

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐			5. LEASE DESIGNATION AND SERIAL NO. NM-17807	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR John H. Hill			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1411 West Avenue, Suite 100, Austin, Texas 78701			8. FARM OR LEASE NAME Marshall-Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' from South line, 1980' from West line At proposed prod. zone			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9 miles South of Maljamar			10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		16. NO. OF ACRES IN LEASE 80	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. -		19. PROPOSED DEPTH 4300'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3770' Gr.			22. APPROX. DATE WORK WILL START* 6-11-73	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8	24	500	150 - 4% Gel, 200 regular
7-7/8	4-1/2	10.50	4300	300 - 50/50 Poz

BOP will be used below surface casing depth

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.

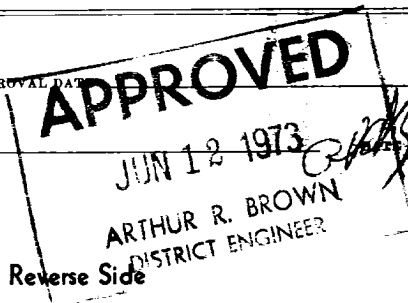
24. SIGNED W. H. Hill TITLE Superintendent DATE 6-6-73

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ 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.

**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.

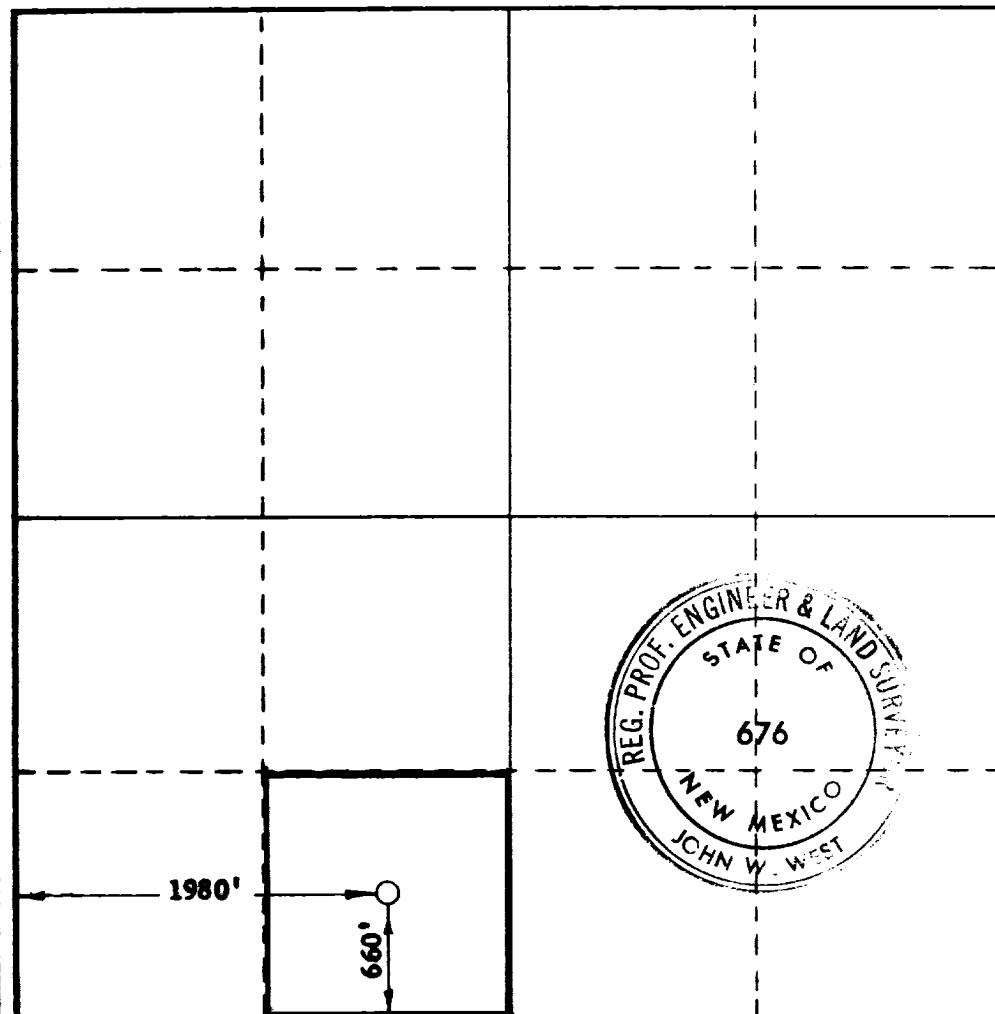
Operator JOHN H. HILL			Lease MARSHALL FEDERAL		Well No. 1
Unit Letter N	Section 23	Township 18 SOUTH	Range 32 EAST	County LEA	
Actual Footage Location of Well: 660 feet from the SOUTH line and 1980 feet from the WEST line					
Ground Level Elev. 3770'	Producing Formation Queen	Pool Wildcat UNDESIGNATED		Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 _____

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.

