

Called Ed Scholl 10/28/66 about not setting Intermediate string;

Down on Valley - set casing

On Top Mesa - do not have to set (due to hydrate hazard)
However, setting up possible Water Separator (McCoy - Meyer) and
low rate (Do Chelly). Ed will consider problem
and submit report. DV tool ok but have setlog of pipe.

Possible well mud in annulus will prevent separator,
particularly since there is no mud loss when drilling.

JWB

Monsanto

C O M P A N Y

HYDROCARBONS & POLYMERS DIVISION

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

October 20, 1966

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

Attention: Mr. Cleon B. Feight
Executive Director

Re: Monsanto Company-South Ismay No. 6
Sec. 5, T41S, R26E
San Juan County, Utah

Gentlemen:

Please be advised that the undersigned, as interested operators in cornering or adjoining drilling units to the captioned South Ismay No. 6, have no objection to locating the well at 1903 feet south of the north line and 360 feet east of the west line of Sec. 5, Township 41 South, Range 26 East, San Juan County, Utah.

It is understood that Cause No. 109-1 provides that no well will be located within 500 feet from the exterior boundary of the legal subdivision unless topographical reasons prevent compliance. In this event, an exception may be granted without hearing or notice with the consent of offset operators. The proposed location is 360' feet from the west exterior boundary of the drilling unit.

We respectfully request approval of Monsanto Company's application.

Texaco, Inc.

By J. J. Neice

Pan American Petroleum Corporation

By Sidney B. Richards

Kimbark Exploration, Ltd.

By W. K. Anderson

Zoller and Danneberg

[Signature]
[Signature]

Warrior Oil Company

William M. Shering

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
NWSW NW or 1903' SNL & 360 EWL
 At proposed prod. zone

Vertical Hole

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
5 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)
360'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1795'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4812' GR

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-708

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
So. Ismay

9. WELL NO.
6

10. FIELD AND POOL, OR WILDCAT
McElmo Mesa

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 5, T41S, R26E

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

16. NO. OF ACRES IN LEASE
2560

17. NO. OF ACRES ASSIGNED TO THIS WELL
80

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
October 27, 1966

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13 3/8" ✓	48.0#	150'	150' ✓

Intermediate string consisting of 8 5/8" OD, 24.0#, J-55, ST&C casing will be set through the Navajo sand into the Chinle shale only if required to control water flow.

Production casing, if run, will be 5 1/2", 15.5# J-55, ST&C set through the pay and sufficiently cemented to confine all oil, gas, and water bearing 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.

43-037-20152

Case 109-1 Dated: March 11, 1965 Drilling Unit # 8

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 Engineer DATE October 20, 1966

