

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. N. M. 0323425
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"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Lone Star Producing Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 1815, Midland, Texas 79701		8. FARM OR LEASE NAME N. M. (55) Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 510' from North Line & 1930' from East Line At proposed prod. zone Same		9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8 miles S.E. of Milnesand, New Mexico		10. FIELD AND POOL, OR WILDCAT Uada Penn
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T-8-S, R-36-E
16. NO. OF ACRES IN LEASE 560		12. COUNTY OR PARISH Roosevelt
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 1081.0' Ground		22. APPROX. DATE WORK WILL START* On Approval

23. 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"	135	372'	350 sx. (In Place)
11"	8-5/8"	215	1118' - 1502'	100 sx. (Cut off @ 1502')
7-7/8"	5-1/2"	15.5 - 17	9300'	100 sx.

Subject well was drilled by Charles Lead and plugged and abandoned in June, 1967 at a T.D. of 9721'. The 8-5/8" casing was pulled from 1502'.

Lone Star Producing Company proposes to re-enter the well and deepen to 9300' to test the tough "C". The program for this project is as follows:

1. Install well head on 13-3/8" casing w/402 assembly (3000 psi W.P.).
2. Clean out hole to cement plug in base of 8-5/8" casing with 7-7/8" bit.
3. If red beds between base of 13-3/8" casing and top of 8-5/8" casing at 1502' can be controlled with a low water loss - high viscosity mud system, hole will be cleaned out to 9721' and deepened to a depth of 9300' and logged.
4. If production is indicated, 5-1/2" casing will be run to T.D. and cemented with sufficient cement to cover all prospective pay zones.

(OVER)

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 Asst. Dist. Prod. Supt. DATE May 11, 1970

(This space for Federal or State office use)

PERMIT NO. 0323425

APPROVAL DATE

APPROVED BY [Signature]

TITLE

CONDITIONS OF APPROVAL, IF ANY:



*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.

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5. Two inch tubing, production packer and hydraulic pump will be used in the completion.

Alternate Plan - If the red beds can not be controlled with the previously described mud system, the 8-5/8" casing will be tied back to the surface with 8-5/8" casing and a casing tie-back overshot bowl assembly and cemented with 200 sacks of cement. The re-entry will then be continued as outlined in the original plan.

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OIL CONSERVATION COMM.
HOBBBS N. A.

**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.

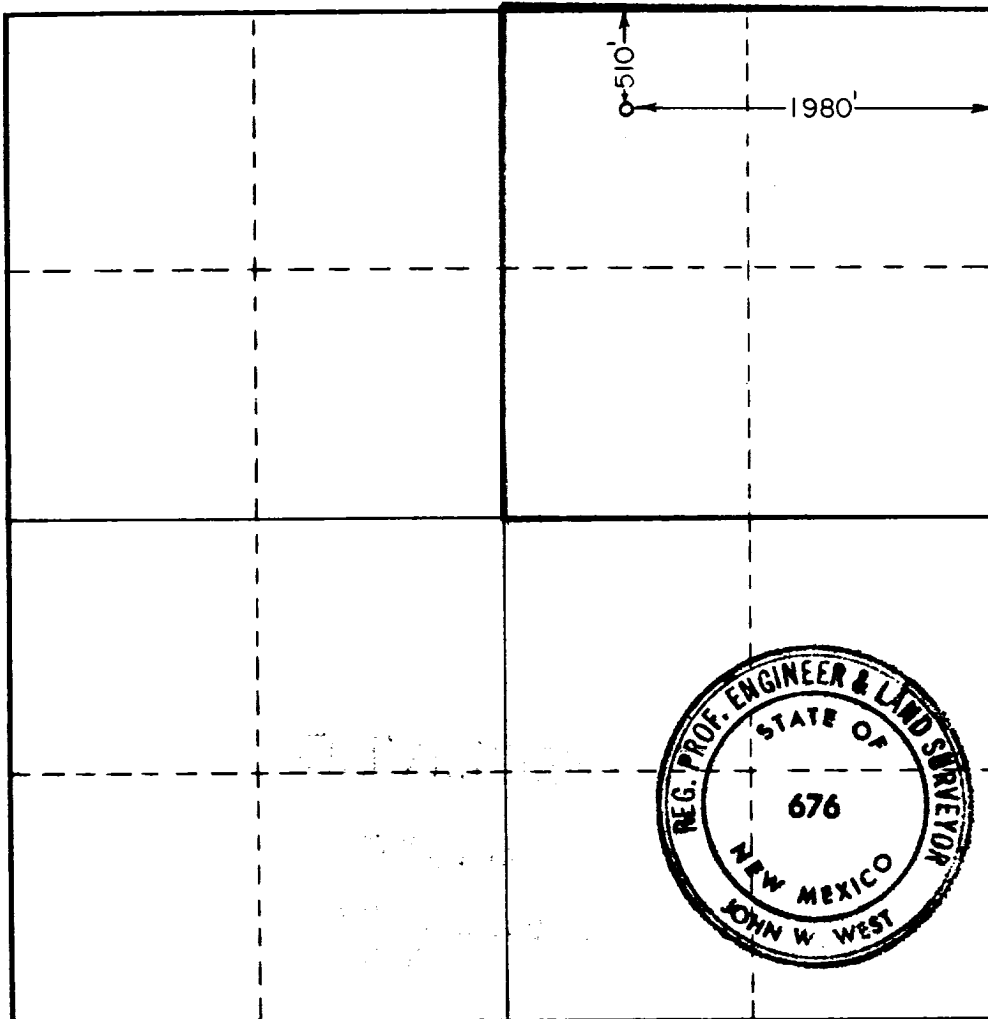
Operator LONE STAR PRODUCING CO.			Lease N M (55) FEDERAL		Well No. 2
Unit Letter B	Section 27	Township 8 SOUTH	Range 36 EAST	County ROOSEVELT	
Actual Footage Location of Well: 510 feet from the NORTH line and 1980 feet from the EAST line					
Ground Level Elev. 4081.0	Producing Formation BOUGH C PENN.		Pool VADA PENN.		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 11, 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 9, 1970
 Registered Professional Engineer and/or Land Surveyor

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



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OIL CONSERVATION COMM.
HOBBS, N. M.