

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-21749

## 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"/>		5. LEASE DESIGNATION AND SERIAL NO. LG-028992(j)	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
2. NAME OF OPERATOR General Operating Company ✓		7. UNIT AGREEMENT NAME Grayburg Jackson Unit	
3. ADDRESS OF OPERATOR 711 Commerce Building, Fort Worth, Texas 76102		8. FARM OR LEASE NAME Tract 5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330' FSL and 660' FWL Section 22-T17S-R30E At proposed prod. zone Same		9. WELL NO. 2	
11. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* One-half mile South and one mile East of Loco Hills		10. FIELD AND POOL, OR WILDCAT Grayburg Jackson Q-G-SA	
12. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 22-17-30	
13. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 330' North 1320' East		12. COUNTY OR PARISH Eddy	
14. NO. OF ACRES IN LEASE 1600 Unit		13. STATE New Mexico	
15. NO. OF ACRES ASSIGNED TO THIS WELL 40		14. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 330' North 1320' East	
16. PROPOSED DEPTH 3250'		15. ROTARY OR CABLE TOOLS Rotary	
17. ELEVATIONS (Show whether DF, RT, GR, etc.) 3632' GR		16. APPROX. DATE WORK WILL START* 2-10-76	

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8" OD	20#	425'	300 Sacks
7-7/8"	5-1/2" OD	15.5#	3250'	500 Sacks

General Operating Company proposes to drill its Grayburg Jackson Unit Tract 5 Well No. 2 for completion in the Grayburg at an approximate depth of 3120'-50'.

Casing program will consist of 8-5/8" OD, 20# surface casing to be set at an approximate depth of 425' and cemented with 300 sacks (attempt to circulate), and 5-1/2" OD, 15.5# production casing to set at total depth with cement from total depth back to base of salt section. Surface casing will be pressure tested to 1000 psi and production casing to 3000 psi.

During drilling operations, the WEK Drilling Company rotary rig that is to drill the well will be equipped with a Schaeffer Type E 10" Series 900 Hydraulic BOP. Mud program will be native mud from surface to top of Yates and salt water mud from top of Yates to total depth.

The Grayburg will be perforated and fracture treated for production at an approximate interval from 3120'-50'.

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 C. W. Stumhoff TITLE Partner DATE 1-29-76

