

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-23378

5. LEASE DESIGNATION AND SERIAL NO.

30888

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

APEX FEDERAL

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

ARTESIA QUEEN GRAYBURG SA

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

Sec. 3, T-19S, R-27E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

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

1330 Midland NBT, Midland, Texas 79701

JUN 24 1980

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

At surface 2244' FNL & 410' FEL of Section 3

U. C. D.

ARTESIA OFFICE

At proposed prod. zone

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

3 miles west from Oil City, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

410'

16. NO. OF ACRES IN LEASE

880

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

NA

19. PROPOSED DEPTH

2500

20. ROTARY OR CABLE TOOLS

Rotary

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

GR 3468

22. APPROX. DATE WORK WILL START*

6/1/80

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	8 5/8	24#	350'	100 Sx.
7 7/8	4 1/2	10.5#	2500	500 Sx.

Drill 11" hole to 350'; set 8 5/8" 24# Casing and cement to surface.

Drill 7 7/8" hole to 2500' and log.

If production is indicated, set 4 1/2" 10.5# casing and cement to surface.

Perforate and treat if necessary.

RECEIVED

MAY 22 1980

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

Regional Prod. Mgr.

DATE

5/20/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

6-19-80

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Nº MEXICO OIL CONSERVATION COMMISS' N
WELL LOCATION AND ACREAGE DEDICATION, LAT

Form C-102
Supersedes C-128
Effective 1-4-65

All distances must be from the outer boundaries of the Section.

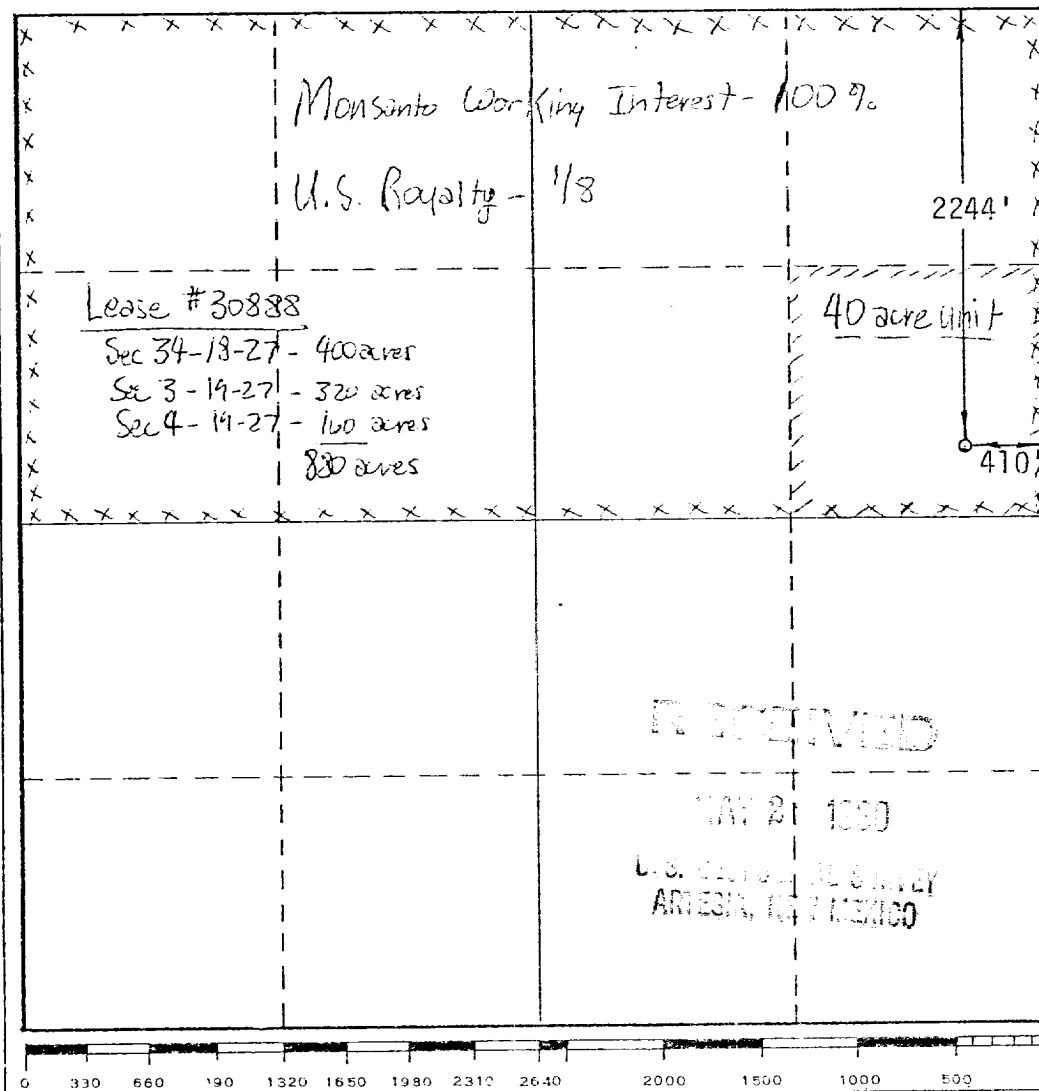
Operator MONSANTO COMPANY			Lease APEX FEDERAL			Well No. 1		
Unit Letter H	Section 3	Township 19 South	Range 27 East	County Eddy				
Actual Footage Location of Well: 2244 feet from the North line and 410 feet from the East line								
Ground Level Elev. 3468'	Producing Formation QUEEN GRAYBURG SA			Pool ARTESIA QUEEN GRAYBURG SA			Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

