



GARY JOHNSON  
GOVERNOR

STATE OF NEW MEXICO

**ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION  
ARTESIA DISTRICT OFFICE

SEP 11 1995 8:04

JENNIFER SALISBURY  
CABINET SECRETARY

SEP 11 1995 8:04

September 8, 1995

Rand Carroll, Legal Bureau  
Oil Conservation Division  
2040 So. Pacheco Street  
Santa Fe, NM 87505

Re: Well Plugging, Mercury Prod Co, Constate #1 D-36-16-31

Dear Rand:

We recommend the above captioned well be plugged to protect fresh waters of the state of New Mexico, the environment and correlative rights in the area.

Sincerely,

Ray Smith  
Field Rep II

RS:br

BEFORE EXAMINER CATANACH	
OIL CONSERVATION DIVISION	
<u>CCD</u>	EXHIBIT NO. <u>1</u>
CASE NO. <u>11517</u>	

New Mexico  
**ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT**

Mercury Production Co.  
Constate #1, Ut D-36-16-31

Plugging Procedure:

1. Run in hole with tubing to 3339' and spot a 100 Sx plug. This will cover the Queen at 3094' and bring cement to around 2000'. Est TOC 1738'.
2. Place mud between plugs.
3. Perforate at 200' and circulate cement to surface leaving casing full.
4. Set dry hole marker.
5. Clean and level location.

Contractor will need to make sight assessment of roads and location and repair as necessary.

[illegible]

**ENERGY and MINERALS DEPARTMENT**

Oil Conservation Division  
New Mexico  
Albuquerque, New Mexico 88211-7529

Fold at line over top of envelope to the  
right of the return address

**CERTIFIED**

Z 212 312 923

**MAIL**

Mercury Production Co.  
Rigolea Bnk Bldg, Suite 1212  
Fort Worth, TX 76116

NO DELIVERANCE  
FORWARDING CHARGE APPLIED

**FWD. ADDR.**

RETURN TO SENDER 0001 03/22/95  
THIS BARCODE IS FOR  
THE RETURN ADDRESS  
88211-0310

|||||

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

**3. Article Addressed to:**

Mercury Production Co.  
Rigelea Bank Bldg. Suite 1212  
Ft. Worth, TX 76116

**4a. Article Number**

Z 212 312 923

**4b. Service Type**

- ☐ Registered
- ☒ Certified
- ☐ Express Mail
- ☐ Insured
- ☐ CDD
- ☐ Return Receipt for Merchandise

**7. Date of Delivery**

**5. Signature (Addressee)**

**6. Signature (Agent)**

**8. Addressee's Address (Only if requested and fee is paid)**

I also wish to receive the following services (for an extra fee):

- 1. ☐ Addressee's Address
- 2. ☐ Restricted Delivery

Consult postmaster for fee.

Thank you for using Return Receipt Service.



GARY JOHNSON  
GOVERNOR

STATE OF NEW MEXICO

**ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION  
ARTESIA DISTRICT OFFICE

JENNIFER SALISBURY  
CABINET SECRETARY

March 22, 1995

Mercury Production Co.  
Rigelea Bank Bldg, Ste. 1212  
Fort Worth, TX 76116

Re: Properly Abandoned Wells

Rule 201 A. states that the operator of any well drilled for oil, gas or injection, for seismic, core or other exploration, or for a service well, whether cased or uncased, shall be responsible for the plugging thereof.

Rule 201 B. states a well shall be either properly plugged and abandoned or temporarily abandoned in accordance with these rules within 90 days after (1.) A 60 day period following suspension of drilling (2.) A determination that the well is no longer usable for beneficial purposes (3.) A period of 1 year in which a well has been continuously inactive.

The Mercury Production, Constate #1 located in Ut. D-36-16-31 was shutin in September 1974 but not in accordance with the above rules. It has been well over a year with no production.

Please forward to this office, by May 1, 1995, a plan to plug and abandon this well.

Yours Truly,

Ray Smith  
Field Rep II

MERCURY PRODUCTION CO.

~~XXXXXXXXXXXX~~

\$10,000 Blanket Plugging Bond

Approved 2/14/64

The Consent of Surety Rider changing the principal on the above-captioned bond to Mercury Production Company from Frank Darden is hereby approved on September 14, 1965.