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:THIS APPROVAL IS VALID FOR 3 MONTHS.  
EXPIRES JUN - 1 - 1976

\*See Instructions On Reverse Side

RECEIVED

MAR 2 1976

ARTESIA, 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

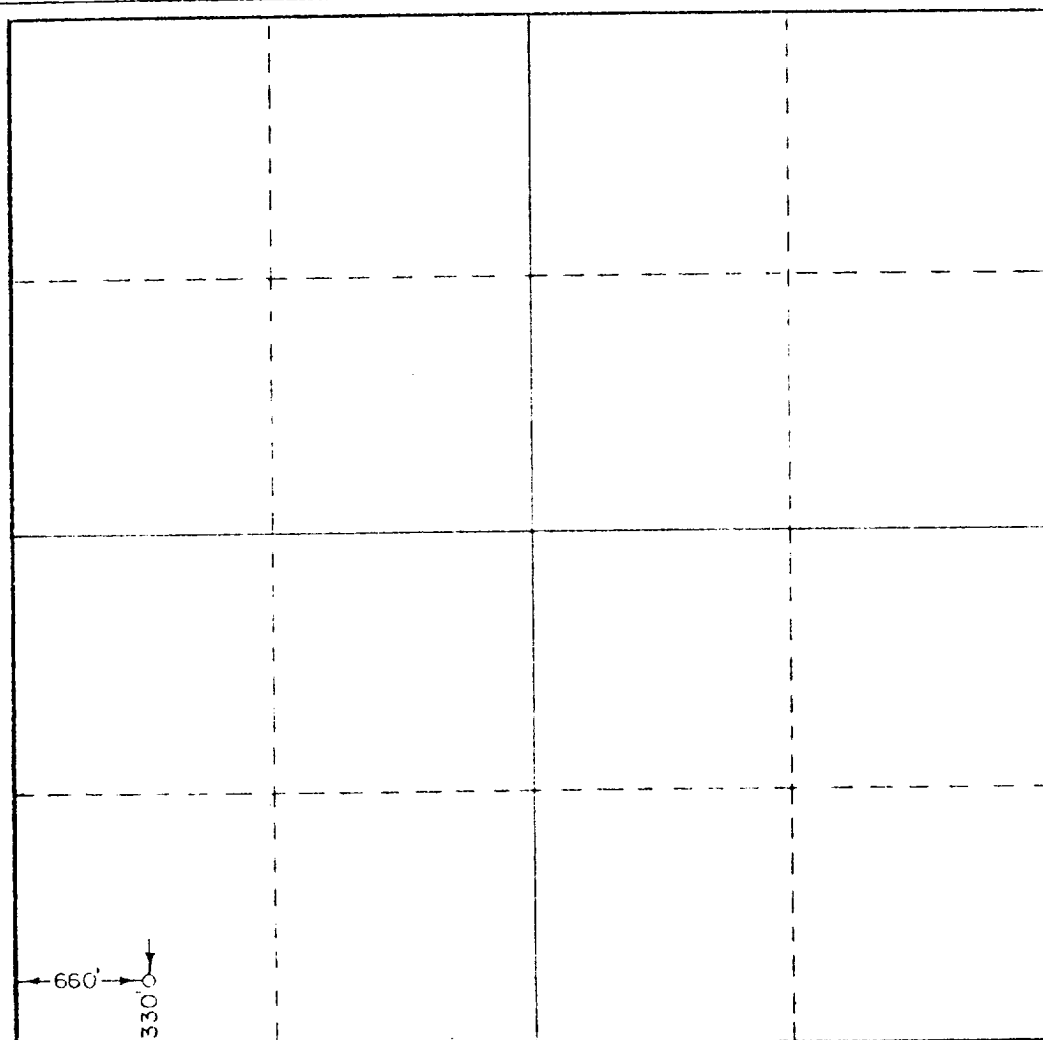
Operator <b>General Operating Company</b>			Lease <b>Grayburg Jackson Unit Tract 5</b>		Well No. <b>2</b>
Unit Letter <b>M</b>	Section <b>22</b>	Township <b>17 South</b>	Range <b>30 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>330</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3632.0</b>	Producing Formation <b>Grayburg</b>		Pool <b>Grayburg Jackson Q-G-SA</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 **Unit Agreement**

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.

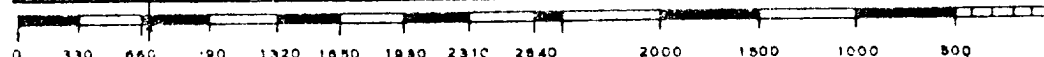
Name: **C. W. Stumhoffer**  
*C. W. Stumhoffer*  
Position: **Partner**

Company: **General Operating Company**

Date: **January 29, 1976**

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: **January 16, 1976**  
Registered Professional Engineer and Land Surveyor  
**676**  
*John W. West*  
JOHN W. WEST