V. L. Wiederkehr

Name
V. L. Wiederkehr

Position
Superintendent

Company
John H. Hill

Date
6-6-73

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 16, 1973

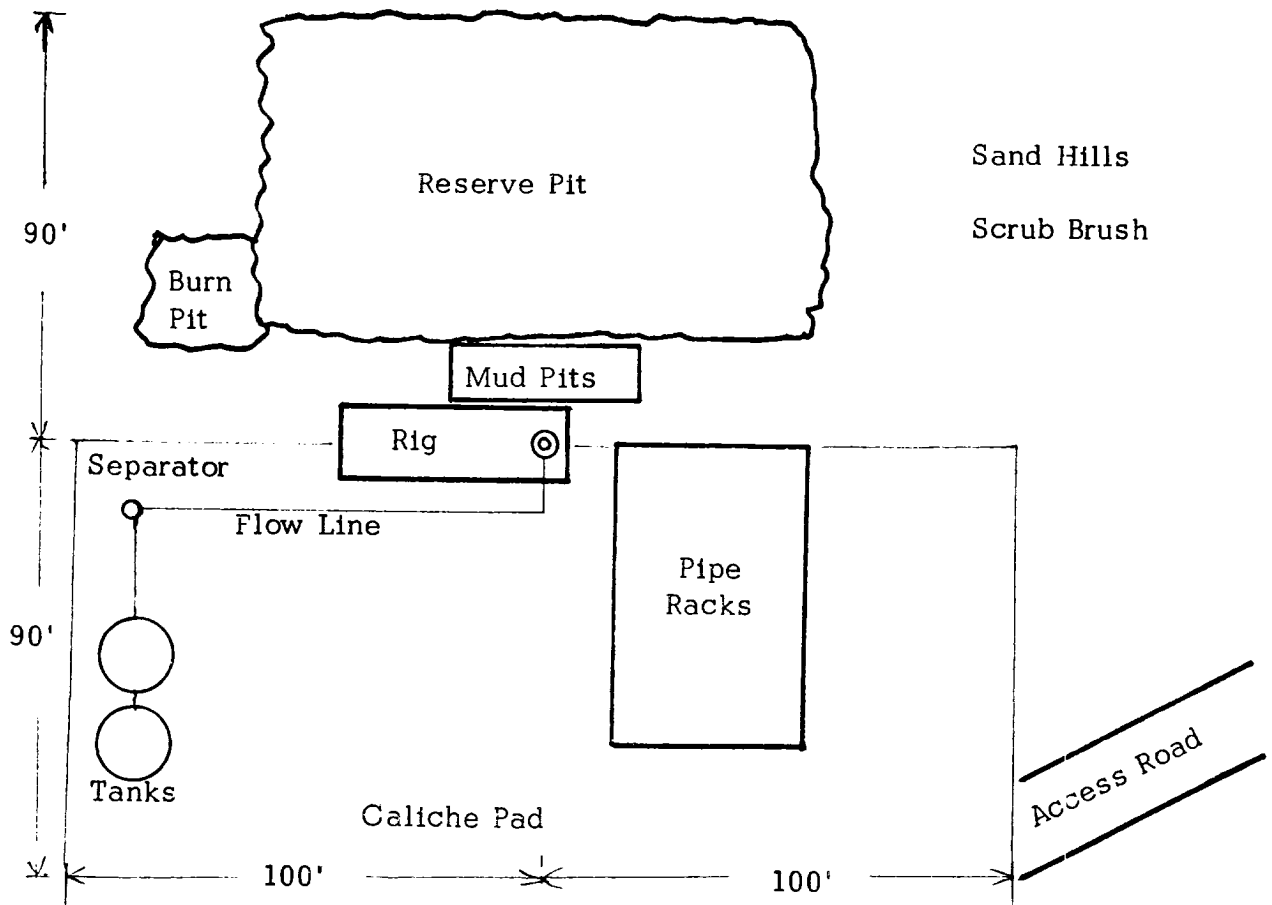
Registered Professional Engineer and/or Land Surveyor

