

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
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

API NO. (assigned by OCD on New Wells)
30-025-30989
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V-1618

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	7. Lease Name or Unit Agreement Name Ganso State
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Well No. #1
2. Name of Operator Strata Production Company	9. Pool name or Wildcat Hat Mesa Delaware
3. Address of Operator 648 Petroleum Building Roswell, NM 88201	
4. Well Location Unit Letter O : 660 Feet From The South Line and 1980 Feet From The East Line Section 32 Township 20 Range 33 NMPM Lea County	

10. Proposed Depth 7100'	11. Formation Delaware	12. Rotary or C.T. Rotary
13. Elevations (Show whether DF, RT, GR, etc.) GL 3649.8	14. Kind & Status Plug. Bond Statewide	15. Drilling Contractor WEK
16. Approx. Date Work will start 9/30/90		

17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	1300'	circulate	SFC
7 7/8"	5 1/2"	15.5 & 17#	7100'	circulate	SFC

- 1) Drill 12 1/4" hole to 1300' w/ native mud. Set 8 5/8" csg & circulate cmt to sfc.
- 2) Drill 7 7/8" hole to 7100', maintaining a brine system @ 100,000 ppm cl to TD w/ 10 cc's WL from 6400-7100'. Run CNL-FDC, DLL & sidewall cores. If necessary, set 5 1/2" csg to TD & circ cmt to sfc in two stages thru DV tool @ 5000'.
- 3) See B.O.P. diagram, hole prognosis & surface use plan enclosed.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Frank S. Morgan TITLE Vice President DATE 8/16/90
TELEPHONE NO. _____

TYPE OR PRINT NAME _____

(This space for State Use)

Original Copy
Paul Reutz
Geologist

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

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

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Santa Fe, New Mexico 87504-2088

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Strata Production Company			Lease Exxon State		Well No. 1
Unit Letter 0	Section 32	Township 20 South	Range 33 East	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the East line					
Ground level Elev. 3649.8	Producing Formation DELAWARE		Pool HAT MESA DELAWARE		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

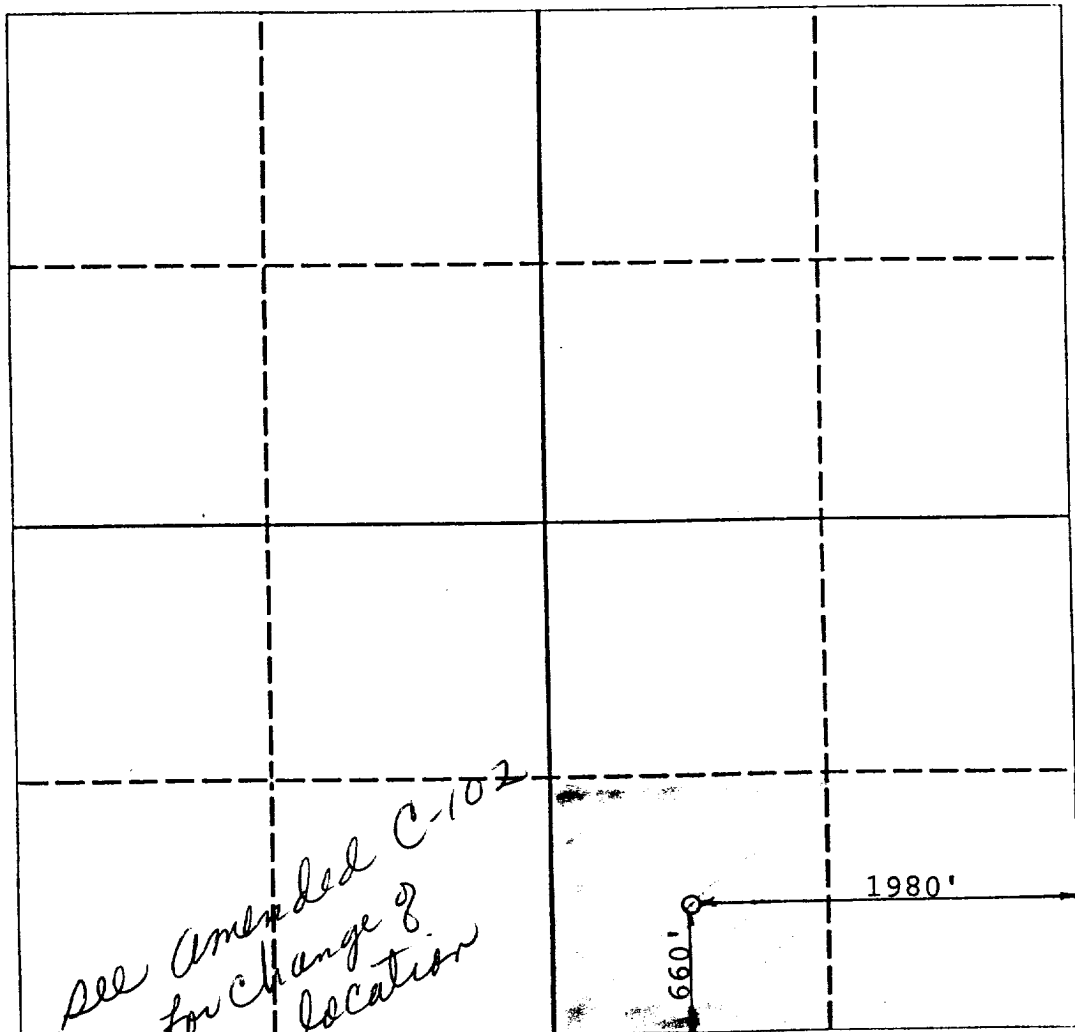
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the 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 the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary. **1 LEASE ONLY.**