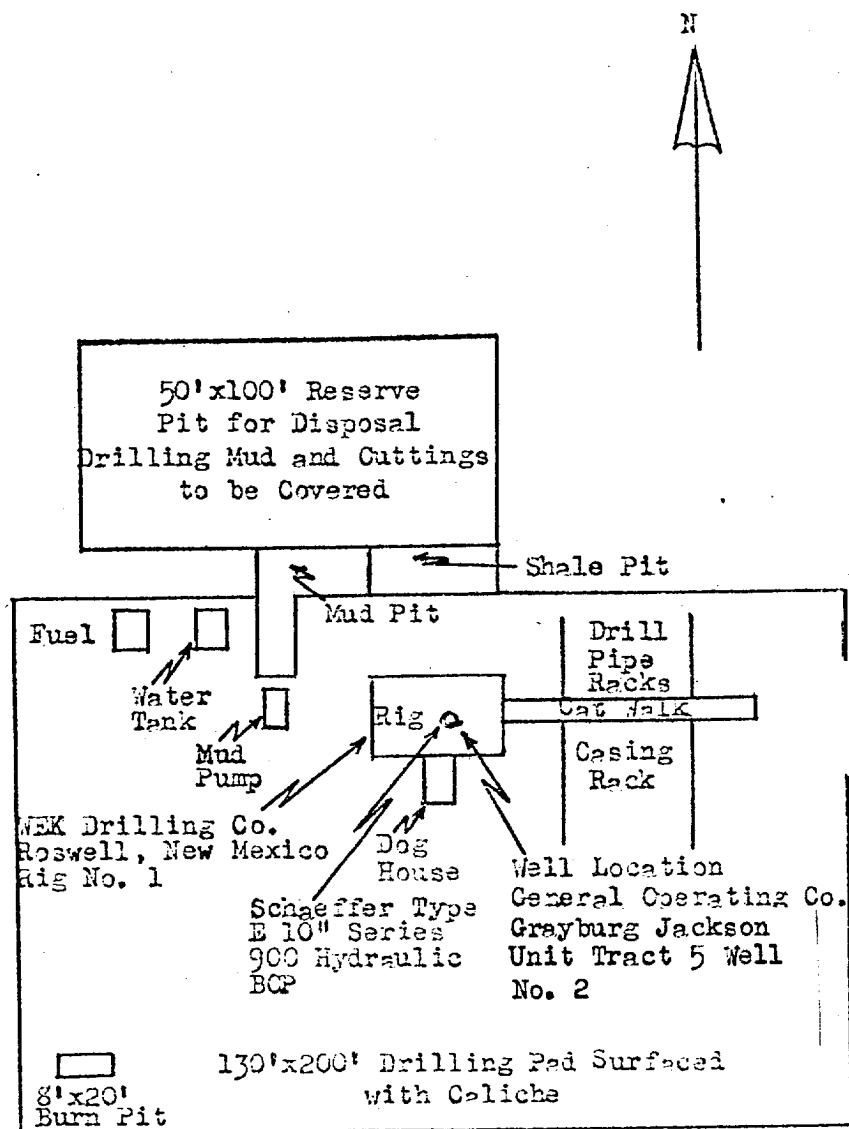


GENERAL OPERATING COMPANY  
711 COMMERCE BUILDING  
FORT WORTH, TEXAS 76102

GRAYBURG JACKSON UNIT TRACT 5 WELL NO. 2  
330' FSL AND 660' FWL  
SECTION 22-T17S-R30E  
EDDY COUNTY, NEW MEXICO

ATTACHMENT TO APPLICATION FOR PERMIT TO DRILL  
DEVELOPMENT PLAN FOR SURFACE USE

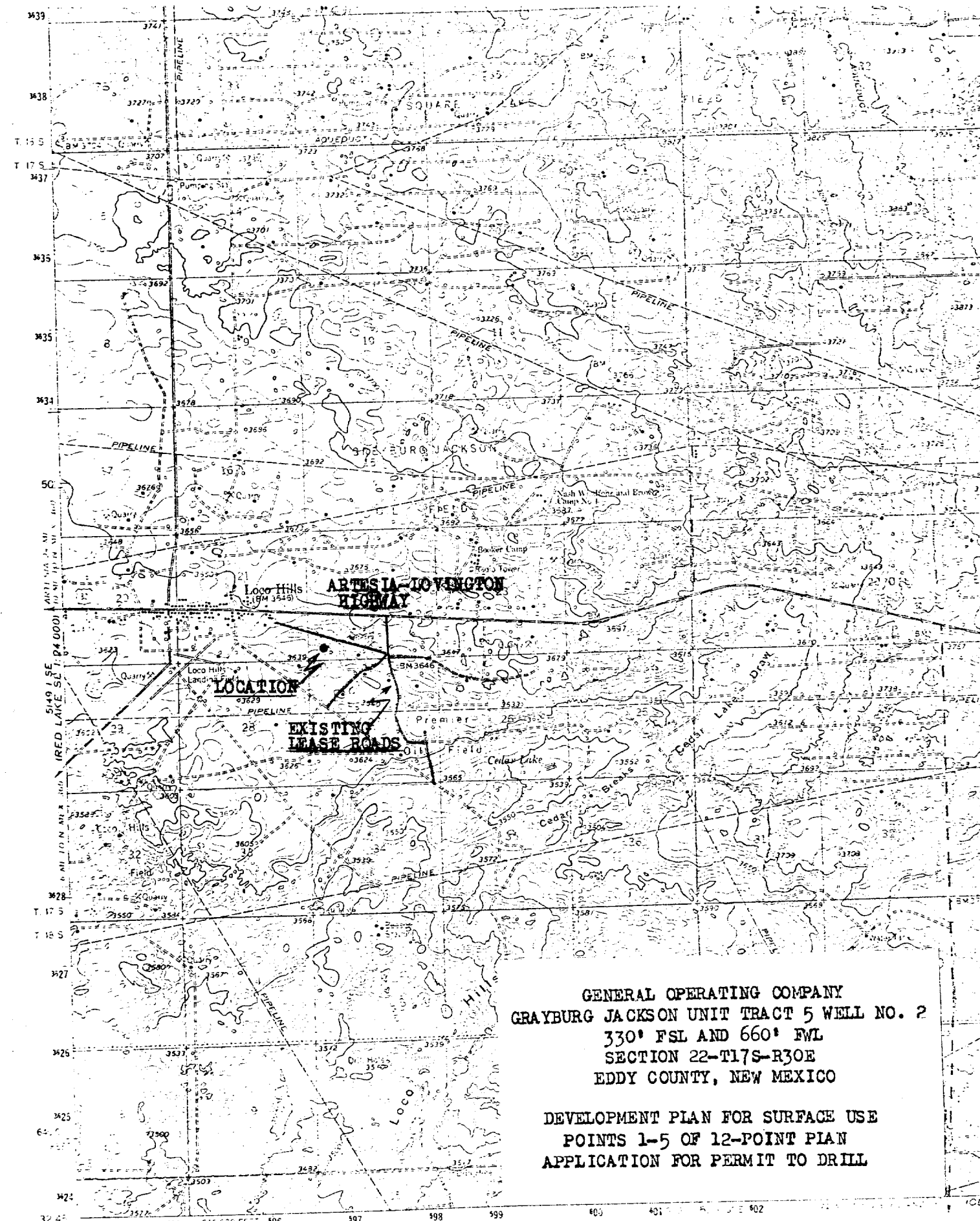
- I. Existing Roads - Existing roads as shown on the attached topographic map will be used for access to the proposed location.
- II. Planned Access Road - Approximately 400 feet of 12-foot wide caliche road will be built from the Franklin, Aston and Fair Incorporated Brigham B Well No. 2 located 330' FSL and 990' FWL Section 22-T17S-R30E in a westerly direction to the proposed location.
- III. Location of Well - Proposed location of well is 330' FSL and 660' FWL of Section 22-T17S-R30E approximately one-half mile south and one mile east of the townsite of Loco Hills, New Mexico.
- IV. Lateral Roads to Well Locations - Additional roads to other well locations will be built prior to the commencement of actual drilling operations. Existing roads will be used where possible.
- V. Location of Tank Batteries and Flow Lines - If proposed well is successfully completed, a flow line will be laid in a easterly direction to the tank battery for the Grayburg Jackson Unit Located on the SE/4 SE/4 Section 22-T17S-R30E.
- VI. Locations and Types of Water Supply - Fresh water from commercial water company will be utilized to drill well.
