

**NM OIL CONS. COMMISSION
DRAWER DD
ARTESIA, NM 88210**

Form 3160-3
(December 1990)

FORM 3160-3
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.
LC-071988-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

JAMES RANCH UNIT

8. FARM OR LEASE NAME WELL NO. 1784

JAMES RANCH UNIT #53

9. AM WELL NO.

30-015-28115

10. FIELD AND POOL, OR WILDCAT

LOS MEDANOS (DELAWARE)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 40297

SEC 8, T-23S, R-31E

12. COUNTY OR PARISH

EDDY

13. STATE

NEW MEXICO

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
BASS ENTERPRISES PRODUCTION CO. ✓

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 2760, MIDLAND, TEXAS 79702-2760 (915) 683-2277

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1980' FNL & 2310' FWL, SECTION 8, T-23-S, R-31-E
At proposed prod. zone
SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
38 MILES EAST OF CARLSBAD, NEW MEXICO

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
330'

16. NO. OF ACRES IN LEASE
2048.2

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.
1320'

19. PROPOSED DEPTH
8200'

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3324.3' GR

22. APPROX. DATE WORK WILL START*
UPON APPROVAL

23. PROPOSED CASING AND CEMENTING PROGRAM

R-111-P Potash

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
* 14-3/4"	11-3/4" WC-40	42#	600'	400 sx circ to surface
** 11"	8-5/8" WC-50	32#	3950'	1135 sx circ to surface
*** 7-7/8"	5-1/2" K-55	15.50#	8200'	710 sx tie back to 3650'

- * SURFACE CASING TO BE SET IN THE RUSTLER ANHYDRITE.
- ** INTERMEDIATE CASING TO BE SET IN THE TOP OF THE LAMAR LIMESTONE.
- *** DV TOOL AT +/- 6000', CEMENT TO TIE BACK TO 3650'.

Post ID-1
9-30-94
New Line & API

DRILLING PROCEDURE, BOP DIAGRAM, ANTICIPATED TOPS AND SURFACE USE PLANS ATTACHED.
THIS LOCATION IS INSIDE THE AREA OF R-111, BUT OUTSIDE OF IMC'S LMR FOR POTASH.

Certified # P 158 944 995

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 William R. Dannels WILLIAM R. DANNELS
DIVISION DRILLING SUPT. DATE _____

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Wm C. Calhoun DATE 8-29-94

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, 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.

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

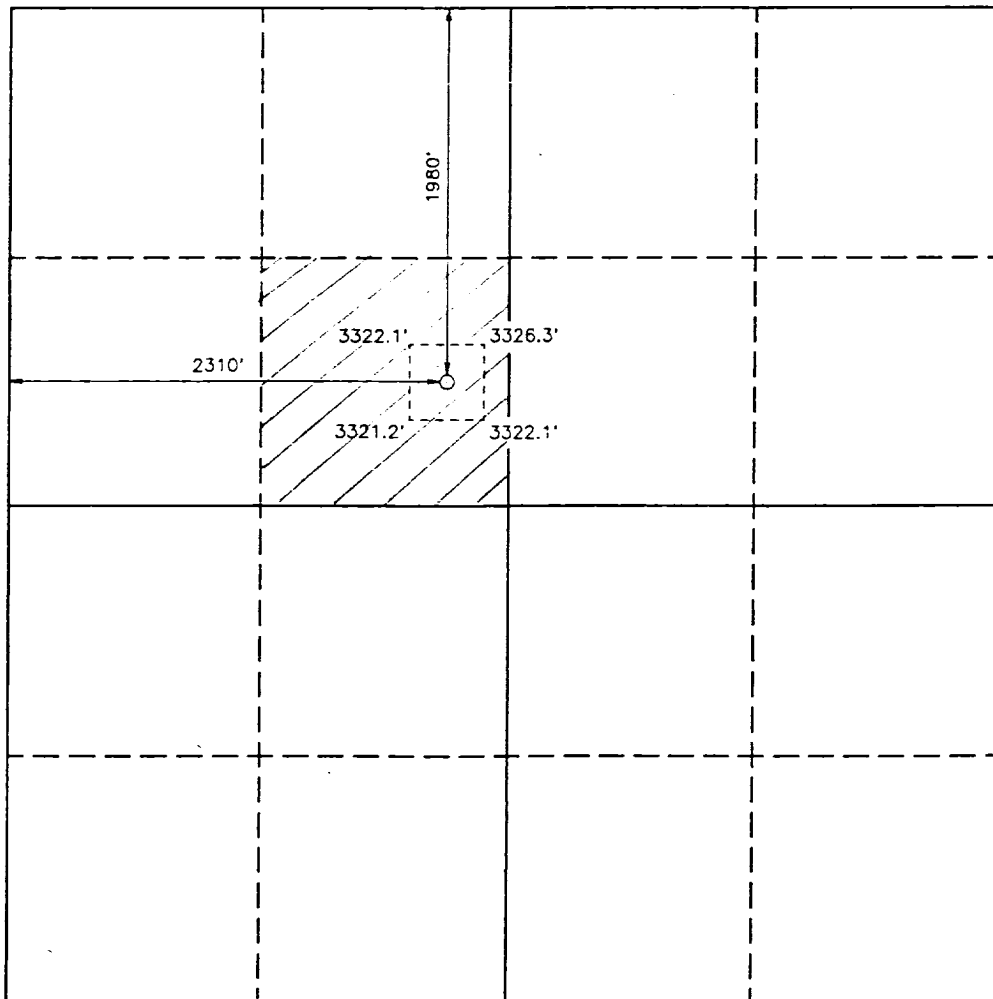
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BASS ENTERPRISES PROD. CO.		Lease JAMES RANCH UNIT		Well No. 53
Unit Letter F	Section 8	Township 23 SOUTH	Range 31 EAST NMPM	County EDDY
Actual Footage Location of Well: 2310 feet from the WEST line and 1980 feet from the NORTH line				
Ground Level Elev. 3324.3'	Producing Formation DELAWARE	Pool LOS MEDANOS	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interest 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)
No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