Cancelled February 13, 1973, as to any property or wells acquired, started, or drilled by the principal after that date. However, it should be noted subject bond will remain in effect as to any property or wells acquired, started, or drilled by the principal prior to February 13, 1973.

*Cancelled: 11-14-77 Bond # SY 320057*

and MINERALS DEPARTMENT

vation Division  
)  
aw Mexico 88211-7529

Fold at line over top of envelope to the  
right of the return address

**CERTIFIED**

Z 212 312 923

**MAIL**

Mercury Production Co.  
Rigelea Bnk Bldg, Suite 1212  
Fort Worth, TX 76116

UNDELIVERED  
FORWARDING UNDERWRITTEN

FWD. ODD

RETURN TO SENDER 0001 03/22/95  
THIS BARCODE IS FOR  
THE RETURN ADDRESS  
RETURN ZIP/BARCODE  
88211-0000



PS Form 3800, March 1993

Sent to	
Mercury Production Co.	
Street and No	
Rigelea Bank Bldg Suite 1212	
P.O., State and ZIP Code	
Ft. Worth, TX 76116	
Postage	\$ .32
Certified Fee	
Special Delivery Fee	2.20
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom; Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	March 22, 1995

  
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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-110  
Effective 1-1-65

DEC 21 1965

O. C. C.  
ARTESIA, OFFICE

I. **Operator**  
Mercury Production Company  
Address  
1522 Fort Worth National Bank Building, Fort Worth, Texas 76102  
Reason(s) for filing (Check proper box)  
New Well ☒ Change in Transporter of:  
Recompletion ☐ Oil ☐ Dry Gas ☐  
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐  
Other (Please explain)

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Well Name Constate	Well No. 1	Pool Name, Including Formation Grayburg-Jackson (Queen-Gbr-SA)	Kind of Lease State, Federal or Fee	State
Location Unit Letter D, 660 Feet From The North Line and 660 Feet From The West Line of Section 36, Township 16S, Range 31E, NMPM, Eddy 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"/> Continental Pipeline Company	Address (Give address to which approved copy of this form is to be sent) Artesia, New Mexico					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> None	Address (Give address to which approved copy of this form is to be sent) -					
If well produces oil or liquids, give location of tanks.	Unit D	Sec. 36	Twp. 16S	Rge. 31E	Is gas actually connected? No	When -

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

IV. 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'tv. <input type="checkbox"/>	Diff. Res'tv. <input type="checkbox"/>
Date Spudded September 21, 1965	Date Compl. Ready to Prod. October 14, 1965		Total Depth 3995'		P.B.T.D. 3992'			
Pool Grayburg-Jackson	Name of Producing Formation Queen-Grayburg-San Andres		Top Oil/Gas Pay 3339'		Tubing Depth 3960'			
Perforations 3339' to 3342' (3 holes), 3381-1/2' to 3383-1/2' (2 holes), 3684-1/2' to 3685-1/2' (2 holes), 3734' to 3737' (3 holes), 3777' to 3781-1/2' (5 holes), 3812' to 3814' (2 holes), 3834' to 3837' (3 holes), 3877' to 3954' HOLE SIZE (4 holes). CASING & TUBING SIZE		DEPTH SET 30'		SACKS CEMENT 3 yards ready mix				
15"		13-3/8" O.D.		3994'				
7-7/8"		4-1/2" O.D.		400 sacks - 300 sacks around shoe and 100 sacks spotted behind casing				
4"		2-3/8" O.D.		3960' (Tubing) at 1000'.				

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 top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks October 14, 1965	Date of Test November 11, 1965	Producing Method (Flow, pump, gas lift, etc.) Pump - 2" x 1-1/2" x 10' Cup and Ring Pump	
Length of Test 24 hours	Tubing Pressure --	Casing Pressure --	Choke Size --
Actual Prod. During Test	Oil-Bbls. 2.07	Water-Bbls. 5.00	Gas-MCF Nil

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure	Casing Pressure	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.

C.W. Stunkhoff  
(Signature)

Manager of Operations  
(Title)

December 18, 1965  
(Date)

OIL CONSERVATION COMMISSION

APPROVED DEC 21 1965

BY M.L. Armstrong  
TITLE OIL AND GAS INSPECTOR

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 deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

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

Separate Forms C-104 must be filed for each pool in multi-completed wells.

