

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

RECEIVED BY

OCT 13 1983

O. C. D.

ARTESIA, OFFICE

Form C-101 30-015-24625  
Revised 10-1-78

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SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

5A. Indicate Type of Lease  
STATE ☐ REC ☒

5. State Oil & Gas Lease No.  
NA

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"/>		7. Unit Agreement Name Burton Flat Deep Unit No. 14-08-0001-12391
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Burton Flat Deep Unit
2. Name of Operator MONSANTO OIL COMPANY		9. Well No. 18
3. Address of Operator First City Center, Ste. 1300 500 West Texas, Midland, Texas 79701		10. Field and Pool, or Wildcat Undesignated Delaware
4. Location of Well UNIT LETTER G LOCATED 2080' FEET FROM THE North LINE AND 1980' FEET FROM THE East LINE OF SEC. 27 TWP. 20S RGC. 28E NMPW		12. County Eddy
19. Proposed Depth 5200'		19A. Formation Delaware
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, KT, etc.) 3221' GL	21A. Kind & Status Plug. Bond Statewide	21B. Drilling Contractor Unknown
22. Approx. Date Work will start As Soon As Possible		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8" H-40	48# ST&C	500'±	500 sx	Circulated
11"	8-5/8" J-55	24# ST&C	2500'±	700 sx	Circulated
7-7/8"	5-1/2" K-55	15.5# LT&C	5200'±	700 sx	Sufficient to isolate all Water, Oil and Gas zones.

Propose to drill to approximately 5200' to test Delaware formation. If commercial production is indicated, the well will be completed by cementing production casing, perforating and stimulating. Run 2-7/8" tubing and test well.

Post ID-1  
10-14-83  
Mr. Lee + BK

See attached "Drilling Data" for casing and BOP details.

APPROVAL VALID FOR 180 DAYS

PERMIT EXPIRES 4-14-84

UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Jerry W. Long Title Agent Date October 13, 1983  
(This space for State Use)

APPROVED BY Mr. Williams TITLE OIL AND GAS INSPECTOR DATE OCT 14 1983

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient time to witness cementing