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

JOHN H. HILL
1411 WEST AVENUE, SUITE 100
AUSTIN, TEXAS 78701
512-472-7261



MARSHALL-FEDERAL #1



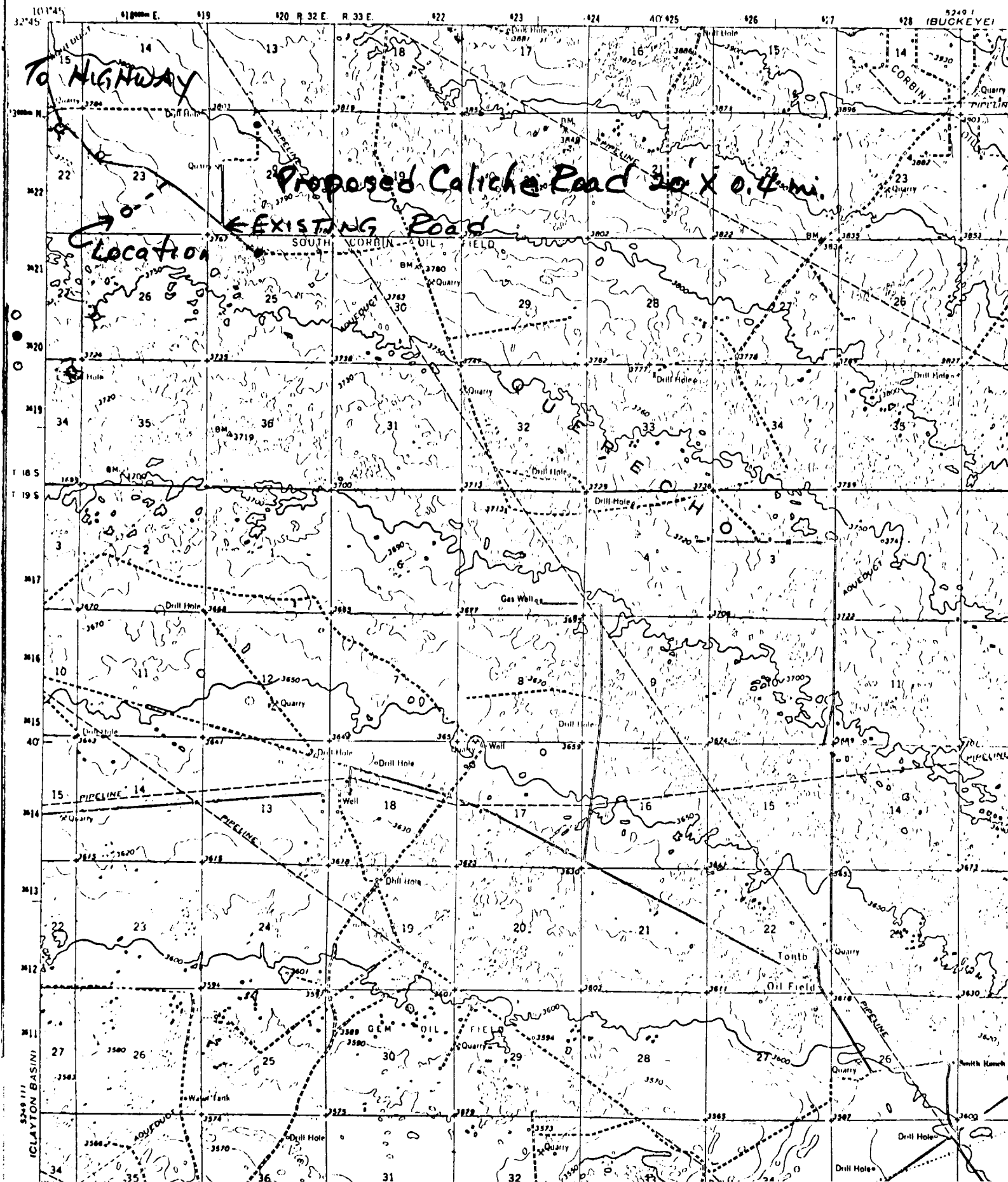
1" = 40'

JOHN N. HILL

MARSHALL FEDERAL #1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

• Wells
⊕ Dry Holes



JOHN H. HILL
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MARSHALL FEDERAL #1

Development Plan For Surface Use

6. Water for drilling will be hauled.
7. Cuttings and trash will be buried and/or burned.
11. Topsoil will be pushed aside and used to fill and level pits after drilling operations are concluded.