

30-015-25165
d5f

NM OIL & GAS, COMMISSION

Form 3160-3, December 1984

SUBMIT IN TWO COPIES
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

RECEIVED BY [Signature]
DATE 1/16/85

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

NM - 22634

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mobil "22" Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Brushy Draw Debraune

11. SEC., T. R., M., OR BLK.
AND SURVEY OR AREA

Sec. 22, T-26-S, R-29-E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

ARTESIA, OFFICE

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Challenger Energy, Inc. ✓

3. ADDRESS OF OPERATOR

P.O. Box 1262 Artesia, N.M. 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

990' FSL, 1550' FEL, Sec. 22

At proposed prod. zone

Same

12. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

16 miles south/southeast Nalaga, New Mexico

13. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PRODUCTION OR LEASE LINE, FT.

14. DISTANCE TO NEAREST DRIG. UNIT LINE, IF ANY: 990'

15. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. 1476

16. NO. OF ACRES IN LEASE

480

19. PROPOSED DEPTH

6200'

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. PREVISIONS (Show whether DF, RT, GR, etc.)

2887.2 GL

22. APPROX. DATE WORK WILL START*

ASAP

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	23#	410	Circulate to surface
7 7/8	5 1/2	15.50#	6200	Sufficient to fill to base of salt

Actual 5 1/2" Production casing setting depth to be determined after logging operations are evaluated. Equivalent or adequate weights and grades of casing may be substituted at time casing is run. Producing zones will be perforated and stimulated as necessary.

MUD PROGRAM: F.W. Gel/LCM to 410', Brine water 410-6200

POP PROGRAM: 3000# W.F., Double ran type preventer will be in use while drig. below surface casing. See exhibit E.

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.

SIGNED Craig Lieber TITLE Sec. Treas. DATE 1/4/85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE 1-15-85

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1011, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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 Challenger Energy Corp.		Lease M-41-22 Federal		Well No. 3
Unit Letter 0	Section 22	Township 26 South	Range 29 East	County Eddy

Actual Well Location of Well:

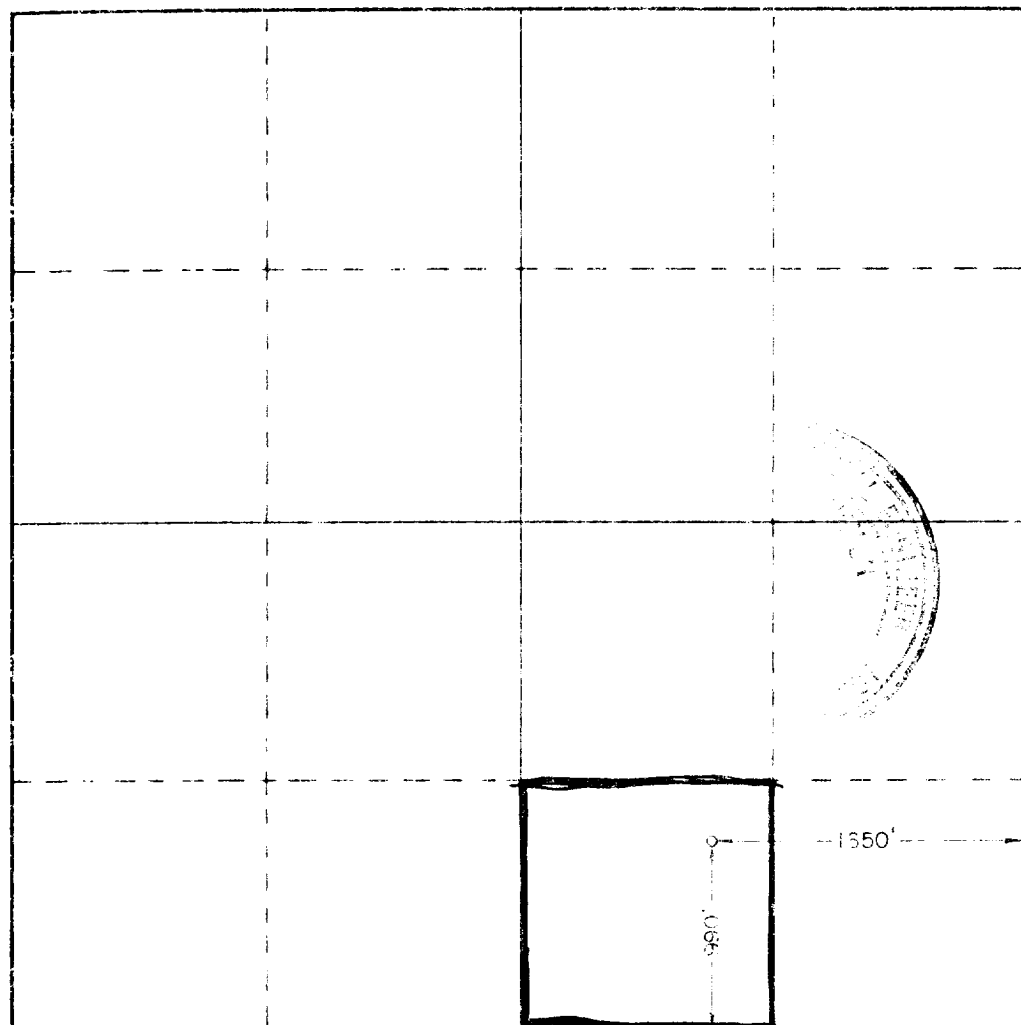
290	feet from the	South	line and	1550	feet from the	East	line
Ground Level Elev. 2677.2	Producing Formation Delaware (Cherry Canyon)		Pool Bensky Draw (Delaware)	Dedicated Acreage: 40		Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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