the 8 5/8 casing

NE MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section

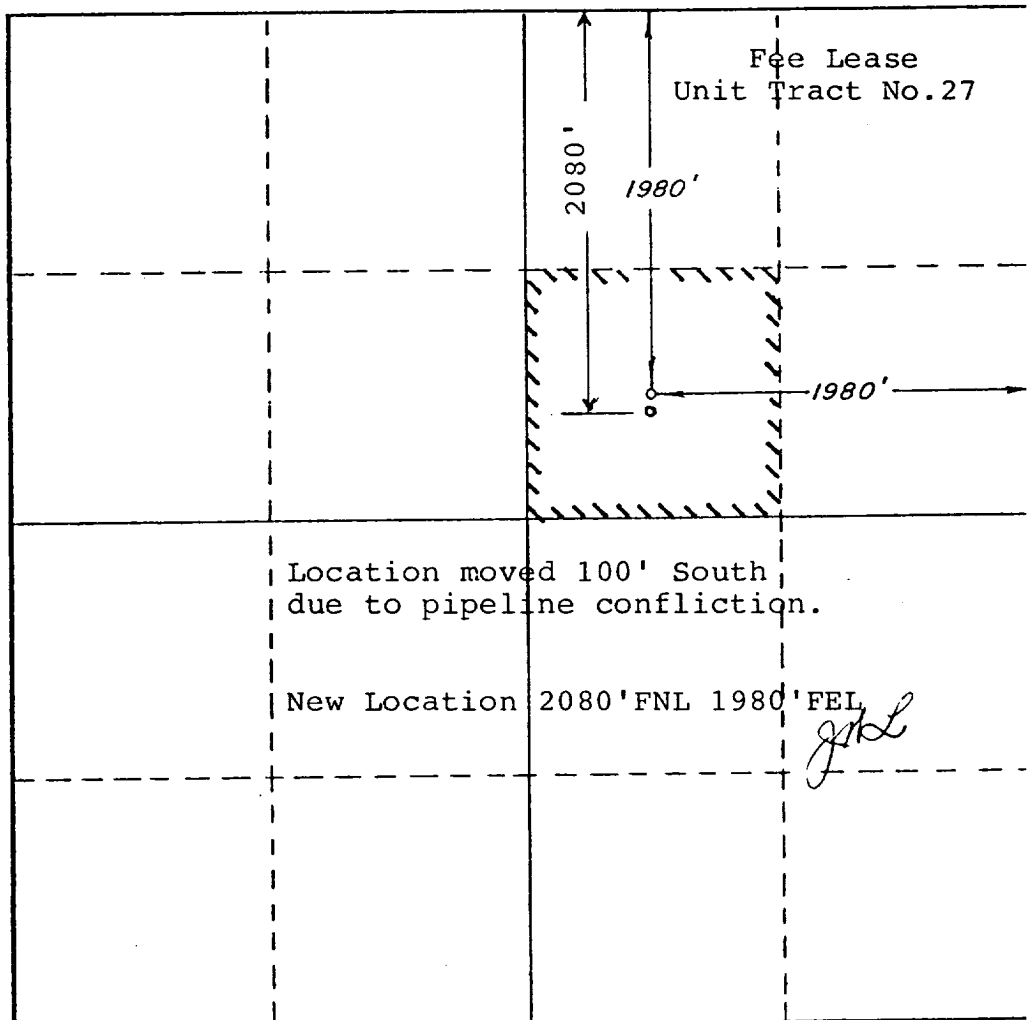
Operator <b>MONSANTO COMPANY</b>		Lease <b>Burton Flat Unit</b>		Well No. <b>18</b>
Unit Letter <b>G</b>	Section <b>27</b>	Township <b>20 South</b>	Range <b>28 East</b>	County <b>Eddy</b>
Actual Footage Location of Well: <b>1980</b> <sup>2080</sup> feet from the <b>North</b> line and <b>1980</b> feet from the <b>East</b> line				
Ground Level Elev. <b>3221</b>	Producing Formation <b>Delaware</b>	Pool <b>Undesignated - Delaware</b>	Dedicated Acreage: <b>40</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 Unitization

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.

Name  
**JERRY W. LONG**

Position  
**Agent**

Company  
**MONSANTO OIL COMPANY**

Date  
**October 13, 1983**

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.

**SEPT. 19, 1983**

Date Surveyed  
**Richard B. Duniven**

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.  
**4882**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

PERTINENT INFORMATION

For

MONSANTO OIL COMPANY  
No.18 Burton Flat Deep Unit  
2080'FNL 1980'FEL Sec.27-20S-28E  
Eddy County, N.M.

<u>LOCATED:</u>	Approximately 9 miles northeast of Carlsbad, New Mexico
<u>FEE LEASE:</u>	Lessor - J.A. Harrell et al
<u>LEASE ISSUED:</u>	August 16, 1978 Held by commitment to Producing Unit
<u>ACRES IN UNIT:</u>	160 Ac. - Unit Tract No.27
<u>LESSEE:</u>	Monsanto Oil Company
<u>BOND COVERAGE:</u>	Statewide
<u>AUTHORITY TO OPERATE:</u>	Unit Operator Unit Contract No.14-08-0001-12391
<u>SURFACE OWNERSHIP:</u>	Fee
<u>POOL RULES:</u>	General Oil Spacing Cement must be circulated on surface and intermediate casing strings since the well is within the Capitan Under- ground Water Basin.
<u>PARTICIPATING AREA:</u>	Commercial production from Delaware will require an Initial Participating Area for the Unit.
<u>EXHIBITS:</u>	A. Road Map B. Contour Map C. Rig Layout D. BOP Diagram E. Unit and Well Map

MONSANTO OIL COMPANY  
No.18 Burton Flat Deep Unit  
SW $\frac{1}{4}$ NE $\frac{1}{4}$  Sec.27-20S-28E  
Eddy County, N.M.