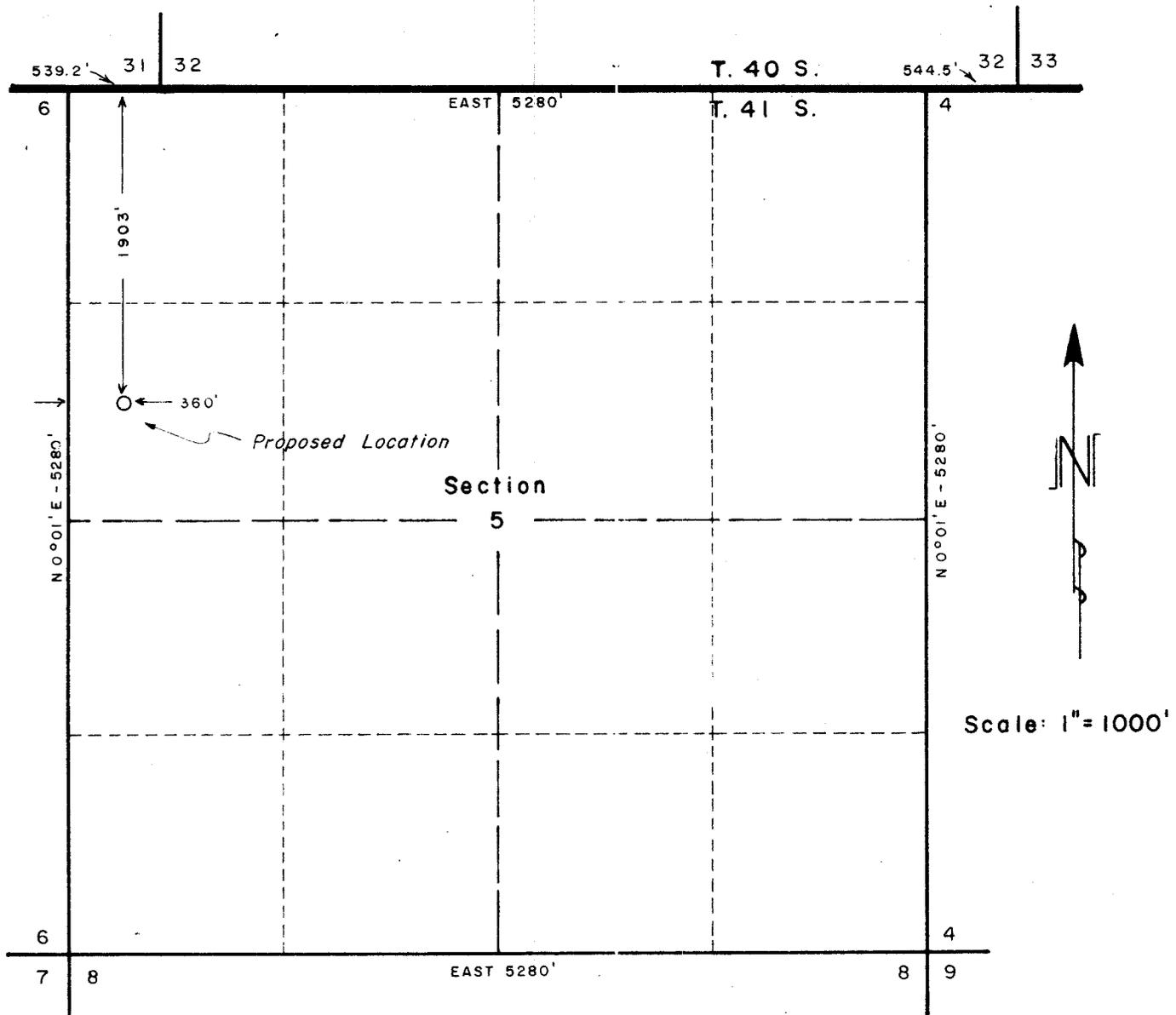
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



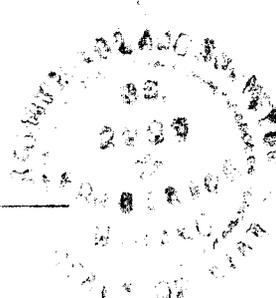
WELL LOCATION: Monsanto Company - South Ismay No. 6

Located 1903 feet South of the North line and 360 feet East of the West line of Section 5,
 Township 41 South, Range 26 East, Salt Lake Base & Meridian.
 San Juan Co., Utah
 Existing ground elevation determined at 4812 feet based on U.S.G.S.

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. 5 - T. 41 S. - R. 26 E. San Juan Co., Utah	
CLARK - REED & ASSOC. Durango, Colorado	DATE: Oct. 20, 1966 FILE NO: 66095

Monsanto

C O M P A N Y

HYDROCARBONS & POLYMERS DIVISION

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

October 21, 1966

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

Attention: Mr. Cleon B. Beight
Executive Director

Re: Application for Exception
Location for Topographical
Reasons, McElmo Mesa Pool
South Ismay No. 6, Drilling
Unit No. 8, Sec. 5, T41S, R26E,
San Juan County, Utah

Gentlemen:

Monsanto Company respectfully requests an exception to the Order issued in Cause No. 109-1 to allow the captioned South Ismay No. 6 to be located 1903 feet south of the north line and 360 feet east of the west line of Section 5, Township 41 South, Range 26 East, San Juan County, Utah. The exception is being requested for topographical reasons.

Cause No. 109-1 provides for well locations not less than 500 feet from the legal subdivision. Provision is also made for granting exception locations without notice or hearing for topographical reasons and with consent of offset operators.

In surveying and staking the location, the terrain is such that earth moving work would cost from \$8,000 to \$12,000 to drill within 500 feet of the legal subdivision boundaries. Moving the location in a westerly direction to a point 360 feet from the nearest legal subdivision boundary will cost about \$5,000 for location work.