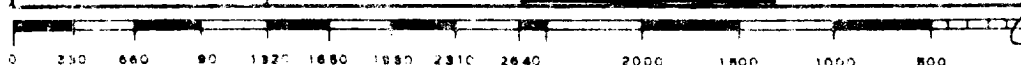
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Graig Huber
Position Sec/Treas.
Company Challenger Energy, Inc.
Date 1/3/84

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
December 26, 1984
Registered Professional Engineer
and/or Land Surveyor

John W. West
Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 5239



CHALLENGER ENERGY, INC.
Mobil "22" Federal #3
990' FSL and 1650' FEL
Sec. 22, T-26S, R-29E
Eddy County, New Mexico

In Conjunction with Form 3160-3, Application for Permit to Drill subject well, Challenger Energy, Inc. submits the following ten items of pertinent information in accordance with BLM requirements.

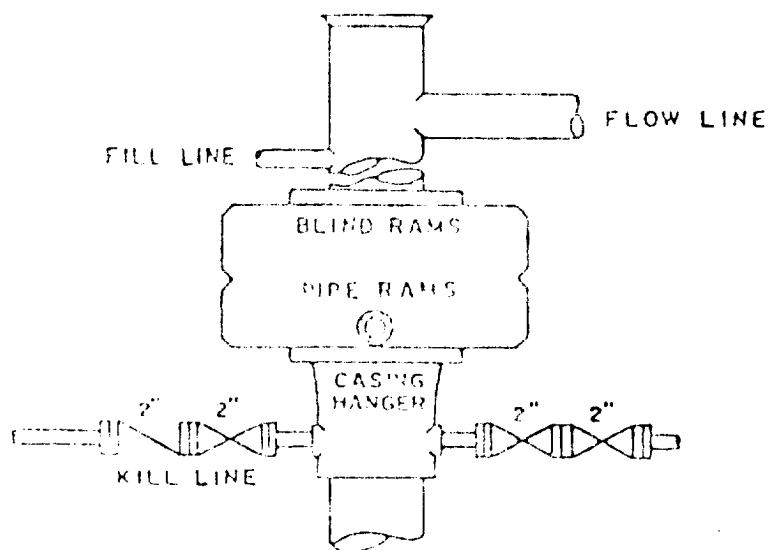
1. The geologic surface formation is sandy alluvium.
2. The estimated tops of geologic markers are as follows:

Rustler Anhydrite	350'
Base Salt	2750'
Delaware Sand	2960'
Cherry Canyon	3860'
Brushy Canyon	5460'

3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Oil: 5000'

4. Proposed Casing Program: See Form 3160-3
5. Pressure Control Equipment: See Form 3160-3 and Exhibit B
6. Mud Program: See Form 3160-3
7. Auxiliary Equipment: Sub with full-opening valve on floor, drill pipe connection.
8. Testing, Logging and Coring Program:
Samples: 2700' to TD.
DST's: As Warranted.
Coring: None.
Logging: Sonic Log TD to surface, DLL TD to 2900'.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated Starting date: As soon as possible after approval.



BOP STACK

3000 PSI WORKING PRESSURE

DEPTH INTERVAL

FROM 8-5/8" CASING SEAT TO TOTAL DEPTH

Exhibit B

BOP ARRANGEMENT