

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)
30-025-31024
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. Lease Name or Unit Agreement Name Skaggs Grayburg 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. Well No. 23		
2. Name of Operator Greenhill Petroleum Corporation			9. Pool name or Wildcat Skaggs Grayburg		
3. Address of Operator 16010 Barkers Point Lane, Ste 325, Houston, TX 77079					
4. Well Location Unit Letter D : 25 Feet From The North Line and 150 Feet From The West Line Section 18 Township 20 South Range 38 East NMMPM Lea County					
10. Proposed Depth 4200'			11. Formation Grayburg		12. Rotary or C.T. Rotary
13. Elevations (Show whether DF, RT, GR, etc.) 3558 GR		14. Kind & Status Plug. Bond Blanket on file		15. Drilling Contractor TBD	
16. Approx. Date Work will start 10-15-90					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	1450'	800	Surface
7 7/8"	5 1/2"	15.5#	4200'	450	Surface

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.

SIGNATURE Michael Newport TITLE Landman DATE 10/1/90
TYPE OR PRINT NAME Michael J. Newport TELEPHONE NO. 113 455 1146

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

7741-2939

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Bureau of Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

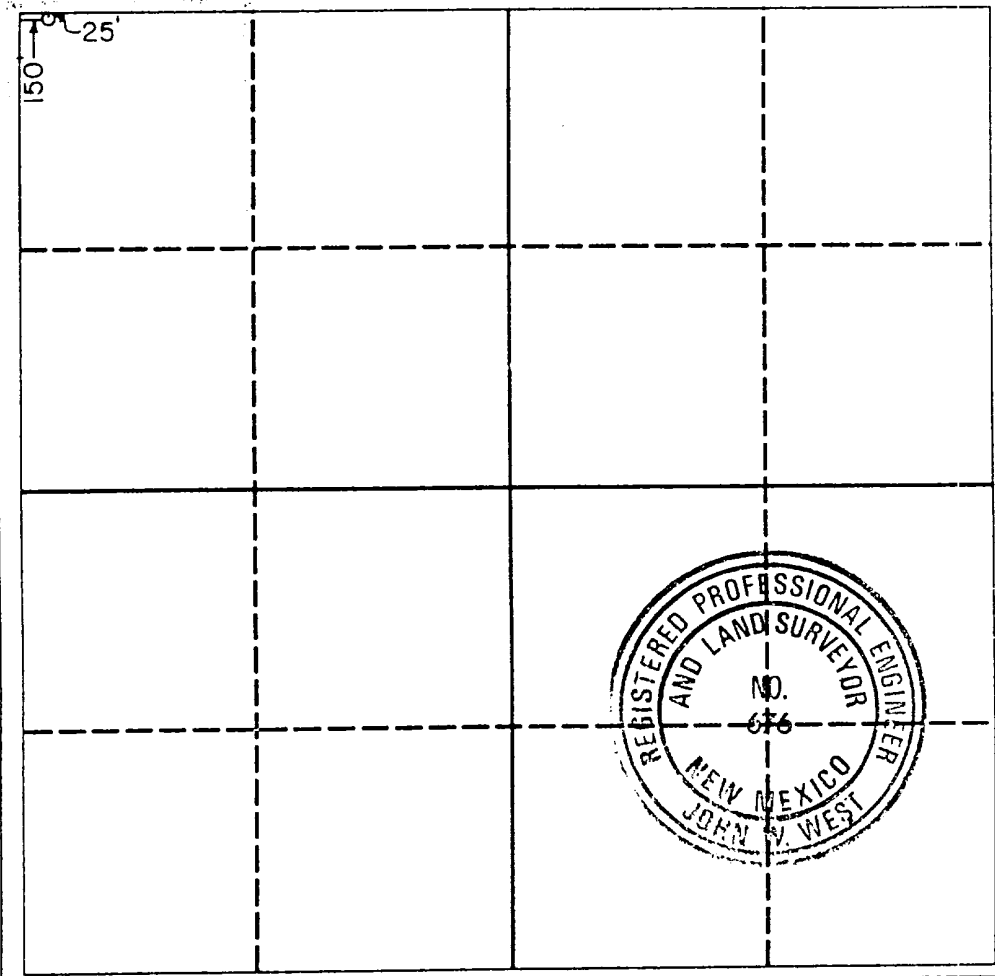
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

