| Form 3160-3 (November 1983) (formerly 9-33%) DEPARTMENT OF THE INTERIO ATTONIC BUREAU OF LAND MANAGEMENT | | | | (Other inst revers OR | TRIP. CATE tructions on e side) | Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO. | |
|--|---|-----------------------|------------------|--|---------------------------------------|---|-------------------------|
| | | LAND MANAG | | | | 6. IF INDIAN, ALLOTTE | |
| APPLICATION | N FOR PERMIT | io drill, i | DEEPEI | N, OR PLUG | BACK | | |
| | | DEEPEN [| | PLUG B | ACK 🗌 | 7. UNIT AGREEMENT N | AMB |
| b. TYPE OF WELL OIL X G. WELL W | AS | | SINC | | | 8. FARM OR LEASE NAM | XB |
| 2. NAME OF OPERATOR | Energy, Inc. V | / | | RECEIV | ED BY | Mobil "22" Fe 9. WELL NO. | deral |
| 3. ADDRESS OF OPERATOR | | | | MAR 1 | 0 1986 | #9 | |
| P.O. Box 126 | 62, Artesia | , NM 88210 | | MAR 1 | 0 1000 | 10 FIELD AND POOL, OR WILDCAT | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. At surface 330' FSL and 990' FWL, Section 22 | | | | | C. D. | Brushy Draw 11 SBC., T., B., M., OB AND SURVEY OR AN | Delaware BLX. REA |
| At proposed prod. son | ae | | | CONTEC 1 | 17 | | |
| 14. DISTANCE IN MILES | AND DIRECTION FROM NEA | BEST TOWN OR POS | T OFFICE* | (SW_SW) |) | Sec.22, T-265 | 1 13. STATE |
| | uth/Southeast o | | | | | Eddy | NM |
| 15. DISTANCE FROM PROP LOCATION TO NEARES PROPERTY OR LEASE | osed" T Line, Ft. | 990' | 16. NO. 48 | OF ACRES IN LEASE | TOT | OF ACRES ASSIGNED THIS WELL 40 | |
| | | | 1 | DPOSED DEPTH 20. BC | | ARY OR CABLE TOOLS | |
| 21. ELEVATIONS (Show wh | ether DF, RT, GR, etc.) | | | | | 22. APPROX. DATE WO | |
| 2886.0' | | | | | | ASAP prior t | 0 3/25/86 |
| 23. | 1 | PROPOSED CASI | NG AND | CEMENTING PRO | GRAM | | |
| SILE OF HOLE | SIZE OF CASING | WEIGHT PER F | TOOT | DT SETTING DEPTH | | QUANTITY OF CEME | NT |
| 121" | 8 5/8 | 23# | | +00 top of R | <u>ustler</u> | <u>Circulate to</u> | |
| 7 7/8 | <u>5</u> | | <u>+</u> . | 6250' | | | <u>to fill to base</u> |
| | | | | | | of salt | ÷ |
| log and | cual 5½ producti ging operations grades of casi oducing zones wi | are evaluang may be s | ated. substit | Equivalent of the time to the tent of tent | or adequ e casing | ate weights is run. | |

F.W. Gel/LCM to 400', brine to T.D. Mud Program: 3000# W.P., Double ran type preventer will be in use while drilling below surface casing. See Exhibit B. BOP Program:

IN ABOVE SPACE DESCRIBE PROFOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive some 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. BIGNED Dickie Jack | Production Clerk | <u>DATE</u> 2/25/86 |
|--|--|---|
| (This space for Federal or State office use) | | |
| PER/11T NO | APPROVAL DATE | |
| APPHOVED BY | | 3.7.84 |
| CONDITIONS OF AFFROVAL, IF ANY : | | APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND |
| | *See Instructions On Reverse Side | special stipulations |
| | A state of the sta | ATTACHED |

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- U- U/J- E3588



MEXICO OIL CONSERVATION COMMISE A WELL LOCATION AND ACREAGE DEDICATION PLAT

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Form C-102 Supersedes C-128 Effective 1-1-65

