

FILE NOTATIONS

Entered in NID File ✓

Entered On S R Sheet _____

Location Map Pinned ✓

Card Indexed ✓

I W R for State or Fee Land _____

Checked by Chief PWB

Copy NID to Field Office _____

Approval Letter _____

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 9/15/66

Location Inspected _____

OW _____ WW _____ TA _____

Bond released _____

GW _____ OS _____ PA _____

State of Fee Land _____

LOGS FILED

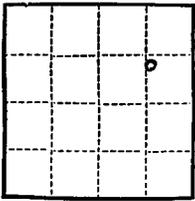
Driller's Log 70/27/66

Electric Logs (No.) 7

E _____ I _____ E-I ✓ (2) GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic _____ Others _____

Acoustilog (2)



(SUBMIT IN TRIPLICATE)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

Land Office Utah
 Lease No. 14-20-603-709
 Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 8, 19 65

Well No. 1 is located 773 ft. from N line and 689 ft. from E line of sec. 8

NR NE 8 (1/4 Sec. and Sec. No.) 418 (Twp.) 26E (Range) (Meridian)
Wildcat (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5168 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Plugged	Depth	No. sacks of cement
	5800-5900	40
	4850-4950	40
	3050-3150	40
	1280-1380	40
	160	15
	Top of surface pipe	15

2. Cleaned up & erect marker.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Zoller & Danneberg AGENT- Kimbark Exploration Company

Address 201 University Blvd.

Denver 6, Colorado

By W. R. Conkling

Title President AGENT

Monsanto

C O M P A N Y

HYDROCARBONS & POLYMERS DIVISION

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

August 15, 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 Navajo A-2
McElmo Mesa Pool
Sec. 5, T41S, R26E
San Juan County, Utah

Gentlemen:

Please be advised that the undersigned, as interested owners in the McElmo Mesa Pool, have no objection to Monsanto Company's application for an exception to Cause 109-1 by locating the captioned well 1270' North of the South line and 1980' West of the East 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. It is also understood that the proposed location is being requested for geological reasons. The undersigned also waive notice of hearing and respectfully request approval of Monsanto's application, in the interest of utilizing the available rig.

Texaco, Inc.

By 

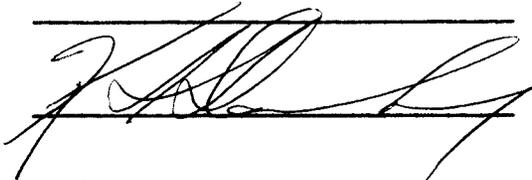
Pan American Petroleum Corporation

By 

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The State of Utah
August 15, 1966
Page 2

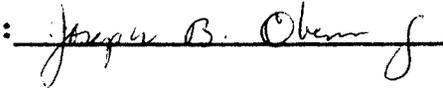
Zoller and Danneberg

A handwritten signature in cursive script, appearing to read "J. A. Danneberg", is written over two horizontal lines.

Kimbark Exploration, Ltd.

By A handwritten signature in cursive script, appearing to read "J. A. Danneberg", is written over a horizontal line.

Warrior Oil Company

By: A handwritten signature in cursive script, appearing to read "Joseph B. Obermayer", is written over a horizontal line.

Monsanto

C O M P A N Y

HYDROCARBONS & POLYMERS DIVISION

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

August 15, 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: Application for Exception
Location for Geological
Reasons, McElmo Mesa Pool,
Navajo A-2, Drilling Unit
No. 10, 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 Navajo A-2 to be located 1270' North of the South line and 1980' West of the East line of Section 5, Township 41 South, Range 26 East, San Juan County, Utah. The exception is being requested for geological 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.

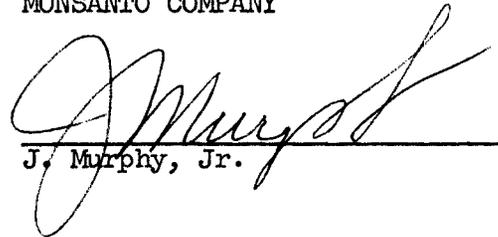
In view of the erratic nature of this reservoir and the nearby dry hole located in the NE $\frac{1}{4}$, NE $\frac{1}{4}$, Section 8, Township 41 South, Range 26 East, it is geologically indicated that the prescribed location limits would be structurally low and more than likely encounter oil and gas in marginal or non-commercial quantities.

A well drilled in the proposed location will more than likely encounter oil and gas in commercial quantities, and thereby protect correlative rights and prevent the drilling of an unnecessary well in the prescribed location.

