

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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. N.M. 0272961
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Lone Star Producing Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 4815, Midland, Texas 79701		8. FARM OR LEASE NAME N. M. (54) Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' from East line & 1980' from South line At proposed prod. zone Same		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8 miles Southeast of Almesand, New Mexico		10. FIELD AND POOL, OR WILDCAT Vada PUNDESIGNATE
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE 160	17. NO. OF ACRES ASSIGNED TO THIS WELL 160
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 9850'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4078' "round Level"		22. APPROX. DATE WORK WILL START* In Approval

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48'	400'	300 sz. (circulate)
11"	8-5/8"	21.5 32'	4100'	500 sz.
7-7/8"	5-1/2"	11.5 17'	9850'	300 sz.

Proposed Program:

1. Drill 17-1/2" hole to 400'. Set and cement 13-3/8" casing at 400'.
2. Install double ram type BOP equipment (3000 psi W.P.). Test BOP and 13-3/8" casing to 800 psi.
3. Drill 11" intermediate hole to 4100' or 100' into San Andres. Set and cement 8-5/8" casing at 4100'. Install double ram type BOP stack (3000 psi W.P.) and test 8-5/8" casing and BOP to 1500 psi.
4. Drill 7-7/8" hole to 9850' using water to 7700' and salt gel drilling fluid from 7700' to T.D. If production is indicated, 5-1/2" casing will be cemented at 9850' with 300 sacks. Well will be completed with 2" tubing, packer and 3000 psi W.P. well head equipment.

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 [Signature] TITLE Dist. Prod. Superintendent DATE May 26, 1970
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED

MAY 26 1970

ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

**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.

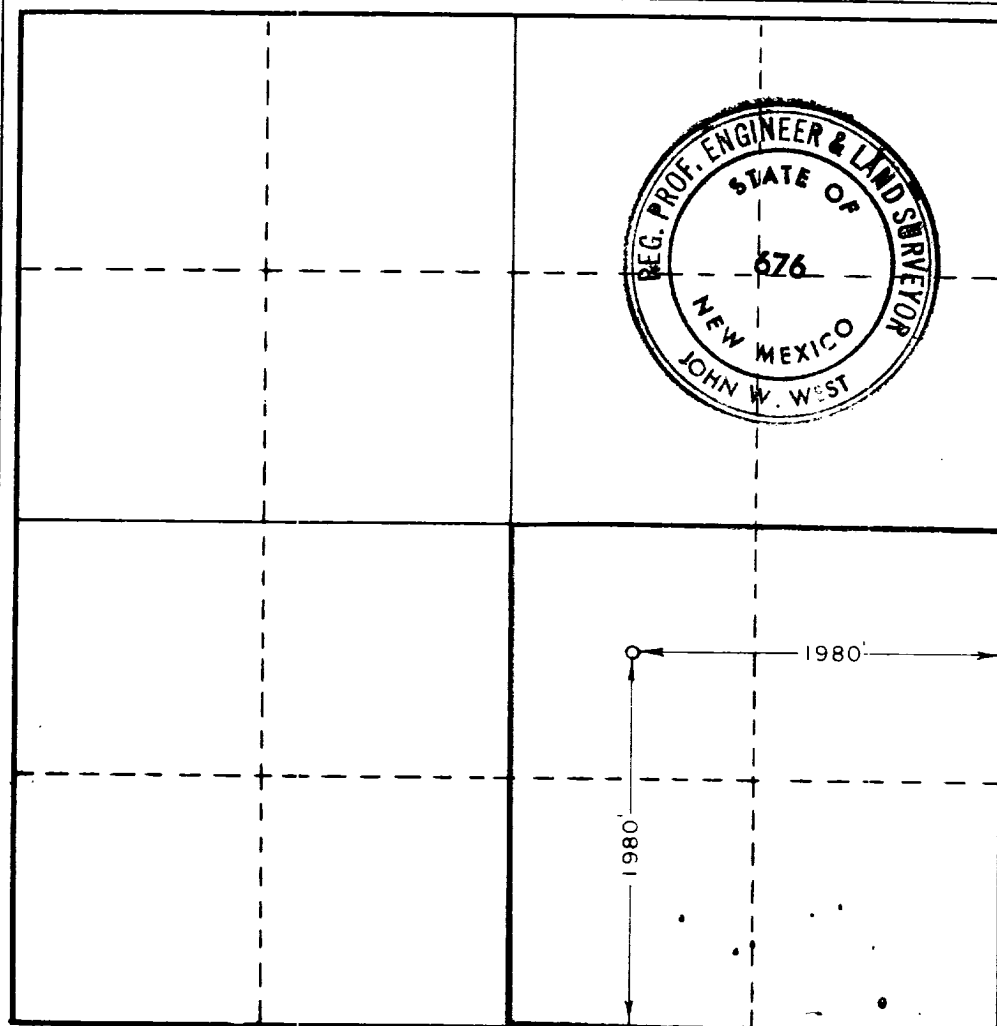
Operator LONE STAR PRODUCING CO.			Lease N.M. (54) FEDERAL		Well No. 1
Unit Letter J	Section 27	Township 8 SOUTH	Range 36 EAST	County ROOSEVELT	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1980 feet from the SOUTH line and 1980 feet from the EAST line </div>					
Ground Level Elev. 4078.	Producing Formation BOUGH C	Pool VADA PENN. UNDESIGNATED		Dedicated Acreage: 160 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 **N. A.**

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

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.

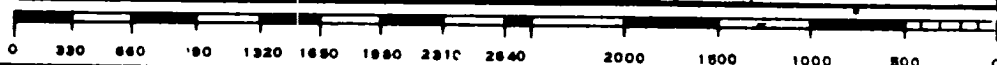
Name
C. R. Ramsey
 Position
Dist. Prod. Superintendent
 Company
Lone Star Producing Company
 Date
May 26, 1970

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
MAY 23, 1970

Registered Professional Engineer and/or Land Surveyor

John W. West
 Certificate No. **676**



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