

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RECEIVED

JUN 15 1982

O. C. D.
ARTESIA, OFFICE

30-015-24168

Form C-101
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

1b. Type of Well

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. Name of Operator

Challenger Minerals, Inc. ✓

3. Address of Operator

701 Petroleum Bldg. Midland, TX 79701

7. Unit Agreement Name

8. Farm or Lease Name

Smith "4" Comm

9. Well No.

#1

10. Field and Pool, or Wildcat

Wildcat

4. Location of Well

UNIT LETTER "O" LOCATED 990 FEET FROM THE South LINE

AND

1980

FEET FROM THE East LINE OF SEC. 4 TWP. 24 RGE. 27 NMPM

12. County

Eddy

1. Elevations (Show whether DT, RT, etc.)

3,148' GL

21A. Kind & Status Plug. Bond

Blanket & Current

19. Proposed Depth

13,000'

19A. Formation

Morrow

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

Unknown

22. Approx. Date Work will start

July 5, 1982

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13 3/8"	54.5#	500'	425	circ
12½"	9 5/8"	36# & 40#	4500'	1380	circ
8½"	7"	26#	10600'	507	6,000'
8½"	7"	26#	6000'	538	circ
6 5/8"	4 1/2"	13.5#	13000'	386	10,600'

APPROVAL VALID FOR 90 DAYS

PERMIT EXPIRES 12-18-82

UNLESS DRILLING UNDERWAY

As soon as Contractor is designated will file form C-103 showing blow out stack.

Drill a 17½" hole to 500'; run 13 3/8" casing @ 500'; cmt w/425 sx & circ cmt; WOC; test casing to 1,000 psi; drill a 12½" hole to 4,500'; run 9 5/8" casing @ 4,500'; cmt w/1,380 sx; WOC; drill a 8½" hole to 10,600'; run 7" casing @ 10,600' w/DV tool set @ 6,000' (Bone Spring); cmt 1st stage w/507 sx; WOC; cmt 2nd stage w/538 sx & circ; WOC; drill a 6 5/8" hole to 13,000' (Morrow); if production is indicated run 4½" casing (liner) to 13,000'; cmt w/386 sx. Estimated top of cmt is 10,600'. Possible DST in Bone Spring - Wolfcamp (5,500'-10,500').

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

signed M. K. K. Title Operations Manager Date 6/14/82

(This space for State Use)

APPROVED BY M. K. K. TITLE OIL AND GAS INSPECTOR DATE JUN 17 1982

CONDITIONS OF APPROVAL, IF ANY:

Posted FD-1
6-18-82
New Loc.
NOT + BK

**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 MINERALS, INC.			Lease SMITH "4" COMM		Well No. 1
Unit Letter "O"	Section -4	Township -24-S	Range -27-E	County EDDY	