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

Very truly yours,

MONSANTO COMPANY



J. Murphy, Jr.

JM:rp

**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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
500 Patterson Building, Denver, Colorado 80202
52' SE of 1270' FRL & 1980' FRL
 At proposed prod. zone
Vertical Hole

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Vertical Hole *Drilling Unit #10*

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
2360

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.
1200'

19. PROPOSED DEPTH
6070'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5160 GR Int.

22. APPROX. DATE WORK WILL START*
August 21, 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#	290'	200 sacks

*C.R.
F.R.*

Producing casing, if run, will be 5/8" OD 13.75 J-55 HRC set through pay and sufficiently cemented to confine all oil, gas, and water bearing strata.

Well location survey plat will be mailed by the surveyor to U.S. District Office in Farmington, New Mexico and the Oil & 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.

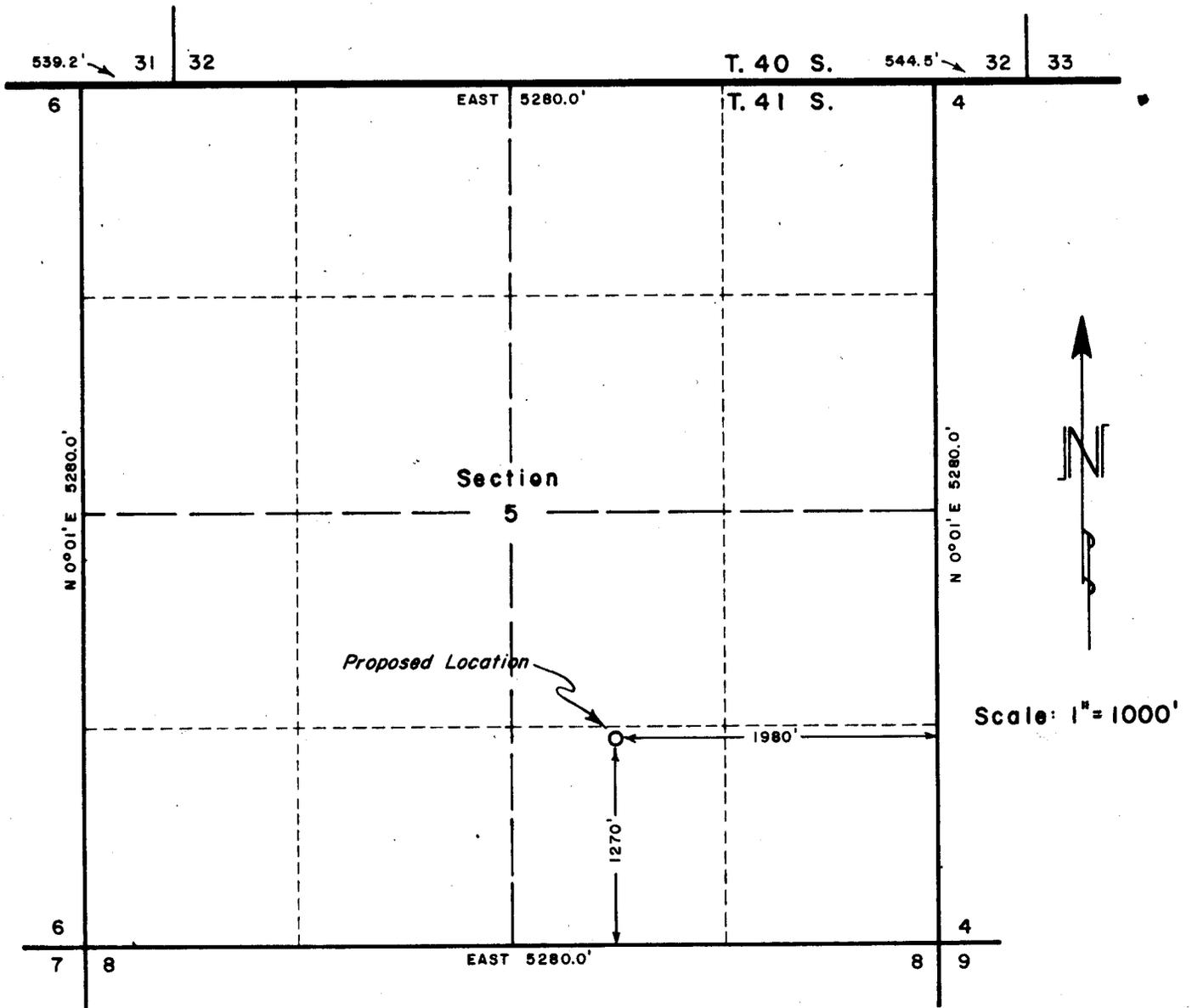
24. SIGNED *J. M. Schell* TITLE **District Engineer** DATE **August 17, 1966**

(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 "A" No. 2

Located 1270 feet North of the South line and 1980 feet West of the East line of Section 5,
 Township 41 South, Range 26 East, Salt Lake Base & Meridian.
 San Juan Co., Utah
 Existing ground elevation determined at 5177 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: Aug. 12, 1966 FILE NO: 66078

STATE OF UTAH
DEPARTMENT OF HERITAGE AND ARTS

August 19, 1966

Monsanto Company
900 Patterson Building
Denver, Colorado 80202

Re: Well No. Navajo 'A'-#2,
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, on March 11, 1965.