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

Signature
Printed Name
BARRY A. ALLEN
Position
TEMP. DRILLING SUPT.
Company
BASS ENTERPRISES PROD. CO
Date
6/22/94

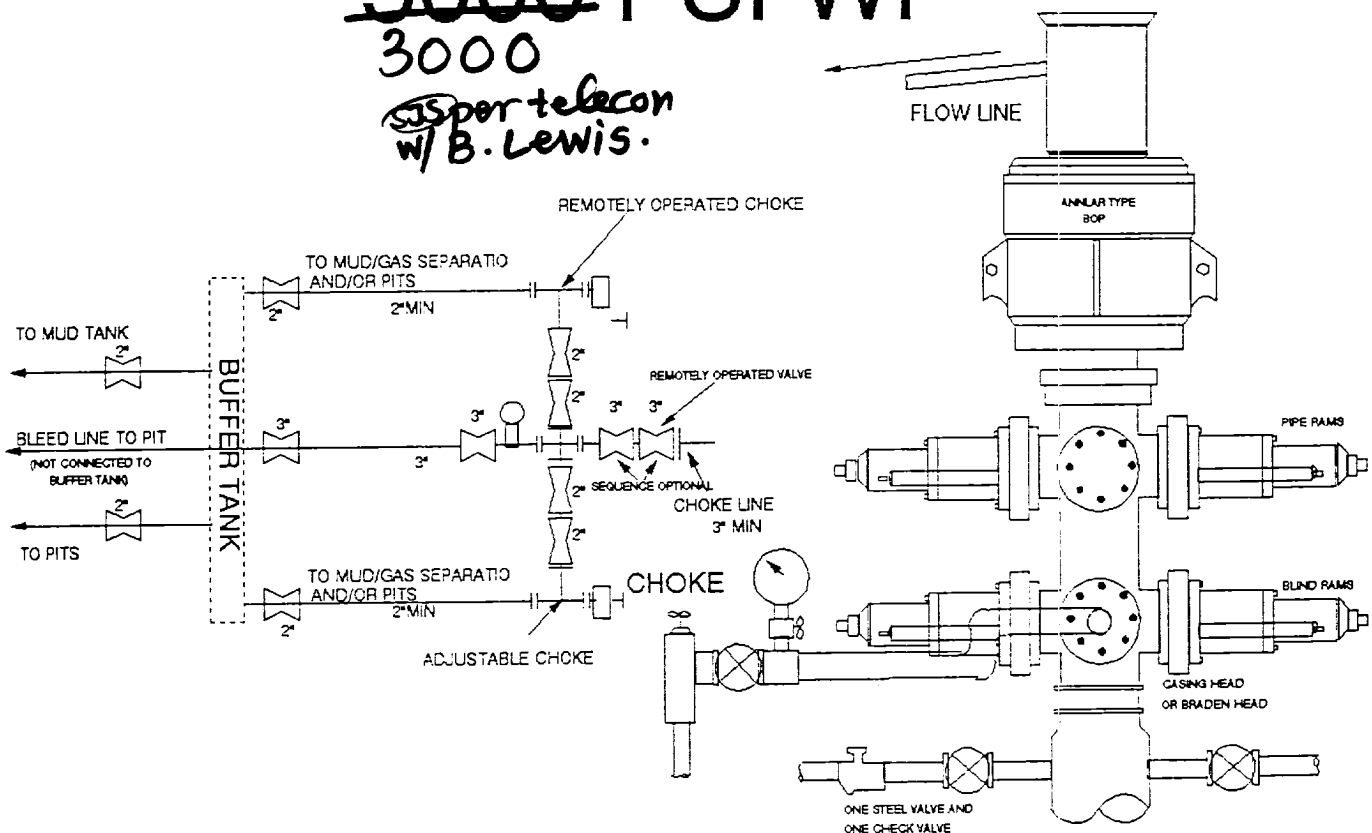
SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
NOVEMBER 8, 1993
Signature & Seal of Professional Surveyor

Certificate No. JOHN W. REAR 878
RONALD A. BOBEN 3230
GARY L. JONES 7977
9-2-1996

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

~~5000~~ PSI WP
3000
super telecon
w/ B. Lewis.



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A. One double gate blowout preventer with lower rams for pipe and upper rams blind, all hydraulically controlled.
- B. Opening on preventers between rams to be flanged, studded or clamped and at least two inches in diameter.
- C. All connections from operating manifold to preventers to be all steel hose or tube a minimum of one inch in diameter.
- D. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate (close, open, and re-close) the preventers.
- E. All connections to and from preventers to have a pressure rating equivalent to that of the BOP's.
- F. Manual controls to be installed before drilling cement plug.
- G. Valve to control flow through drill pipe to be located on rig floor.
- H. All chokes will be adjustable. Choke spool may be used between rams.

DIAGRAM 1