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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
James G. McClelland
Printed Name
JAMES G. McCLELLAND
Position
VICE PRESIDENT
Company
STRATA PRODUCTION CO.
Date
8-15-90

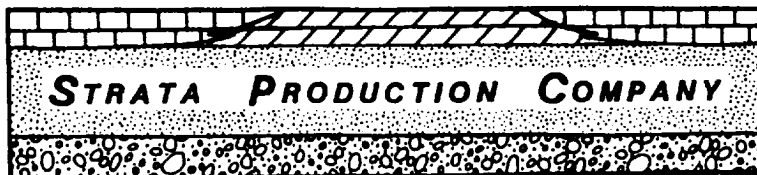
SURVEYOR CERTIFICATION

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
August 10, 1990
Signature & Seal of Professional Surveyor
R. Patton
Certificate No.
8112

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

GEORGE L. SCOTT, JR.
FRANK S. MORGAN
JAMES G. MCCLELLAND



648 PETROLEUM BLDG.
ROSWELL, N.M. 88201
(505) 622-1127
(505) 622-5891

August 28, 1990

To: Mississippi Chemical Corporation RETURN RECEIPT REQUESTED
PO Box 101 CERTIFIED MAIL #492635060
Carlsbad, NM 88220
Attention: Ms. Jill Ivey

Re: Application to Drill in Potash Area
Ganso State #1-0
Section 32, T-20-S, R-33-E Lea County, New Mexico

Dear Ms. Ivey:

In accordance with the State of New Mexico's Oil Conservation Division Rule R-111-P C (2) (3), we enclose the following material:

- 1) Copy of Application to for Permit to Drill; and
- 2) Surface Location Plat of the area.

State of New Mexico Public Land records show Mississippi Chemical Corp. as the potash lessee covering the lands captioned above and Strata Production Company hereby informs you that we intend to drill a well to 7150' at a location 1980' FEL and 660' FSL of Section 32. If you are agreeable that our drilling of the well will not interfere with your potash operations, please execute in the space provided below and return one (1) copy of this letter, in the enclosed envelope, to the undersigned at your earliest convenience.

Should you have any questions or need any additional information, please advise.

Yours truly,

James G. McClelland
Vice President - Administration

AGREED TO AND ACCEPTED THIS 4th DAY OF ~~AUGUST~~ ^{SEPTEMBER}, 1990.

