prod.) **-** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **4843 RKB** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **TVD 5372** 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)* **None** 25. WAS DIRECTIONAL SURVEY MADE **Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN **Induction Electric Log - Sonic Gamma Ray** 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
13 3/8	48	120	17"	65 sacks	None
8 5/8	24	1649	12 1/4"	650 sacks	None

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 8-17-65.

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

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

SIGNED **ORLANDO BUNY** TITLE **District Prod. Supt.** DATE **8-24-65**

*(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

DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

MEAS. DEPTH TOP TRUE VERT. DEPTH

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Imney	5604	5707	<p>DEEP 3-40 5 min. SI 2 hrs. 13 min. Opened w/strong blow. 2nd flow 1 hr. Blow decr. to 2. C/S in 40 min. to wt. blow in 50 min., 9-9 MCF/D at 40 min. 9.4 MCF/D in 45 min. 8.5 MCF in 1 hr. SI 2 hrs. TO 2 hrs. wt. blow decr in 40 min. SI 5 hrs. Reversed out 50 BF no shales out 3/8 cdl. Last 400' wtr. in DC 87% wtr. 13% cdl. IF 5 min. 463-576, ISI 2 hrs. 13 min. 2204', 1st flow 1 hr. 599-6087, 1st SI 2 hrs. 2204', 2nd flow 2 hrs. 2128-2199, 2nd SI 5 hrs. 2204', 677. 42.9 at 60 deg. F. CI 31,000 PA.</p> <p>DEEP 2-30 5 min., SI 30 min, IF 18 pdt 7728 pdt DEEP 2153 pdt, TO 1 hr. wt. blow throughout IF 35, IF 141, SI 1 hr. 2020 pdt. TO 1 hr. wt. blow IF 151 pdt, IF 255 pdt, SI 3 hrs. 2133 pdt, III 3296, PA 3296, Inc. 450' fluid, 270' SHOWN, 180' NEW.</p> <p>DEEP 3-5 min. prod flow-fair incr. to 8. in 5 min., IF 242, IF 407, 30 min. SI-2220 pdt 60 min. flow-f. incr. to 8. in 5 min., IF 455, IF 1889, (See attached sheet)</p>	Barcross Boundary Butte Upper Imney Imney Lower Imney Desert Creek B/Desert Creek	4630 5550 5608 5658 5716 5752 5852		Straight
Imney	5602	5654					
Imney	5652	5683					

Timmy

5652

5683

DET/3 (Continued)

60 min. SI - 2,220 psi. 90 min. flow, GFS 70 min.

IF 1907, FF 2215, 2 1/2 hrs. SI - 2,220 psi.

Pulled to fluid and reversed out. Had 4920 feet
fluid in pipe top 90' was SEMI. Samples during
reverse: 3.1% oil, 2.8% oil, 1.2% oil, 1.0% oil,
.8% oil, trace, 0.