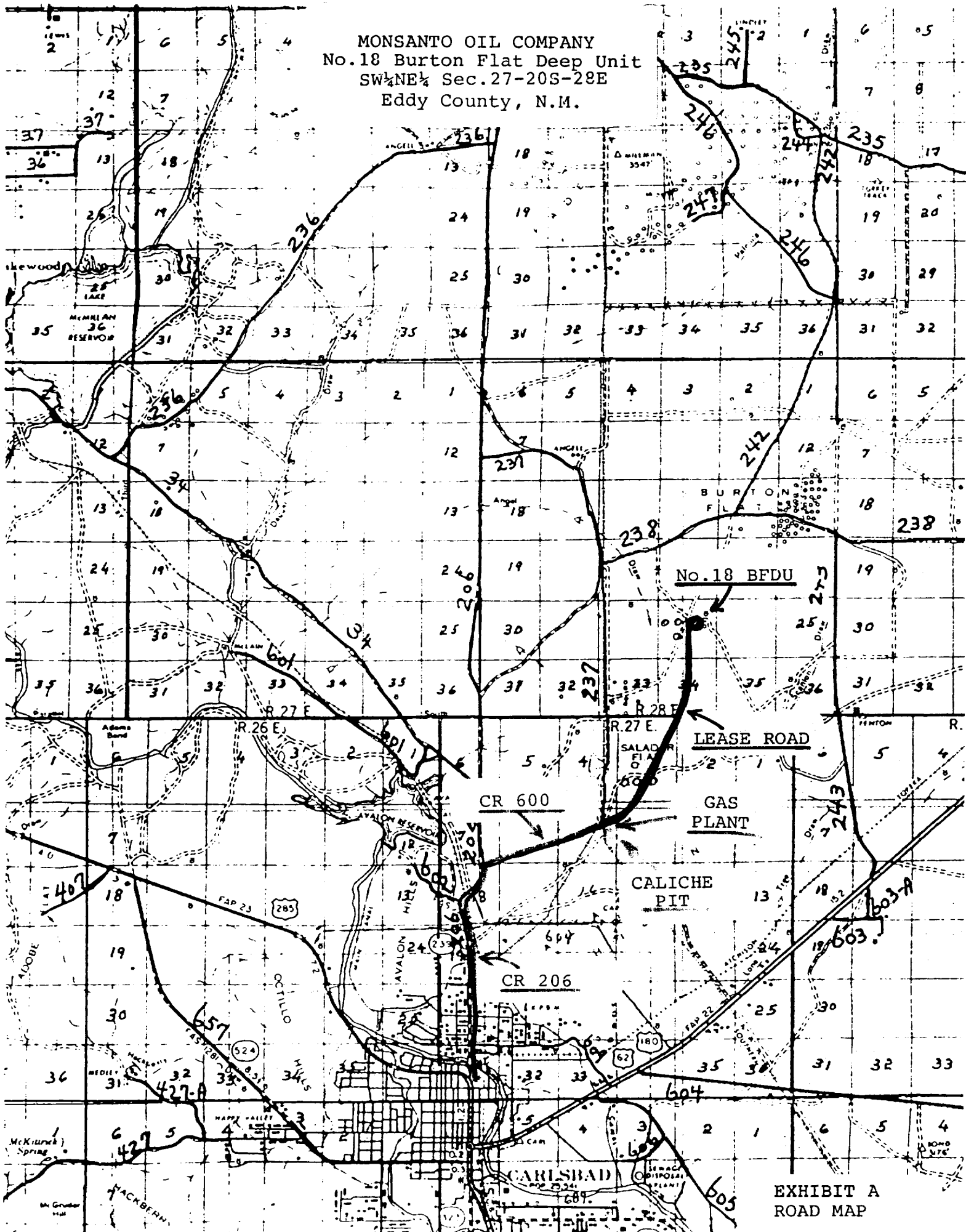