MISSISSIPPI CHEMICAL CORPORATION

BY: Jill C. Ivey

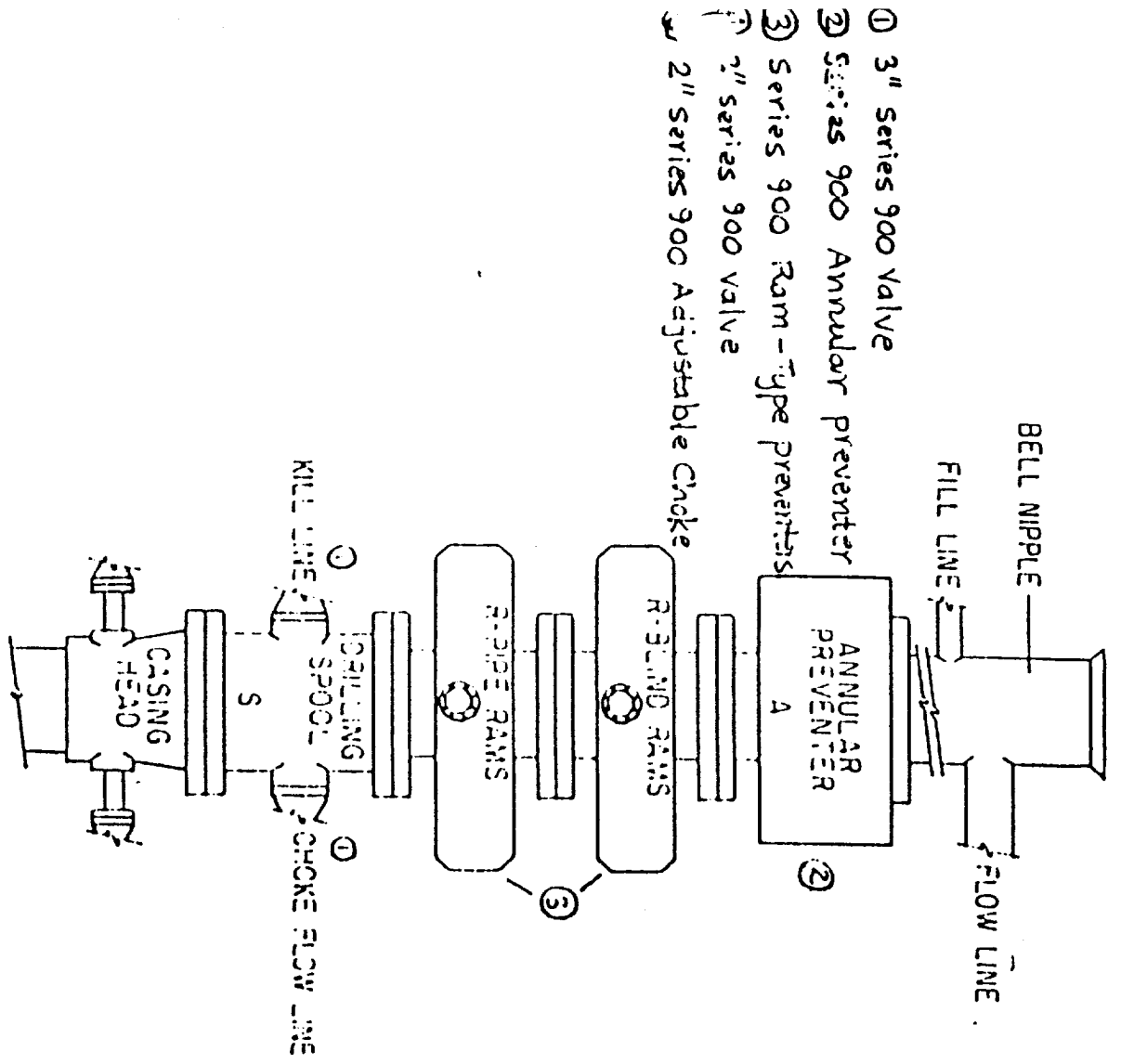
TITLE: Dr. Mine Engineer

4-5-90

9-27-90 McClelland w/ Strata cleared the change of location with

STRA TA PRODUCTION COMPANY

STRATA PRODUCTION COMPANY
GANSO STATE #1
660' FSL, 1980 FEL
Sec. 32, T-20-S, R-33-E



3000 PSI
Working Pressure
(Series 900 Flanges)