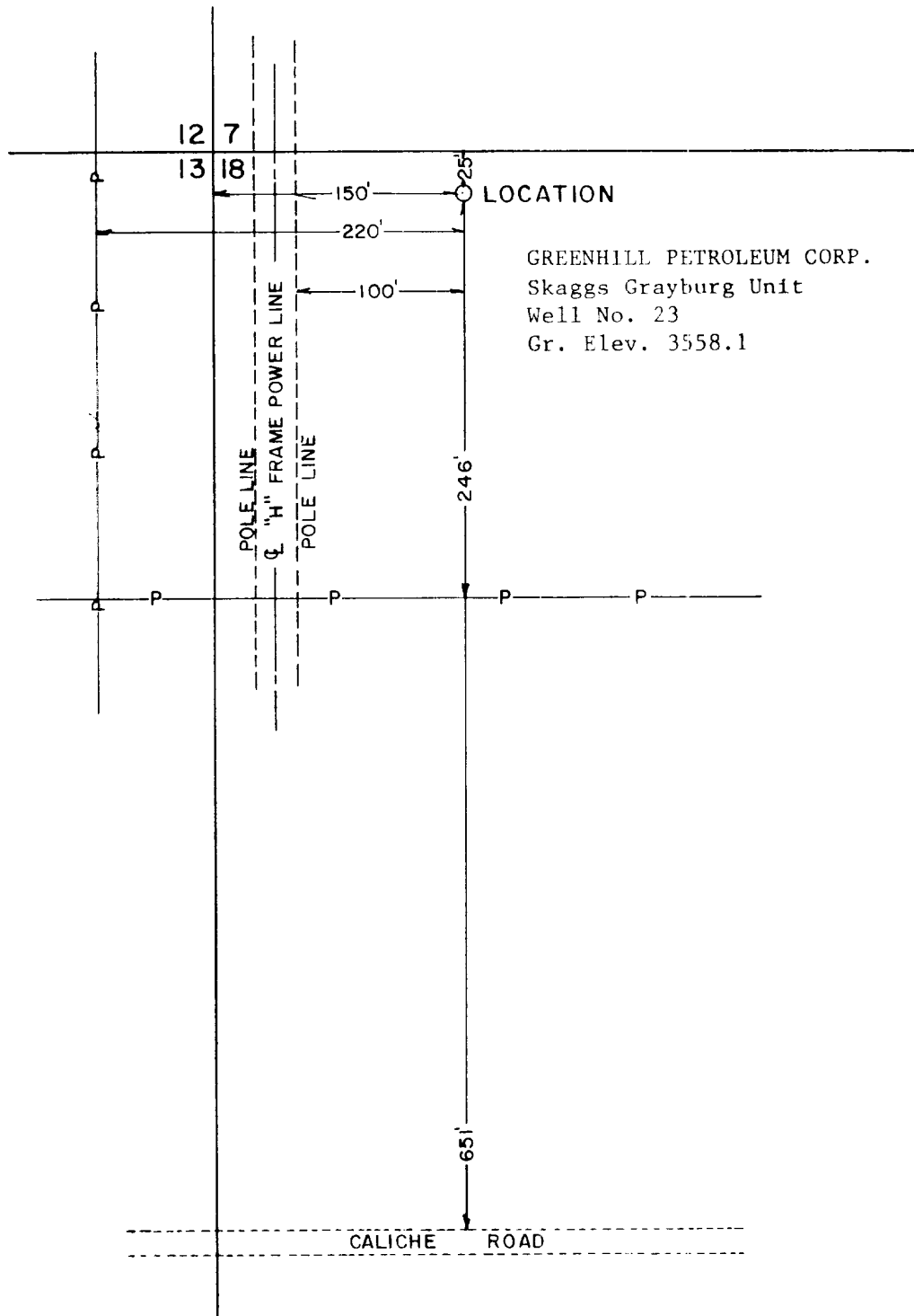
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator GREENHILL PETROLEUM CORP.		Lease Skaggs Grayburg Unit		Well No. 23
Unit Letter D	Section 18	Township 20 South	Range 38 East	County Lea
Actual Footage Location of Well: 25 feet from the North line and 150 feet from the West line				
Ground level Elev. 3558.1	Producing Formation ✓ Skaggs Grayburg	Pool ✓ Skaggs Grayburg	Dedicated Acreage: ✓ 0.20 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation <u>Unitized</u> ✓</p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)</p> <p>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 interest, has been approved by the Division.</p>				
			OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
			Signature ✓ <u>Michael J. Newport</u>	
			Printed Name ✓ <u>Michael J. Newport</u>	
			Position ✓ <u>Landman</u>	
			Company ✓ <u>Greenhill Petroleum</u>	
			Date ✓ <u>10/1/90</u>	
			SURVEYOR CERTIFICATION 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 <u>August 23, 1990</u>	
			Signature & Seal of Professional Surveyor ✓ <u>John W. West</u>	
			Certificate No. <u>JOHN W. WEST, 676</u> RONALD J. EIDSON, 3239	

125830

SECTION 18, TOW. 20 SOUTH, RANGE 38 E. ST, N.M.P.M.,
LEA COUNTY, NEW MEXICO



I HEREBY CERTIFY THAT THIS PLAT
WAS MADE FROM NOTES TAKEN IN THE FIELD
IN A BONA FIDE SURVEY MADE UNDER MY
SUPERVISION, AND THAT THE SAME IS TRUE
AND CORRECT TO THE BEST OF MY KNOWL-
EDGE AND BELIEF.

John W. West
JOHN W. WEST, N.M. P.E. & L.S. No. 676
TEXAS R.P.S. No. 1138
RONALD J. EIDSON, N.M. L.S. No. 3239
TEXAS R.P.S. No. 1883

GREENHILL PETROLEUM CORP.	
Topo around the Skaggs Grayburg Unit, Well No. 23, located in Section 18, Township 20 South, Range 38 East, N.M.P.M., Lea County, New Mexico.	
JOHN W. WEST ENGINEERING COMPANY CONSULTING ENGINEERS HOBBS, NEW MEXICO	
Scale: 1"=100'	Drawn By: Presley
Date: 8/24/90	Sheet of Sheets

GREENHILL PETROLEUM CORPORATION
BOP PROGRAM FOR
SKAGGS GRAYBURG UNIT # 23

<u>Casing Program</u>			<u>BOP Program</u>		
Size	Depth	Wt	Grade	Configuration	Test Pressure
8 5/8"	1450'	24	H40, STC	RA	200 psi
5 1/2"	4200'	15.5	K55, STC	RR	250/1500 psi

* RR - Ram Ram
RA - Ram Annular
Diverter - Hydrill may be substituted for a diverter.