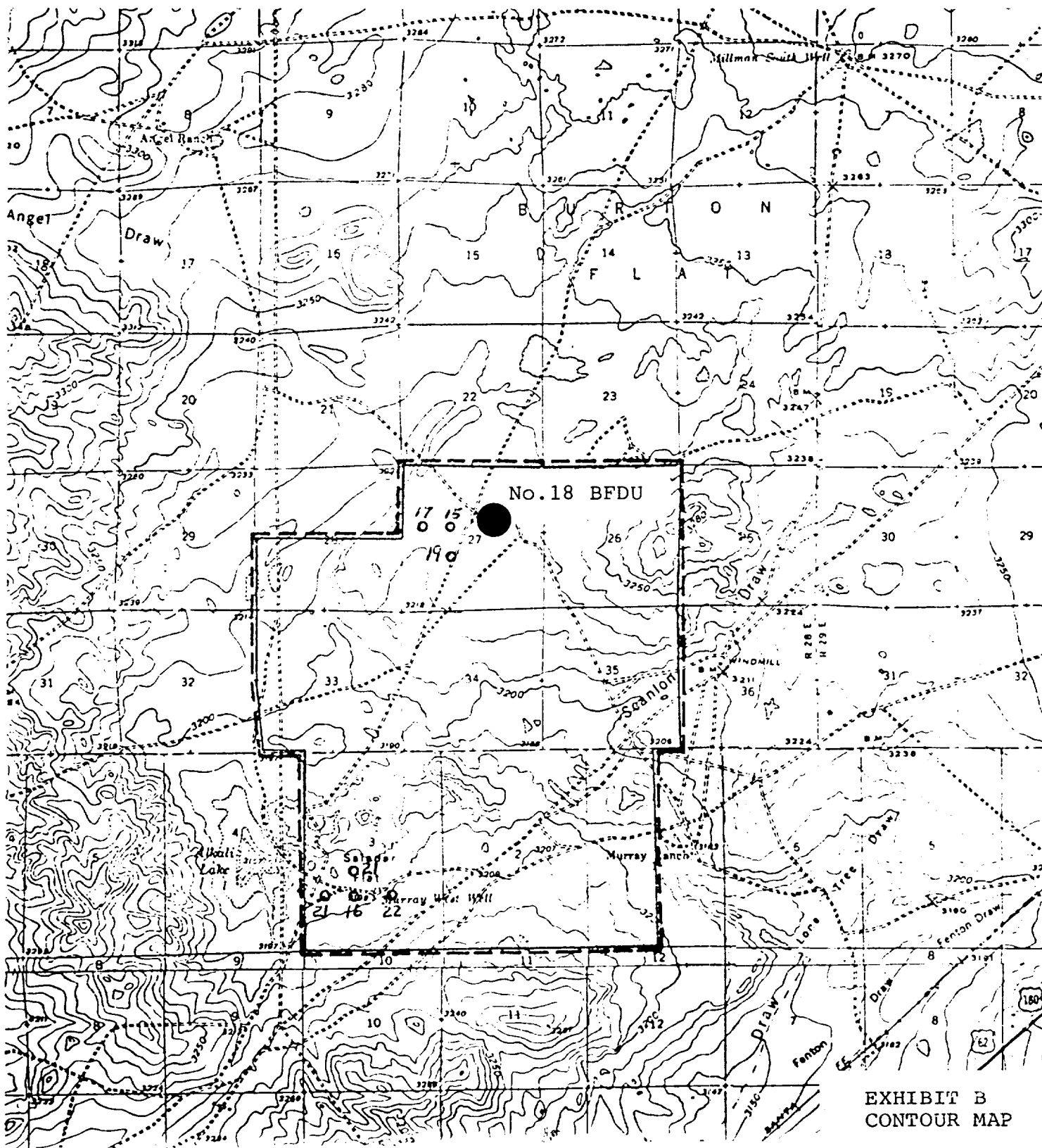