The State of Utah
Page 2
October 21, 1966

The additional \$3,000 to \$7,000 expenditure to locate within 500 feet is not warranted when a more suitable surface location is available 140 feet west of the prescribed limit.

Monsanto Company respectfully requests approval of this application without notice or hearing. Attached is a letter stating no objection to the proposed exception location from all offset operators.

Very truly yours,

MONSANTO COMPANY



E. M. Scholl

EMS:rp

Attachment

STATE OF UTAH
DEPARTMENTAL MEMORANDUM

DATE:

FILE:

SUBJECT:

DEPARTMENT

DIVISION

TO

DIVISION

October 26, 1966

Monsanto Company
900 Patterson Building
Denver, Colorado 80202

Re: Well No. Ho. Ismay #6,
Drilling Unit #8,
Sec. 5, 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 in accordance with the Order issued in Cause No. 109-1, dated March 11, 1965, and with your letter dated October 21, 1966.

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 OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly accessible near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

The API number assigned to this well is 43-037-20152 (see Bulletin D12 published by the American Petroleum Institute).

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

UNITED STATES GOVERNMENT

Memorandum

TO : PAUL BURCHELL
UTAH O & G CONS. COMM.

FROM : JERRY LONG

DATE: 11/3/66

SUBJECT:

John Anderson and Phil Mc Gath will be in Salt Lake City for the Nov. 10 hearing. Mr. Anderson also wants to meet with you concerning pollution.

I still plan to attend the Pool Meeting on November 17. It might be better for me if you could arrange ~~something~~ a morning meeting. (over)

We have been requiring intermediate casing in the Cache Area only when there is a fresh water flow. Most of the producing wells in the Cache Pool have about 1500' of intermediate casing. I do not recall any lost circulation zones below the Navajo fresh water sand.

Jerry

9961 2 AON

Pan Am ran extensive tests on one well and could find no porous zone between the Kingah and Hermosa. They ran the tests to find a porous zone for salt water injection. It appears that any salt water injection will have to be in the Pennsylvanian.



File in 76

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 959
Farmington, New Mexico 87401

Nov. 4, 1966

Utah Oil and Gas Conservation Commission
348 East South Temple
Suite 301
Salt Lake City, Utah 84111

Attention: Mr. Paul Burchell

Gentlemen:

Your letter of October 31 requests our opinion on the practice of some operators in the McElmo Mesa field of not running a string of casing through the Navajo sand unless they get a flow of water from this sand. We have no objection to this procedure so long as there is good mud behind the production casing.

Sincerely yours,

P. T. McGrath

P. T. McGrath
District Engineer

PMB

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-708

6. INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribal

7. UNIT AGREEMENT NAME

So. Ismay

8. FARM OR LEASE NAME

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

McElmo Mesa

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

Sec. 5, T41S, R26E

12. COUNTY OR PARISH, 13. STATE

San Juan Utah

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 GAS WELL 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.*
See also space 17 below.)
At surface

SW NW or 1903' SNL & 360 EWL

14. PERMIT NO.

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

4812' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

Drilling

(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.)*

October

Well was spudded 10/30/66 and as of 11/1/66 was drilling at 1265'.

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

SIGNED

TITLE Dis. Prod. Supt.

DATE November 21, 1966

(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 TR (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.)

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-708

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

So. Ismay

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

McElmo Mesa

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

Sec. 5, T41S, R26E

12. COUNTY OR PARISH 13. STATE

San Juan 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

SW NW or 1903' SNL & 360' EWL.

14. PERMIT NO.

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

4841 KB 4830 GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF []

PULL OR ALTER CASING []

WATER SHUT-OFF []

REPAIRING WELL []

FRACTURE TREAT []

MULTIPLE COMPLETE []

FRACTURE TREATMENT []

ALTERING CASING []

SHOOT OR ACIDIZE []

ABANDON* []

SHOOTING OR ACIDIZING []

ABANDONMENT* [X]

REPAIR WELL []

CHANGE PLANS []

(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.)*

November 21, 1966, at TD of 5690', this well was plugged and abandoned. Cement plugs were applied by pump through drill pipe with heavily mud laden fluid between plugs.

Casing left in hole was: 149' of 13 3/8", 48.0#, H-40 Surface 1573' of 8 5/8", 24.0#, J-55 Intermediate

Cement plugs set as follows: 5690-5440' with 43 sacks. 4640-4590' with 29 sacks. 2780-2680' with 29 sacks. 20-0' with 8 sacks.

