

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-025-28199

Form C-101  
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

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 N. HOBBS (G/SA) UNIT
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 SECTION 34
2. Name of Operator SHELL OIL COMPANY		9. Well No. 342
3. Address of Operator P. O. BOX 991, HOUSTON, TX 77001		10. Field and Pool, or Wildcat HOBBS (G/SA)
4. Location of Well UNIT LETTER 0 LOCATED 305 FEET FROM THE SOUTH LINE AND 1650 FEET FROM THE EAST LINE OF SEC. 34 TWP. 18-S RGE. 38-E NMPM		12. County LEA
19. Proposed Depth 4320' TVD		19A. Formation GRAYBURG/ SAN ANDRES
20. Rotary or C.T. ROTARY		
21. Elevations (Show whether DF, RT, etc.) 3607.5' GL	21A. Kind & Status Plug. Bond BLANKET	21B. Drilling Contractor UNKNOWN
22. Approx. Date Work will start MAY 1983		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65#	40'	40 SX	SURFACE
12-1/4"	8-5/8"	24#	1700'	785 SX	SURFACE
7-7/8"	5-1/2"	14#	4320'	1935 SX	1600'

BOP PROGRAM: 3,000# Regular Service, 10,000# stack double ram preventer.

NOTE: This well will be directionally drilled from a surface location of 305' FSL & 1650' FEL, to a bottomhole location at 450' FSL and 1540' FEL, both in Unit Letter "0", Section 34, T-18-S, R-38-E. OCD hearing has been scheduled for April 27, 1983.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 11/3/83  
UNLESS DRILLING UNDERWAY

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. 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 A. J. Fore A. J. FORE Title SUPERVISOR REG. & PERMITTING Date APRIL 15, 1983

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

MAY 3 1983

APPROVED BY DISTRICT 1 SUPERVISOR TITLE  DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
APR 19 1983  
O. O.  
HOLDS OFFICE

NEW 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

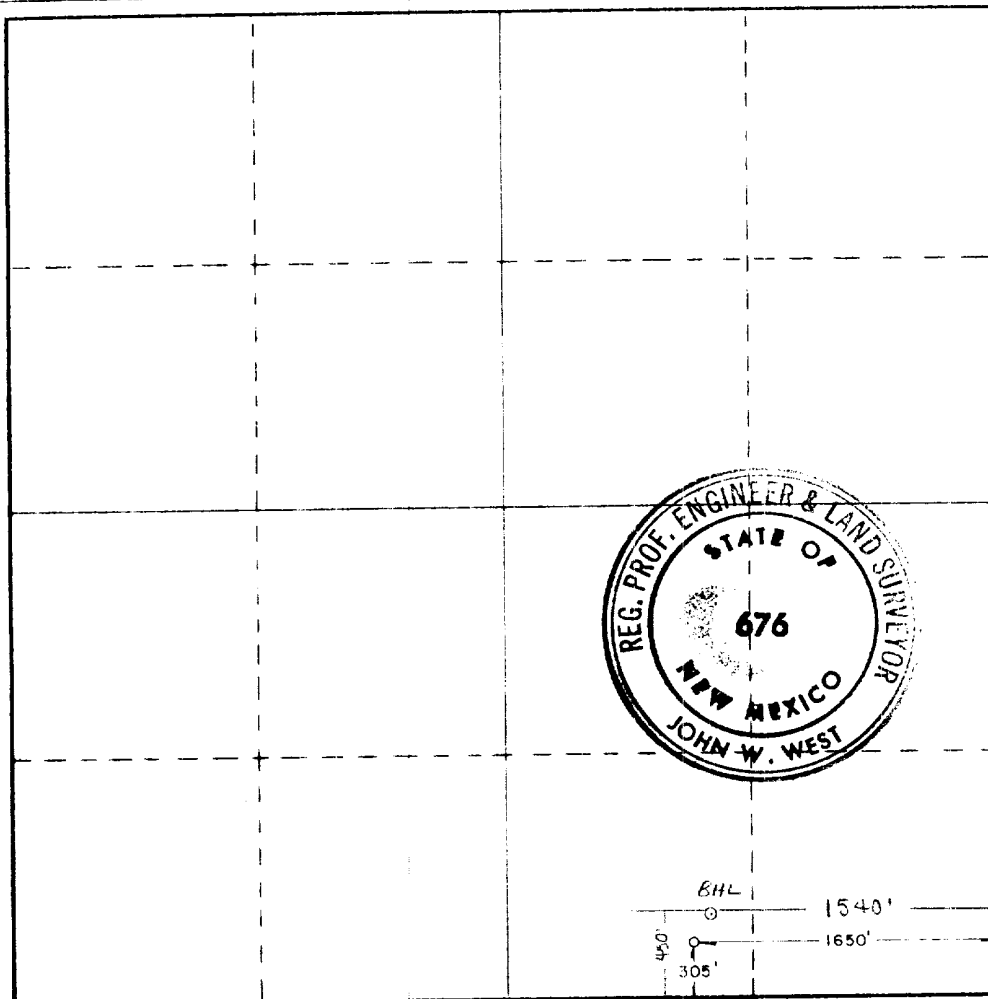
Operator <b>Shell Oil Company</b>			Lease <b>North Hobbs Unit</b>		Well No. <b>34-342</b>
Unit Letter <b>0</b>	Section <b>34</b>	Township <b>18 South</b>	Range <b>38 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>305</b> feet from the <b>south</b> line and <b>1650</b> feet from the <b>east</b> line					
Ground Level Elev. <b>3607.5'</b>	Producing Formation <b>GRAYBURG/SAN ANDRES</b>		Pool <b>HOBBS (GRAYBURG/SAN ANDRES)</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.