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OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105  
Revised 1-1-65

RECEIVED

5a. Indicate Type of Lease  
State ☒ Fee ☐  
5. State Oil & Gas Lease No.  
**E-5300**

1a. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐  
b. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐  
2. Name of Operator  
**Mercury Production Company**  
3. Address of Operator  
**1522 Fort Worth National Bank Building, Fort Worth, Texas 76102**  
4. Location of Well  
UNIT LETTER **D** LOCATED **660** FEET FROM THE **North** LINE AND **660** FEET FROM THE **West** LINE OF SEC. **36** TWP. **16S** RGE. **31E** NMPM  
5. Date Spudded **September 21, 1965** 16. Date T.D. Reached **October 3, 1965** 17. Date Compl. (Ready to Prod.) **October 14, 1965** 18. Elevations (DF, RKB, RT, GR, etc.) **4132' RKB** 19. Elev. Casinghead **4125'**  
20. Total Depth **3995'** 21. Plug Back T.D. **3992'** 22. If Multiple Compl., How Many **-** 23. Intervals Drilled By Rotary Tools **3995'** Cable Tools **-**  
24. Producing Interval(s), of this completion - Top, Bottom, Name  
**3339' - 3954' Penrose-Grayburg-San Andres** 25. Was Directional Survey Made **Yes (Totco)**  
26. Type Electric and Other Logs Run  
**Lane-Wells Gamma Ray - Acoustilog - Focused Log** 27. Was Well Cored **No**  
28. CASING RECORD (Report all strings set in well)  

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8" O.D.	-	30'	15"	3 yards ready mix cement	None
4-1/2" O.D.	9.5	3994'	7-7/8"	400 sacks - 300 sacks around shoe and 100 sacks spotted behind casing @ 1000'.	None

  
29. LINER RECORD  

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

  
30. TUBING RECORD  

SIZE	DEPTH SET	PACKER SET
2-3/8" O.D.	3960'	None

  
31. Perforation Record (Interval, size and number)  
**3339' - 42' (3-3/8" holes) 3950' - 54' (4-3/8" holes)**  
**3381' - 1/2' - 83' - 1/2' (2-3/8" holes)**  
**3684' - 1/2' - 85' - 1/2' (2-3/8" holes)**  
**3734' - 37' (3-3/8" holes)**  
**3777' - 81' - 1/2' (5-3/8" holes)**  
**3812' - 34' (7-3/8" holes)**  
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3339' - 42' & 3381' - 1/2' - 83' - 1/2'	Wtr. Frac-8085# sand
3684' - 1/2' - 85' - 1/2' & 3734' - 37'	Wtr. Frac-4700# sand
3777' - 81' - 1/2' & 3812' - 34'	Wtr. Frac-8544# sand
3950' - 54'	Wtr. Frac-2625# sand

  
33. PRODUCTION  
Date First Production **October 15, 1965** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pumping - 2" x 1-1/2" x 10' Cup and Ring Pump** Well Status (Prod. or Shut-in) **Prod.**  
Date of Test **Nov. 11, 1965** Hours Tested **24** Choke Size **-** Prod'n. For Test Period **2.07** Oil - Bbl. **Nil** Gas - MCF **5.00** Water - Bbl. **Nil** Gas - Oil Ratio **Nil**  
Flow Tubing Press. **-** Casing Pressure **-** Calculated 24-Hour Rate **2** Oil - Bbl. **Nil** Gas - MCF **5** Water - Bbl. **30** Oil Gravity - API (Corr.) **30**  
34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Vented** Test Witnessed By **Winton Northcott**  
35. List of Attachments  
**Lane-Wells Gamma Ray - Acoustilog - Focused Log**  
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.  
SIGNED C.W. Lumbhoffer TITLE Manager of Operations DATE December 18, 1965

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

**INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE**

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ <b>855'</b>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ <b>3094'</b>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ <b>3526'</b>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ <b>3638'</b>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

**FORMATION RECORD (Attach additional sheets if necessary)**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
No Sample Log	Run	-	See Attached logs				

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OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