| CHALFENGER FNERGY CORP. SUBIL 22 TEDERAL Part Subilit 22 TEDERAL Part Subilit 22 TEDERAL Part Pa | | | All distances must b | e from the outer bound | ndaries of the Se | ction. | |
|--|---|--|---|---|-------------------------------------|--|---|
| Market Ensemble Factor Factor Factor 990 for the Common Streth SUTT 330 test item mere SUTT 990 for the common SUTT SUTT SUTT 100 10 for the Common Streth SUTT SUTT 100 test item mere SUTT 25:06.07 Coberry Canyon Sutt Sutt 100 test item mere 100 test item mere 11 more than one lease is dedicated to the well, outline each and identify the numership thereof (both as to working titerest and royalty). 3 Hones than one lease of different numership is dedicated to the well, have the interests of all numers been consolidated by communitization, unitization, force-pooling.cec? 12 Yes No H mawer is "yes" type of consolidation 13 answer is "no." Hist the owners and tract descriptions which have actually here consolidated (by communitization, unitization force-pooling, or otherwise) or uniti an on-standard mit, eliminating such interests, has been approved by the Commission. 14 more than one lease of different numership is dedicated to the well, such the rest of the of complexe rest. 12 answer is "no." State the information certain for the information certain certain for the information certain the information ce | | ED ENERCY | TORP | | 311 22 FED | FRAL | |
| Y 22 26 SUTH 29 LAST FDDY 900 retire time into MSET into and item into MSET SUTH SUTH <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<> | | | | | | | |
| Image: The second se | | | | 29 | EAST | EDDY | |
| 990 rest time the VEST in each 310 test time the SULR interaction of the set of the se | | | | | <u> </u> | | |
| | 000 | | WEST line or | a 330 | teet from | the SOUTH | line |
| 28:6,0' Cherry Canyon Brushy Draw Delaware 40 Area 1. Guthne the accessed dedicated to the subject well by colored pencil or hackure marks on the plat below. 21 The one issue is dedicated to the well, outline each and identify the ownership thereof (both as to work in 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 to the well ownership is dedicated to the well, have the interests of all owners been consolidated to the reverse side of this form if accessers.) 3. Yes No If answer is "res" type of consolidation 1' answer is "no." If answer is "res" type of consolidation 1' answer is "no." If answer is "no." 1' answer is "no." If answer is the coll on the well on the actually been consolidated to the communitization and the set of no." 1' answer is the coll on the well and if all interests have been consolidated to the communitization. If any hooselege and ball. 1' answer is the coll on the well on the set of no. If any hooselege and ball. 1' answer is three addicated to the well occluston the set of no. If any hooselege and ball. | | | | | | <u>;</u>); | |
| 1. Catline the acceage dedicated to the subject well by colored pencil or hachare marks on the plat below. 2. I' more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to workin 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 | | Cherry | Canyon | Brushy I | Draw Delaw | are | <u>40 Arre</u> |
| duted by communitization. unitization. force-pooling. etc? Yes No If answer is "yes," type of consolidation 'answer is "no," list the owners and tract descriptions which have actually been consolidated (If se reverse side o this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization faced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I bready certify that the information for the informatio | 2. I more than | one lease is | | | | | |
| Sion. CERTIFICATION I hereby certify that the information con- tained herein is true and complete to the best of my knowledge and belief. Which Teel State Vickie Teel State Stat | duted by com Yes Fanswer is this form if n | munitization,] No If a "no," list the eccessary.) will be assig | unitization, force-po answer is "yes," typ owners and tract de ned to the well until | oling.etc? e of consolidatio escriptions which all interests hav | n n have actual re been conse | ly been consolidate olidated (by comm | od. (Use reverse side o initization, unitization |
| state of the set of th | | g, or otherwise | e) or until a non-stand | lard unit. elimina | | | |
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| Production Clerk Compare The Production Clerk The Production Clerk Th | | | | | | | lest Jul |
| Production Clerk Somy 20:3 Challenger Energy, Inc 2/25/86 I hereby certify that the well location shown on this plat was plotted from the notes of actual surveys made by me under my supervision, and that the said is true and correct to the best of the knowledge and belief. Date Surveyed FEBRUARY 21, 1986 Registered Fritessional Engineer and or Land Surveyor MONALD J. EIOSON, 3 | | - - | | 1 | | | e leer |
| 990' 330' Some we have been and be | | | | 1 | | | ction Clerk |
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BOP ARRANGEMENT

CHALLENGER ENERGY, INC. Mobil "22" Federal #9 330' FSL and 990' FWL 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 | 2870° |
| Cherry Canyon | 37701 |
| Brushy Canyon | 5410' |

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

0il: 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
- Auxiliary Equipment: Sub with +ull-opening valve on floor, drill pipe connection.
- 8. Testing, Logging and Coring Program:

Samples: 2700' to TD. DST's: As Warranted. Coring: None. Logging: CND TD to 2800', DLL TD to 2800', and Gamma Ray TD to Surface.

- 9. No abnormal pressures or temperatures are anticipated.
- 10. Anticipated Starting date: As soon as possible after approval. (Prior to March 25, 1986)