Signature *A. J. Fore* **A. J. FORE**

**SUPERVISOR REG. & PERMITTING**

Company  
**SHELL OIL COMPANY**

Date  
**APRIL 15, 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.

Date Surveyed  
**March 22, 1983**

Registered Professional Engineer  
and/or Land Surveyor

Signature *John W. West*  
Certificate No.  
**John W. West, NM L.S. 676**

Shell Oil Company



P.O. Box 991  
Houston, Texas 77001

April 15, 1983

City of Hobbs  
ATTN: Ken Martin, City Engineer  
300 North Turner  
Hobbs, NM 88240

Dear Ken:

SUBJECT: PROPOSED SHELL - NORTH HOBBS (GB/SA) UNIT NO 34-342  
HOBBS FIELD  
LEA COUNTY, NEW MEXICO

This is to advise you that Shell Oil Company proposes to drill its North Hobbs (GB/SA) Unit No. 34-342 in the Hobbs Field. The well will be located within the City of Hobbs on an undeveloped city block, being Block No. 75 of Section 34, T-18-S, R-38-E. A hearing has been scheduled for April 27, 1983 by the NMOCD to consider Shell's application to directionally drill the subject well. We expect drilling operations to commence about May 15 and be completed in 14 days.

Shell, of course, will make the necessary arrangements to notify residents in the immediate area prior to starting operations. For your information we have attached a plat showing the proposed surface location of the well.

Should you require further information, please advise.