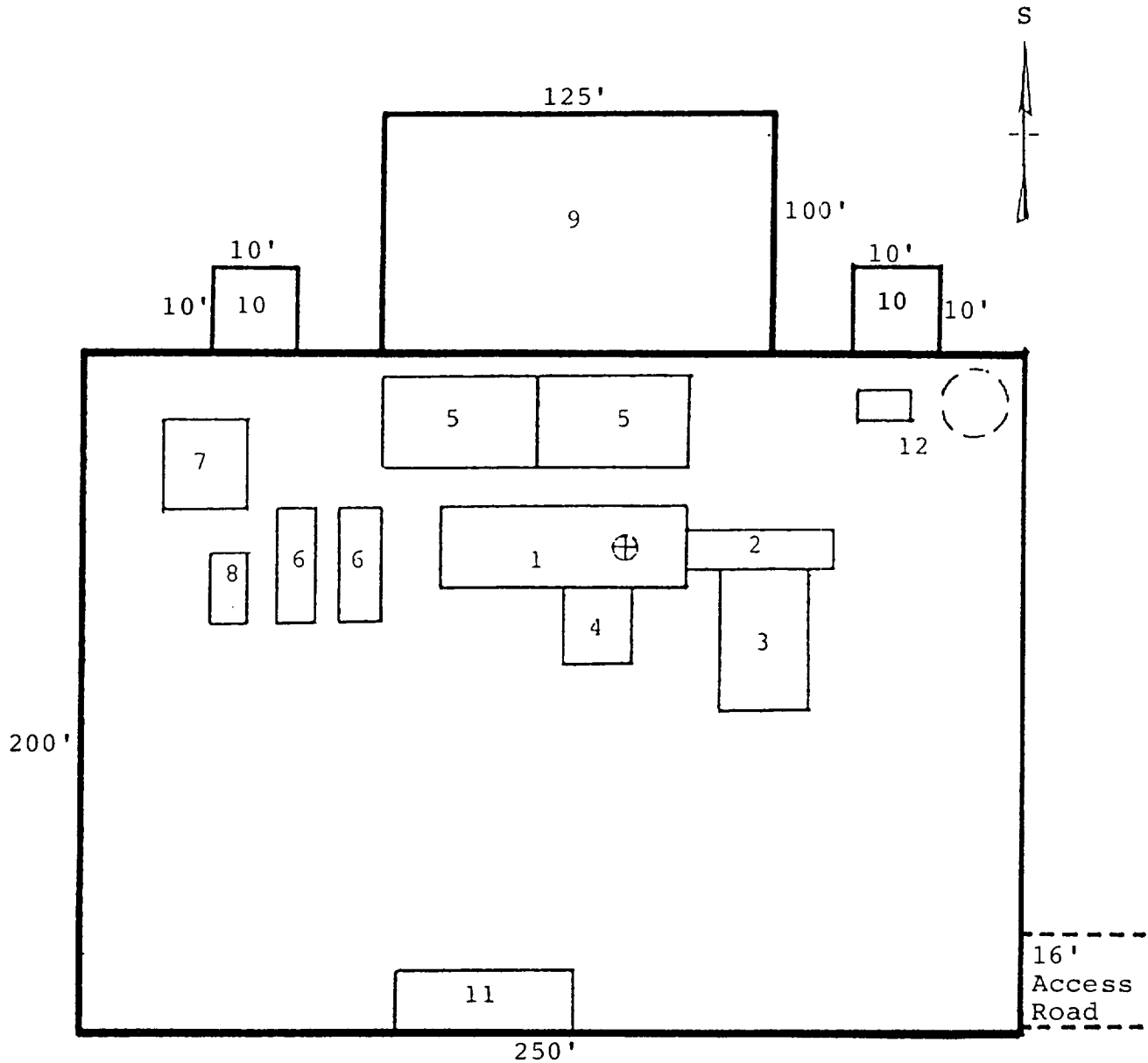


