

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-1
Effective 1-1-65

| | | |
|------------------|-----|--|
| DISTRIBUTION | | |
| SANTA FE | | |
| FILE | | |
| U.S.G.S. | | |
| LAND OFFICE | | |
| TRANSPORTER | OIL | |
| | GAS | |
| OPERATOR | | |
| PRORATION OFFICE | | |

I.

| | |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator Shell Oil Company Address P. O. Box 1509, Midland, Texas 79702 | |
| Reason(s) for filing (Check proper box) | Other (Please explain) |
| New Well <input checked="" type="checkbox"/> | Change in Transporter of Oil <input type="checkbox"/> |
| Recompletion <input type="checkbox"/> | Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> |
| Change in Ownership <input type="checkbox"/> | Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> |

If change of ownership give name and address of previous owner

THIS WELL HAS BEEN PLACED IN THE POOL
DESIGNATED BELOW. IF YOU DO NOT CONCUR
NOTIFY THIS OFFICE.

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------|------------------------------------------------|--------------------------|
| Lease Name Corder Federal | Well No. 4 | Pool Name, including Formation Cato San Andres | Kind of Lease State, Federal or Fee Federal | Lease No. NM 073394-A |
| Location Unit Letter <u>H</u> ; <u>1980</u> Feet From The <u>north</u> Line and <u>660</u> Feet From The <u>east</u> Line of Section <u>5</u> Township <u>9S</u> Range <u>30E</u> , NMPM, <u>Chaves</u> County | | | | |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | | | | | | |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------|------------|-------------|-----------------------------------|-----------------|
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) P. O. Box 1073, Midland, Texas 79702 | | | | | |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) P. O. Box 4906, Midland, Texas 79702 | | | | | |
| If well produces oil or liquids, give location of tanks. | Unit C | Sec. 5 | Twp. 9S | Rge. 30E | Is gas actually connected? Yes | When 8-27-77 |

If this production is commingled with that from any other lease or pool, give commingling order number: CT-179

V. COMPLETION DATA

| | | | | | | | | |
|--------------------------------------------------|----------------------------------------------|-----------------------------------|----------------------------------------------|-----------------------------------|---------------------------------|------------------------------------|--------------------------------------|---------------------------------------|
| Designate Type of Completion - (X) | Oil Well <input checked="" type="checkbox"/> | Gas Well <input type="checkbox"/> | New Well <input checked="" type="checkbox"/> | Workover <input type="checkbox"/> | Deepen <input type="checkbox"/> | Plug Back <input type="checkbox"/> | Same Res'v. <input type="checkbox"/> | Diff. Res'v. <input type="checkbox"/> |
| Date Spudded 8-9-77 | Date Compl. Ready to Prod. 8-24-77 | | Total Depth 3490 | | P.B.T.D. 3448 | | | |
| Elevations (DS, RKB, RT, GR, etc.) 4090.20 GR | Name of Producing Formation San Andres | | Top Oil/Gas Pay 3362 | | Tubing Depth 3428 | | | |
| Perforations 3409-3411, 3362-3395 | | | | | Depth Casing Shoe - | | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | SACKS CEMENT | | | |
| 12 1/4" | 8 5/8" | | 253 | | 150 | | | |
| 7 7/8" | 5 1/2" | | 3490 | | 1760 | | | |
| 7 7/8" | 2 3/8" | | 3428 | | - | | | |

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

Test must be after recovery of total volume of load oil and must be equal to or exceed applicable for this depth or be for full 24 hours

| | | | |
|--------------------------------------------|-------------------------|----------------------------------------------------------|-----------------|
| Date First New Oil Run To Tanks 10-1-77 | Date of Test 10-1-77 | Producing Method (Flow, pump, gas lift, etc.) Pumping | |
| Length of Test 24 | Tubing Pressure 35 | Casing Pressure 35 | Choke Size - |
| Actual Prod. During Test - | Oil-Bbls. 60 | Water-Bbls. 228 | Gas-MCF 35 |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-------------------------------|
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate 22.8 |
| Testing Method (pilot, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Choke Size |

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

J. D. D'Agostino
(Signature)
Senior Drilling Engineer
(Title)

1-7-77

(Date)

OIL CONSERVATION COMMISSION

APPROVED 10/1/77, 19

BY Gerry Smith

TITLE SUPERVISOR DISTRICT I

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviated tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for all wells on new and re-completed wells.

Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter or other such change of condition.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PL**

Form No. 1
Supersedes Form
No. 1 (1964)

All distances must be from the outer boundaries of the Section

| | | | | |
|--------------------------------------|------------------------------------------|-------------------------|--------------------------------|--|
| Operator SHELL OIL COMPANY | | | Lease CORDER FEDERAL | |
| Section 5 | Township 9 South | Range 30 East | County Chaves | |
| Actual Well Location of Wells | | | | |
| 1980 | feet from the North | line and 660 | feet to the East | |
| Ground Level Elev. 4090.20 | Producing Formation San Andres | Rock Cato | 40 | |