Yours very truly,

A. J. Fore  
Supervisor Regulatory and Permitting  
Mid-Continent Division

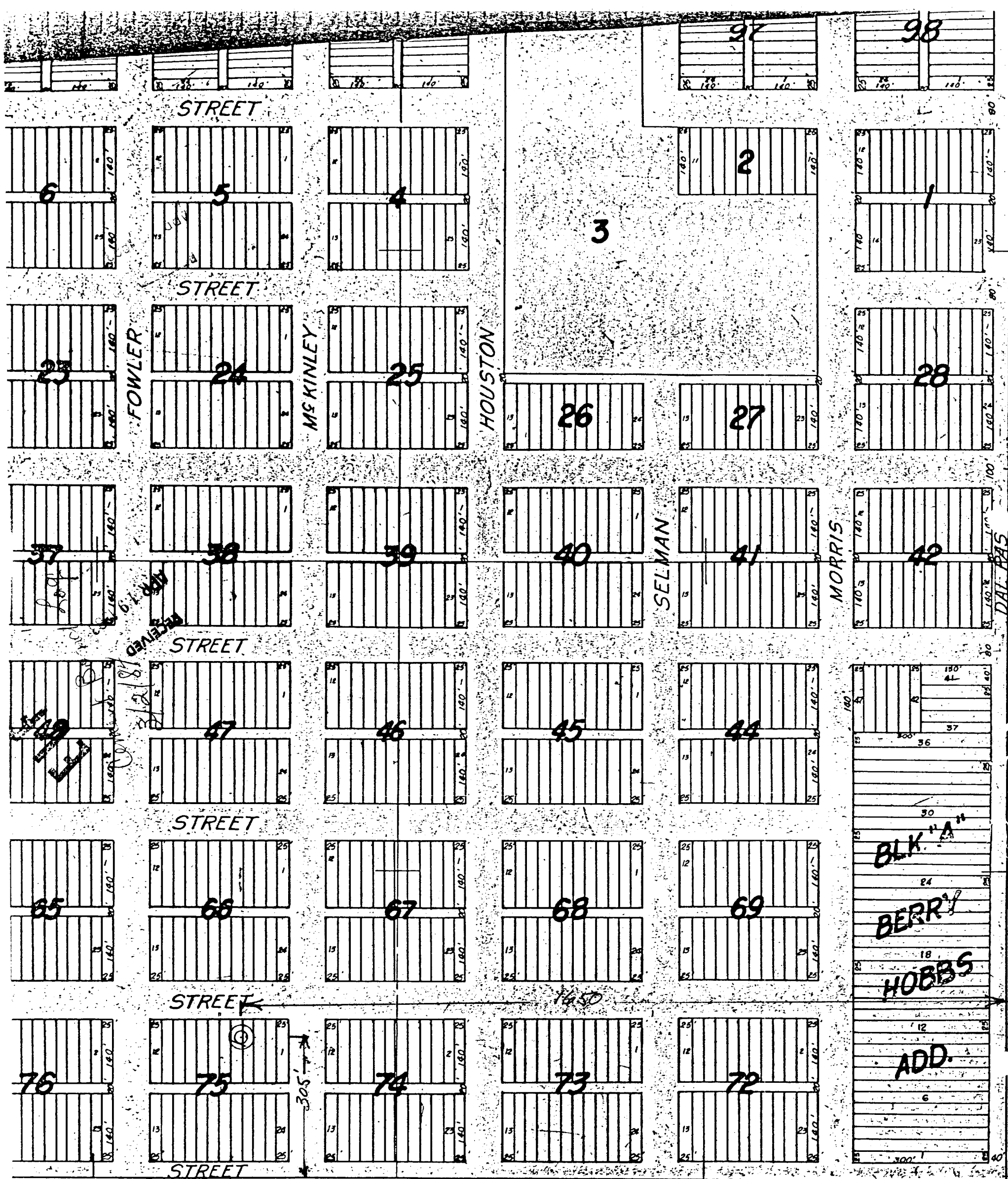
AJF:dmu

Attachment

cc: State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, NM 87501

State of New Mexico ✓  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 1980  
Hobbs, NM 88240

RECEIVED  
APR 19 1983  
OCC  
NOBIS



PORTION CITY OF HOBBS  
SECTION 34, T-18-S, R-34-E  
LEA COUNTY, NM

○ SHELL NHU NO. 34-342

16-188 34

Scale 1"=200'