SEP 30 1974

O. C. C.  
ARTESIA, OFFICE

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. <b>E-5300</b>

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name ---
2. Name of Operator <b>Mercury Production Company</b> ✓	8. Farm or Lease Name <b>Constate</b>
3. Address of Operator <b>Suite 1212 Ridglea Bank Bldg.; Fort Worth, Texas 76116</b>	9. Well No. <b>1</b>
4. Location of Well UNIT LETTER <b>D</b> , <b>660'</b> FEET FROM THE <b>North</b> LINE AND <b>660'</b> FEET FROM THE <b>West</b> LINE, SECTION <b>36</b> TOWNSHIP <b>16-S</b> RANGE <b>31-E</b> NMPM.	10. Field and Pool, or Wildcat <b>Grayburg-Jackson</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>4132 KB</b>	12. County <b>Eddy</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

This well was drilled as a producing location in a waterflood five-spot pattern which was being developed in the offsetting section. While the primary production from the well is not commercial, the electric logs indicate a good thickness of productive oil sands which should respond to waterflooding. It is therefore requested that this well be permitted to remain on a shut-in status until waterflood development reaches this area of the field.

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

SIGNED Frank Darden TITLE Agent DATE Sept. 17, 1974

APPROVED BY W. A. Gessett TITLE OIL AND GAS INSPECTOR DATE DEC 12 1974

CONDITIONS OF APPROVAL, IF ANY:

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OPERATOR	2

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

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SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator <b>Mercury Production Company</b> ✓	8. Farm or Lease Name <b>Constate</b>
3. Address of Operator <b>1522 Fort Worth National Bank Bldg., Fort Worth, Texas 76102</b>	9. Well No. <b>1</b>
4. Location of Well UNIT LETTER <b>D</b> <b>660</b> FEET FROM THE <b>North</b> LINE AND <b>660</b> FEET FROM THE <b>West</b> LINE, SECTION <b>36</b> TOWNSHIP <b>168</b> RANGE <b>31E</b> NMPM.	10. Field and Pool, or Wildcat <b>Grayburg-Jackson</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>4,132' RKB (7' above GR)</b>	12. County <b>Eddy</b>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

The Constate #1 was spudded on 9-21-65. 13-3/8" o.d. conductor pipe was set and cemented at 30' with ready-mix cement as per approved Form C-101 dated September 21, 1965. Total depth of 3995' was reached on October 3, 1965, and 4-1/2" O.D. casing was run and set at 3994'. The 4-1/2" O.D. casing was cemented with 400 sacks - 300 sacks around casing shoe and 100 sacks behind 4-1/2" O.D. pipe at 1000'. Casing was pressure tested and found to be holding.

The well was completed as follows: (1) Perforated 3339'-42" and 3381-1/2' - 83-1/2' and water frac with 8,085# sand, (2) Perforated 3684-1/2' - 85-1/2' and 3734' - 37' and water frac with 4,700# sand, (3) perforated 3777' - 81-1/2' and 3812'-34' and water frac with 8,544# sand, and (4) perforated 3950' - 54' and water frac with 2,625# sand.

After some mechanical difficulty, the well was potentialed on November 11, 1965, for 2 barrels of oil and 5 barrels of water.

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

SIGNED C. W. Stumhoffer TITLE Manager of Operations DATE December 18, 1965

APPROVED BY M. L. Armstrong TITLE Oil and Gas Inspector DATE DEC 22 1965

CONDITIONS OF APPROVAL, IF ANY:

MERCURY PRODUCTION COMPANY

FORT WORTH NATIONAL BANK BUILDING

FORT WORTH, TEXAS

ED 6-4753

FRANK DARDEN  
C. W. STUMHOFFER

December 20, 1965

RECEIVED

DEC 22 1965

O. C. C.  
ARTESIA, OFFICE

Mr. M. L. Armstrong  
Oil and Gas Inspector  
State of New Mexico  
Oil Conservation Commission  
Drawer DD  
Artesia, New Mexico

Re: Form C-103's for Frank Darden  
Mobil State #1, SE NW Section  
24-T18S-R28E and Mercury Pro-  
duction Company Constate #1,  
NW NW Section 36-T16S-R31E,  
all in Eddy County, New Mexico

Dear Mose:

Per our telephone conversation of December 20, we are  
enclosing completed Form C-103 for the subject wells.

Should there be any other matters that require our  
attention concerning these two wells, please contact us.

Very truly yours,

MERCURY PRODUCTION COMPANY

*C. W. Stumhoffer*

C. W. Stumhoffer

CWS:f  
Encls.