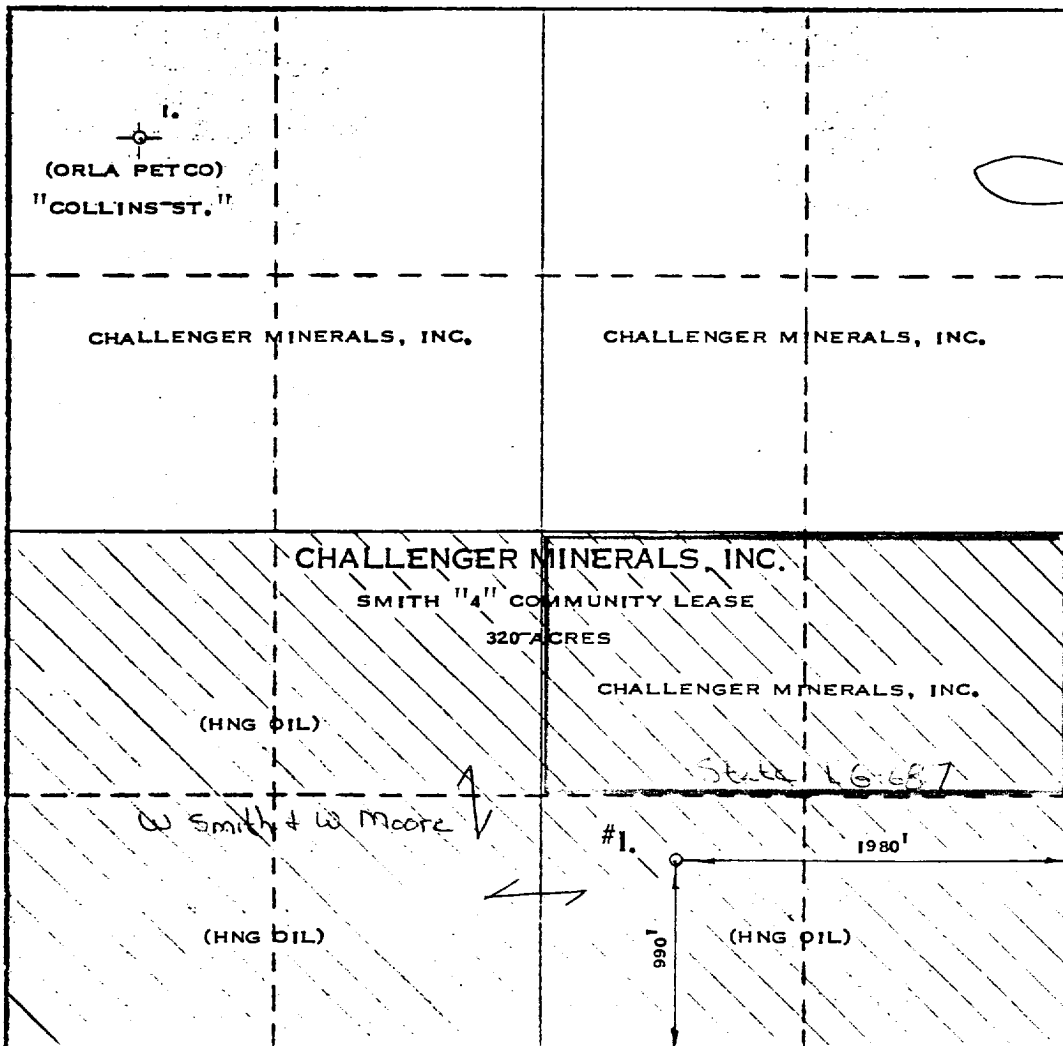
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 990 feet from the SOUTH line and 1980 feet from the EAST line </div>					
Ground Level Elev. 3148	Producing Formation MORROW	Pool WILDCAT	Dedicated Acreage: 320 Acres		

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 Com in Process

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
Don McBroom

Position
Operations Manager

Company
Challenger Minerals, Inc.

Date
6/14/82

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:
JUNE 9, 1982

Registered Professional Engineer and/or Land Surveyor
MAX A. SCHUMANN JR.

Certificate No.
1510





CHALLENGER MINERALS INC.

A Subsidiary of Global Marine Inc.

701 Petroleum Building, 214 West Texas Street Midland, TX 79701 (915) 683-5457

RECEIVED

JUN 15 1982

O. C. D.
ARTESIA, OFFICE

June 14, 1982

Oil Conservation Division
P.O. Drawer DD
Artesia, NM 88210

Re: Smith "4" Community #1
Eddy County, NM

Oil Conservation Division:

Please find enclosed five (5) copies of Form C-101 and five (5) copies of Form C-102 pertaining to the above referenced well.

As noted on Form C-101 a blow out stack schematic will be submitted as soon as a Contractor has been designated.

Please contact me by phone when permission has been granted, as we are under a time frame to spud.

Thank you for your consideration, and call on me if you should have any questions.

Respectfully,

CHALLENGER MINERALS, INC.

Glenda Hocutt
Tech Aid

Enclosures