Pits will remain open until sufficiently dehydrated.

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

SIGNED

TITLE District Prod. Supt.

DATE December 5, 1966

(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 instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
14-00-603-700

6. IF INDIAN ALLOTTEE OR TRIBE NAME
Navajo Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
So. Insey

9. WELL NO.
6

10. FIELD AND POOL, OR WILDCAT
McRhee Wells

11. SEC., T. R., M. OR BLOCK AND SURVEY OR AREA
Sec. 5, T41S, R25E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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 **Plugged & Abandoned**

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 **SW NW or 1903' SWL & 360' EWL**
At top prod. interval reported below
At total depth **Vertical Hole**

14. PERMIT NO. DATE ISSUED

15. DATE SPURRED **10/29/66** 16. DATE T.D. REACHED **11/20/66** 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* **4041 KB** 19. ELEV. CASINGHEAD **4830 CL**

20. TOTAL DEPTH, MD & TVD **5690** 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY **560**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE **None. Dev. 2 deg. at 1600' & 2370'.**

26. TYPE ELECTRIC AND OTHER LOGS RUN **Nov. 20, 1966, Lane Wells, Induction & GR Acoust. log w/caliper** 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"	48.0#	149	17 1/2"	150 sx. reg. 3/4 CaCl	None
8 5/8"	24.0#	1573	12 1/2"	170 sx. reg. 2 1/4 CaCl	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)

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 **[Signature]** TITLE **District Prod. Supt.** DATE **December 3, 1966**

*(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 24 and 24, 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) also state in item 22, and in item 24 show the producing interval, or intervals; top(s) and bottom(s) (if any) for only the interval reported in item 38. 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.)

(See instructions and spaces for Additional Data on Reverse Side)

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, COMMENTS, ETC.

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100

3502

3503

3795

3796

1st Flow 10 min. 566 gal

1st SH 30 min. 1833 gal

2nd Flow 30 min. 1162 gal

2nd SH 60 min. 1872 gal

3rd Flow 60 min. 1702 gal

3rd SH 30 min. 1872 gal

Gas to surface 12 min. 500 gal. 3755

Flow, 100, 1000, 40' interval, 3655' SW.

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TITLE

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38. GEOLOGIC MARKERS

NAME

11111

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11111

MEAS

DEPTH

1500

5400

5606

TOP

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11111

11111

TRUE VERT. DEPTH

11111

11111

11111

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

UNITED STATES

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

PLS

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: So. Ismay #6
Operator Monsanto Company Address 900 Patterson Bldg. Denver, Colorado Phone 222-5641
P. O. Box 2146
Contractor Cactus Drilling Corporation Address Farmington, N. Mexico Phone 325-6631
Location SW 1/4 NW 1/4 Sec. 5 T. 41 XX R. 26 XX San Juan County, Utah.
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. <u>Top Navajo</u>	<u>960-to- 1205</u>	<u>Not Measured</u>	<u>Not Available</u>
2. <u>Top DeChelley</u>	<u>2710 to 2775</u>	<u>Not Measured</u>	<u>Not Available</u>
3.			
4.			
5.			

(Continued on reverse side if necessary)

<u>Formation Tops:</u>	<u>Hermosa 4565</u>	<u>Bottom Ismay 5630</u>
	<u>Upper Ismay 5483</u>	<u>Desert Creek 5677</u>
	<u>Lower Ismay 5584</u>	<u>TD 5690</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.

PLUGGING PROGRAM FORM

Name of Company Monsanto Oil Company Verbal Approval Given To: J. M. Guthrey

Well Name: So. Ismay #6 Sec. 5 T. 4 SR. 26 E County: San Juan

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

Intermediate string 8 5/8" at 1573'

TD: 5690'

1. Plug 5690' to 5540' across whole Ismay section.
2. 4640'4540' across Hermosa
3. 2780-2680' across DeChelly
4. 20-0' in top of casing

This was given to Mr. Guthrey by the U. S. Geological Survey

Date Verbally Approved: 11/21/66 Signed: Paul W. Burchell

NOTE: Talked to Ed Scholl with Monsanto last week and he wanted to
~~leave~~ leave upper hole open for possible water disposal. -PWB