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## NEW MEXICO OIL CONSERVATION COMMISSION

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

SEP 20 1965

EXPIRES 12-19-65. O. C. C.  
ARTESIA, OFFICE

30-015-05017

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. E-5300
7. Unit Agreement Name -
8. Farm or Lease Name Constate
9. Well No. 1
10. Field and Pool, or Wildcat Grayburg-Jackson
12. County Eddy
19. Proposed Depth 4100'
19A. Formation San Andres
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4125' GL
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor WEK Drilling Co.
22. Approx. Date Work will start September 20, 1965

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	2. Name of Operator Mercury Production Company	3. Address of Operator 1522 Fort Worth National Bank Bldg., Fort Worth, Texas 76102	4. Location of Well UNIT LETTER D LOCATED 660' FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 36 TWP. 16S RGE. 31E NMPM	19. Proposed Depth 4100'	19A. Formation San Andres	20. Rotary or C.T. Rotary
--	---	--	---	-----------------------------	------------------------------	------------------------------

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
18"	13-3/8" O.D.	54.5#	30'	30	Circulate
7-7/8"	4-1/2" O.D.	9.5#	4100'	250	3250'

This well will be drilled approximately 200' into the San Andres or to a sufficient depth to test the Lovington sand.

One joint of 13-3/8" O.D. conductor pipe will be set at approximately 30' and cemented to surface. A 11" hole will be drilled to a depth of 350', and hole will then be reduced to 7-7/8" to total depth. After logging, a string of 4 1/2" O.D. casing will be set at total depth and cemented with 250 sacks of cement. A second stage of 25 sacks will be placed behind the 4 1/2" O.D. pipe at the top of the salt.

The Matex and Premier zones of the Grayburg and the Lovington zone of the San Andres will be perforated, and each zone will be fracture treated for production w/slick water and sand.

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.

Signed C. W. Stumhoff Title Manager of Operations Date September 16, 1965

(This space for State Use)

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE SEP 21 1965  
CONDITIONS OF APPROVAL, IF ANY: Notify this office prior to running the 4 1/2" casing, at which time the amount of cement to be used on the second stage will be determined.

2. If more than one lease is dedicated to the well, outline each and identify the ownership 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. (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

STATE OF NEW MEXICO  
**ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT**

GARY E. JOHNSON  
GOVERNOR

OIL CONSERVATION DIVISION  
ARTESIA DISTRICT OFFICE

JENNIFER SALISBURY  
CABINET SECRETARY

January 9, 1996

Mercury Production  
809 Ft Worth Nat. Bank Bldg.  
Ft. Worth, TX 76102

Re: Properly Abandoned Wells, Mercury Prod, Constate #1 D-36-16-31

Dear Sirs;

The State of New Mexico is in the process at this time of reviewing leases and determining the number of abandoned wells.

Rule 201 A. states the operator of any well drilled for oil, gas or injection, for seismic, core or other exploration, or for a service well, whether cased or uncased, shall be responsible for the plugging thereof.

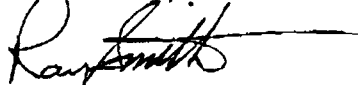
Rule 201 B. states a well shall be either properly plugged & abandoned or temporarily abandoned in accordance with these rules within 90 days after (1) a 60 day period following suspension of drilling. (2) a determination that the well is no longer usable for beneficial purposes. (3) a period of 1 year in which a well has been continuously inactive.

House Bill 65 has been passed by the legislature and provides some tax incentives for wells put back in production. However, if there are no plans to put this well back in service then it needs to be either plugged or properly temporarily abandoned.

Permission was granted in September 1974 to temporarily shut this well in until 10/01/75 pending possible waterflood.

Please submit a plan by February 1, 1996 to plug the well.

Yours Truly,



Ray Smith  
Deputy Oil & Gas Inspector

RS:br



**NEW 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 <i>Mercury Production Co</i>			Lease <i>Con State</i>		Well No. <i>1</i>
Unit Letter <i>D</i>	Section <i>36</i>	Township <i>16S</i>	Range <i>31E</i>	County <i>Eddy</i>	
Actual Footage Location of Well: <i>660</i> feet from the <i>North</i> line and <i>660</i> feet from the <i>West</i> line					
Ground Level Elev: <i>4125</i>	Producing Formation <i>GRAYBURG - SAN ANDRES</i>		Pool <i>GRAYBURG - JACKSON</i>		Dedicated Acreage: <i>40</i> Acres