- VII. Methods of Handling Waste Disposal - 50' x 100' reserve mud pit to be covered upon completion of well will be used for disposal of drilling mud and cuttings. Paper and other debris will be placed in 8' x 20' burn pit.
- VIII. Location of Camps - No camps are located in the area of the proposed location.
- IX. Location of Airstrips - No usable airstrips are in the area of the proposed location.
- X. Location Layout to Include Position of Rig, Mud Tanks, Reserve Pit, Burn Pit, Pipe Racks, Etc. - See Attachment.
- XI. Plans for Restoration of the Surface - All pits will be filled upon well completion and ground around location will be leveled with space allowed for well servicing.
- XII. Miscellaneous - No other known environmental information is applicable to this proposed location.



SCALE 1" = 200'

GENERAL OPERATING COMPANY  
GRAYBURG JACKSON UNIT TRACT 5 WELL NO. 2  
330' FSL AND 660' FWL  
SECTION 22-T17S-R30E  
GRAYBURG JACKSON Q-G-SA FIELD  
EDDY COUNTY, NEW MEXICO

DEVELOPMENT PLAN FOR SURFACE USE  
POINT 10 OF 12-POINT PLAN  
APPLICATION FOR PERMIT TO DRILL



GENERAL OPERATING COMPANY  
GRAYBURG JACKSON UNIT TRACT 5 WELL NO. 2  
330' FSL AND 660' FWL  
SECTION 22-T17S-R30E  
EDDY COUNTY, NEW MEXICO

DEVELOPMENT PLAN FOR SURFACE USE  
POINTS 1-5 OF 12-POINT PLAN  
APPLICATION FOR PERMIT TO DRILL

Maped, edited, and published by the Geological Survey

USGS and USC&GS

Surveyed by photogrammetric methods from aerial photographs  
taken 1957. Topography by plane-table surveys 1963

Horizontal projection 1927 North American datum

Grid based on New Mexico coordinate system, east zone

0' 30" 12"  
11.1 MILES 211 MILES

LOU CITY  
549 111