[Signature]

Name
D. E. BROWN

Position
REGIONAL PROD. MANAGER

Company
MONSANTO COMPANY

Date
May 20, 1980

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

May 2, 1980

Date Surveyed

Richard B. Duniven

Registered Professional Engineer and/or Land Surveyor

[Signature]

Certificate No.

4882



N. 40.00 100'

United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Drawer U
Artesia, New Mexico 88210

RECEIVED

JUN 24 1980

O. C. D.
ARTESIA, OFFICE

June 19, 1980

Monsanto Company
1330 Midland NBT
Midland, Texas 79701

MONSANTO COMPANY	
Apex Federal No. 1	
2244 FNL 410 FEL	Sec. 3, T. 19S, R. 27E
Eddy County	Lease No. NM-30888

Above Data Required on Well Sign

Gentlemen:

Your APPLICATION FOR PERMIT TO DRILL the above-described well to a depth of 2,500 feet to test the Queen is hereby approved subject to compliance with the OIL AND GAS OPERATING REGULATIONS (30 CFR 221) and the following conditions:

1. Drilling operations authorized are subject to compliance with the attached General Requirements for Oil and Gas Operations on Federal Leases, dated July 1, 1978.
2. Prior to commencing construction of road, pad, or other associated developments, operator will provide the dirt contractor with a copy of the Surface Use Plan and these Conditions of Approval including the attached General Requirements.
3. All access roads will be limited to a 12 foot wide driving surface, excluding turnarounds. Surface disturbance associated with road construction will be limited to 20 feet in width.
4. Submit a Daily Report of Operations from spud date until the well is completed and the Well Completion Report (form 9-330) is filed. The report should not be less than 8" x 5" in size and each page should identify the well.
5. All permanent above-ground structures and equipment shall be painted in accordance with the attached Painting Guidelines. The color used should simulate Sandstone Brown (Federal Standard No. 595A, color 20318 or 30318).
6. Notify the Survey by telephone 24 hours prior to spudding well.
7. Cement behind the 8-5/8" and 4 1/2" casing must be circulated.
8. Notify the Survey in sufficient time to witness the cementing of the 4 1/2" casing.
9. Special Stipulations: Use pipeline R-O-W for access road to location. See attached map. No mineral resources will be removed from Federal surface or Federal mineral status, for construction purposes.

10. Please have anyone contacting the Survey in regard to this well to identify the well with all of the information required above for the well sign.

Sincerely yours,

(Orig. Sgd.) *George H. Stewart*

George H. Stewart
Acting District Engineer

APEX FEDERAL WELL NO. 1

ANTICIPATED TESTING, LOGGING AND CORING PROGRAM

Logs will be CNL-FDC, DIL, PML

No drill stem testing is anticipated.

Sidewall cores may be taken.

MUD PROGRAM

Surface:	0 - 360' Fresh water gel/lime slurry.
Production:	360 - 2500' Fresh water with LCM for seepage if required.

ANTICIPATED FORMATION TOPS

	<u>Sub Surface</u>
Yates	540
Queen	1340
Grayburg	1915
San Andres	2240

THE BLOWOUT PREVENTER STACK

3,000psi Working Pressure