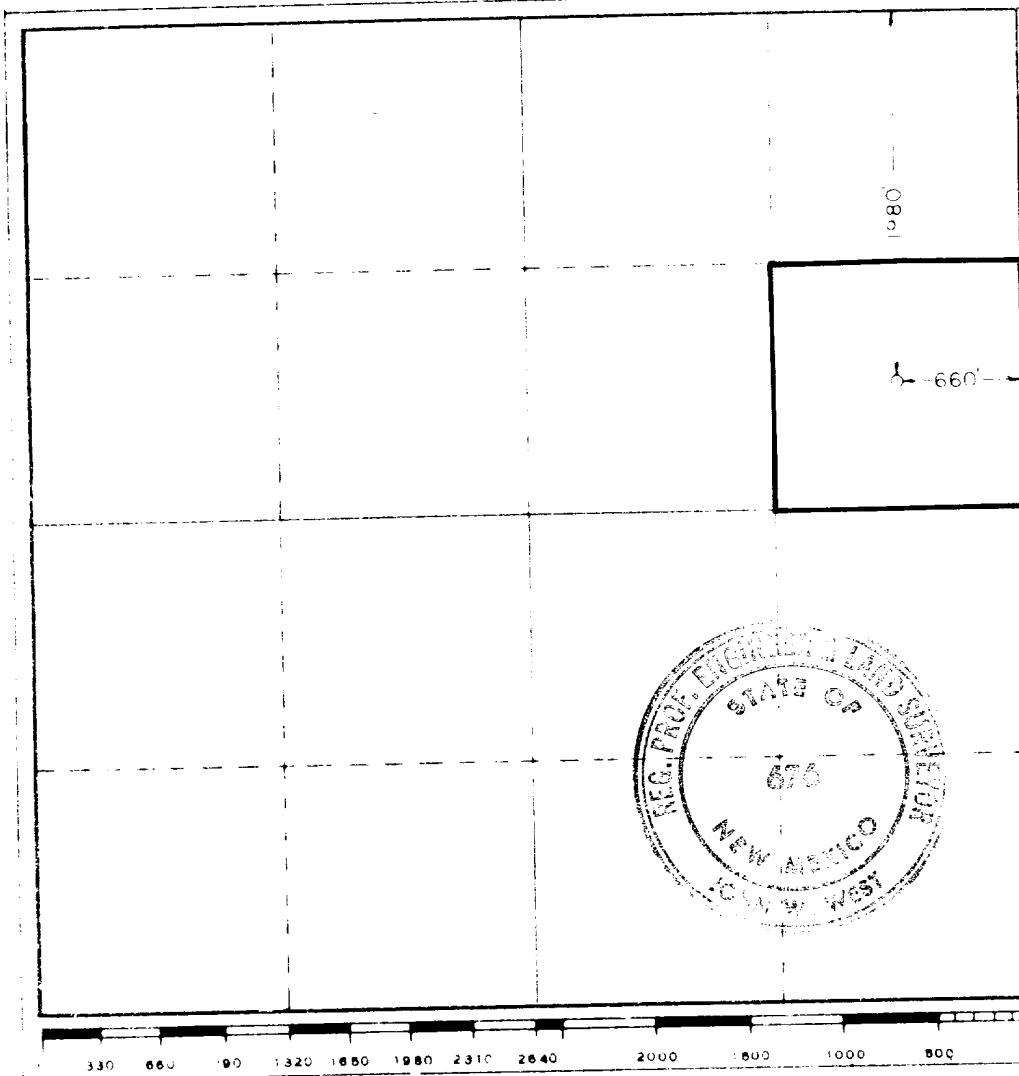
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- 1 Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below
- 2 If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).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

J. D. D'Agostino
J. D. D'Agostino

Senior Drilling Engineer

Shell Oil Company

10-7-77

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 same is true and correct to the best of my knowledge and belief.

March 5, 1977

John W. West

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INCLINATION REPORT

OPERATOR Shell Oil Company ADDRESS P.O. Box 1509, Midland, Texas 79701
 LEASE NAME Corder Federal #4 WELL NO. 4 FIELD _____
 LOCATION Section 5, T-9S, R-30E, Chaves County, New Mexico

| DEPTH | ANGLE INCLINATION DEGREES | DISPLACEMENT | DISPLACEMENT ACCUMULATED |
|-------|------------------------------|--------------|-----------------------------|
| 253 | 1/2 | 2.2011 | 2.2011 |
| 718 | 1/4 | 2.0460 | 4.2471 |
| 1205 | 1/2 | 4.2369 | 8.4840 |
| 1689 | 1/2 | 4.2108 | 12.6948 |
| 1889 | 1/2 | 1.7400 | 14.4348 |
| 2271 | 1/2 | 3.3234 | 17.7582 |
| 2532 | 1/2 | 2.2707 | 20.0289 |
| 3000 | 1/2 | 4.0716 | 24.1005 |
| 3394 | 3/4 | 5.1614 | 29.2619 |
| 3490 | 3/4 | 1.2576 | 30.5195 |

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

Garlin Taylor
 TITLE Garlin Taylor, Adm. Asst.

AFFIDAVIT:

Before me, the undersigned authority, appeared Garlin Taylor known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Garlin Taylor
 AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 17th day of August, 19 77

MY COMMISSION EXPIRES MARCH 1, 1980

SEAL

Jerry L. McQuinn
 Notary Public in and for the County
 of Lea, State of New Mexico

CONFIDENTIAL

10-1-1977

U.S. CONSTITUTION COMM.
10-1-1977

CONFIDENTIAL

10-1-1977

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10-1-1977