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-6-X, which is to be completed in 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.

Monsanto Company
900 Patterson Building
Denver, Colorado 80202

Page two

The API number assigned to this well is 43-037-20118 (see Bulletin D12 published by the American Petroleum Institute).

It will be necessary for you to request a hearing for the purpose of amending the Order in Cause No. 109-1 to include or allow for a geological exception before this Commission can approve another well as an exception to the permitted well location specified in said order. You will have to request a hearing immediately if this matter is to be considered in September, 1966.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON S. FREIGHT
EXECUTIVE DIRECTOR

CHF:sh

cc: P. T. McGrath, District Engineer, USGS
Farmington, New Mexico

Texaco, Inc.
J. F. Neill
Denver, Colorado

Pan American Petroleum Corp.
S. B. Richards
Denver, Colorado

Zeller and Danneberg
Denver, Colorado

Kinberk Exploration, Ltd.
W. H. Thurston
Denver, Colorado

Warrior Oil Company
J. M. Obering
Denver, Colorado

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE _____
TRIBE _____
LEASE NO. 14-20-603-708

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field McElmo Mesa

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1966,

Agent's address 900 Patterson Building Company Monsanto Company
Denver, Colorado 80202

Phone 222-5641 Signed _____ ORIGINAL SIGNED
J. MURPHY, JR. Agent's title District Production Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>NAVAJO A</u>										
Sec. 5 NE NW	41S	26E	1		Drilling at 3790'.					
Sec. 5 SE SW	41S	26E	2		Drilling at 4320'.					

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
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 SE or 1270' FSL & 1980' FEL
 At top prod. interval reported below

 At total depth
Vertical Hole

14. PERMIT NO. _____ DATE ISSUED _____

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
Navajo "A"

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
McElmo Mesa

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

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

15. DATE SPUDDED 8/20/66 16. DATE T.D. REACHED 9/11/66 17. DATE COMPL. (Ready to prod.) 9/15/66 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5193 RKB 19. ELEV. CASINGHEAD 5184

20. TOTAL DEPTH, MD & TVD 6025' 21. PLUG, BACK T.D., MD & TVD 5980' 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY 6025 ROTARY TOOLS → CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Ismay 5814-5966

25. WAS DIRECTIONAL SURVEY MADE
Max. Dev. 2 deg. at 4320

26. TYPE ELECTRIC AND OTHER LOGS RUN
Jane Wells 9/11/66 IES & GR Acoustilog 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#	249'	17"	275 sx. reg. w/2% CaCl	None
8 5/8"	15.5#	6023	7 7/8"	90 sx. 50-50 poz 60 sx. reg. w/latex	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	5919	None

31. PERFORATION RECORD (Interval, size and number)

5918-26	4" NCF	16 Holes
---------	--------	----------

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5918-26	1500 gal. 15% reg. HCL

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
9-15-66	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/15/66	11	32/64	→	737	641	0	870
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
530#	0	→	1608	1,399	0	44	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented

TEST WITNESSED BY
J. E. Guthrie

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 Engineer DATE 10/21/66

*(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.)

OCT 27 1966

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.	38.
			No DST or Core.	

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Navajo	1340		1340
DeChelly	3082		3082
Hermosa	4895		4895
Ismay	5814		5814
Desert Creek			Not Penetrated

FORM OGCC-8-X
FILE IN QUADRUPLICATE

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 A-2
Operator Monsanto Company Address 900 Patterson Bldg. Phone 222-5641
Denver, Colorado
Contractor Cactus Drilling Corporation Address P. O. Box 2146 Phone 325-6631
Farmington, N.Mex.
Location SW 1/4 SE 1/4 Sec. 5 T. 41 N R. 26 E San Juan County, Utah.
S N

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>1340-1904</u>	<u>Not Measured</u>	<u>Not Available</u>
2. <u>Top DeChelly</u>	<u>3082-3138</u>	<u>Not Measured</u>	<u>Not Available</u>
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops:

<u>Hermosa</u>	<u>4894</u>	<u>Bottom Ismay</u>	<u>5964</u>
<u>Upper Ismay</u>	<u>5818</u>	<u>Desert Creek</u>	<u>6010</u>
<u>Lower Ismay</u>	<u>5910</u>	<u>TD</u>	<u>6025</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.