EXHIBIT A  
ROAD MAP

MONSANTO OIL COMPANY  
No.18 Burton Flat Deep Unit  
SW¼NE¼ Sec.27-20S-28E  
Eddy County, N.M.



MONSANTO OIL COMPANY  
 No.18 Burton Flat Deep Unit  
 SW¼NE¼ Sec.27-20S-28E  
 Eddy County, N.M.



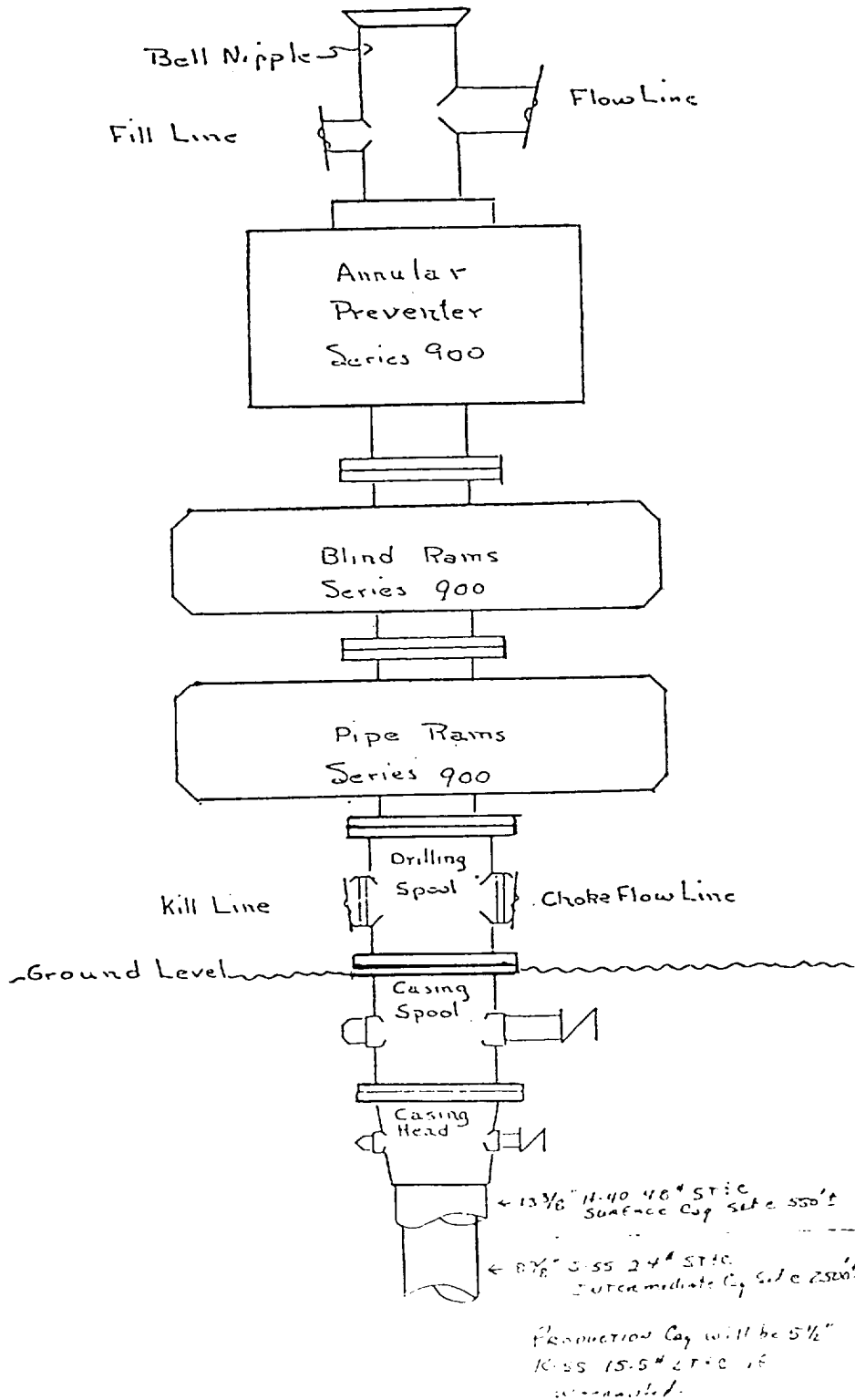
RIG LAYOUT

- |                 |                           |
|-----------------|---------------------------|
| 1. Substructure | 7. Water Tank             |
| 2. Catwalk      | 8. Light Plant            |
| 3. Pipe Rack    | 9. Reserve Pit            |
| 4. Doghouse     | 10. Trash Pit             |
| 5. Mud Pits     | 11. Trailer House         |
| 6. Mud Pumps    | 12. Production Facilities |

MONSANTO OIL COMPANY  
 No.18 Burton Flat Deep Unit  
 SW $\frac{1}{4}$ NE $\frac{1}{4}$  Sec.27-20S-28E  
 Eddy County, N.M.

# THE BLOWOUT PREVENTER STACK

3000 psi Working Pressure



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Eddy County, N.M.