Monsanto

C O M P A N Y

HYDROCARBONS & POLYMERS DIVISION

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

October 26, 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: Gas-Oil Ratio Test
Monsanto-Navajo A-2
McElmo Mesa Pool
San Juan County, Utah

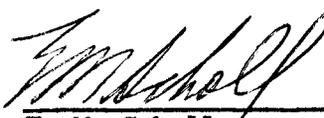
Gentlemen:

In compliance with Rule C-19, the following is the gas-oil ratio test on the recently completed Navajo A-2. ✓

Date:	September 26, 1966
Test Time:	24 Hours - Flowing
BOPD:	1894
MCFPD:	2090
GOR:	1103
Percent Water:	0%
Flowing Tubing Pressure:	450 psi
Flowing Casing Pressure:	1330 psi

Very truly yours,

MONSANTO COMPANY



E. M. Scholl

EMS:rp

3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRI
(Other instructi
verse side)

DATE
re

Form approved.
Budget Bureau No. 42-R1424.

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

Navajo A

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

McElmo Mesa

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

Sec. 5, T-41S, R-26E

14. PERMIT NO.

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

GR 5160

12. COUNTY OR PARISH

13. STATE

San Juan

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.)*

- 3/17/81 Pick up & ran 4 3/4" bit on 2 7/8" Tbg; tag up @ 4155'; rig up power swivel & drill & circ drlg mud to 5920'; now circulate w/ partial returns; SION
- 3/18/81 Trip in hole w/ RBP; set @ 5600'; BP set but will not release & come up the hole; Will test w/ Pkr & continue w/ squeeze job if RBP will hold press; SION
- 3/20/81 Ran Baker Pkr; can't get thru bad Csg @ 4155'; pull 1 std & set Packer open valve on 8 5/8" x 5 1/2" annulus; pump down tubing into csg part @ 4155' @ 1 BPM w/ 2 k# pressure, 5 1/2" x 2 7/8" annulus, held OK; could not get circulation to surface; pump down 8 5/8" x 5 1/2" annulus @ 4 BPM @ 150#; POOH w/ Pkr, ran retrieving tool, tried to get RBP @ 5600'; no recovery; POOH
- 3/21/81 Ran Baker Cmt retainer set @ 4100'; pump into bad csg @ 4155', squeezed w/ 100 Sx. Pump 75 Sx. below the cmt retainer @ 2500#, pull out of the retainer & spot 25 Sx. on top; pull up, reverse circulate tubing clean; POOH; SION. Perf 3380' w/ 4 holes; TIH; set cmt retainer @ 3030; pump into perfs @ 1/4 BPM at 2k psi; acidize w/ 250 Gals 15%; 2000 psi @ 1/4 BPM; increase rate to 2 1/2 BPM at 2k psi; cement w/ 100 Sx. Have 75 Sx. under retainer; PO retainer; spot 25 sx. on top; POOH w/ tubing; perf 2200' w/ 4 holes.
- 3/22/81 SI
- 3/23/81 Ran Baker Pkr set @ 1988'; pump down tubing 40 Bbls. @ 4 BPM @ 2k psi; pump down 8 5/8" x 5 1/2" annulus 70 Bbls. @ 6 BPM @ 500 psi; no circulation; cement with 100 Sx. Cleared pkr to 2100'; SI w/ 500 psi on squeeze; plan to perf @ 1340'.
(See reverse side for additional information)

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

SIGNED

TITLE Regional Prod. Mgr.

DATE 4/6/81

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APR 9 1981

*See Instructions on Reverse Side

DIVISION OF
OIL, GAS & MINING

PLEASE NOTE NEW ADDRESS FOR MONSANTO

Form approved.
Budget Bureau No. 42-R3565.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE _____
TRIBE Navajo
LEASE No. 14-20-603-708

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County SAN JUAN Field McELMO MESA

The following is a correct report of operations and production (including drilling and producing wells) for the month of JANUARY, 1976,

Agent's address 1330 Midland National Bank Tower Company MONSANTO COMPANY
500 West Texas
Midland, Texas 79701 Signed [Signature]

Phone 915 683-3306 Agent's title Regional Prod. Mgr. 2/23/76

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
					<u>NAVAJO 'A'</u>					
Sec. 5 NENW	41S	26E	1		SW DISPOSAL				4738	
					JANUARY, 1976 INJECTION CUMULATIVE 692,497					
Sec. 5 SE SW			2		WELL ABANDONED					
Sec. 5 SW SW			3		SW DISPOSAL				7028	
					JANUARY, 1976 INJECTION CUMULATIVE 1,187,641					
Sec. 5 SW SE	40S	26E	4	31	504	42	953		6576	
					ESTIMATED FUEL GAS USED ON LEASE = 410 MCF					

NOTE.—There were 636 runs or sales of oil; 543 M. cu. ft. of gas sold;

runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.