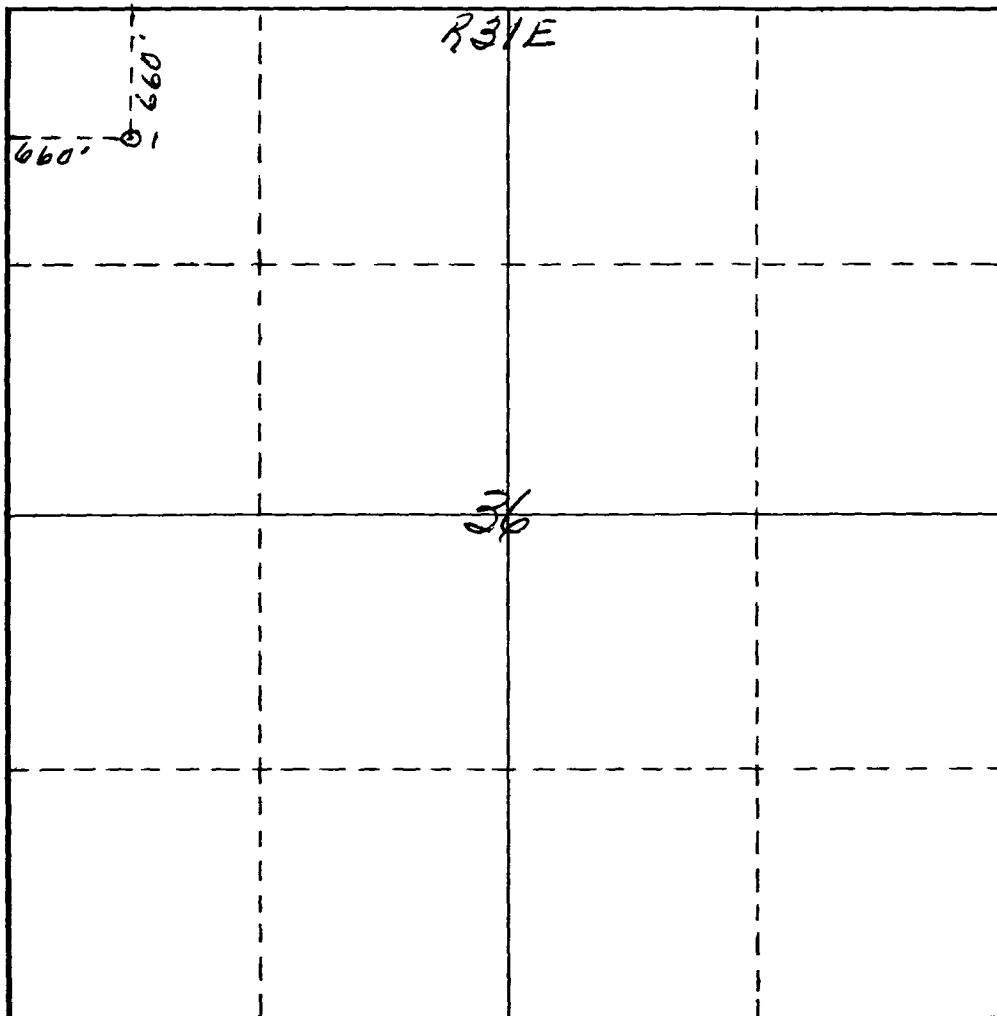
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

**RECEIVED**

☐ 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.) \_\_\_\_\_

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  
*C. W. Stumloff*

Position  
*MANAGER OF OPERATIONS*

Company  
*MERCURY PRODUCTION COMPANY*

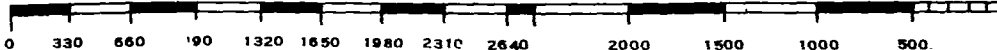
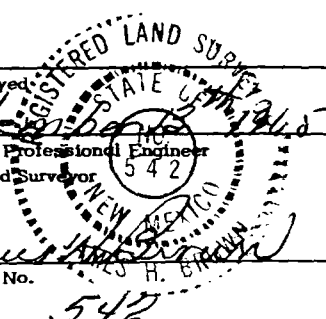
Date  
*SEPTEMBER 16, 1965*

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  
*September 16, 1965*

Registered Professional Engineer and/or Land Surveyor  
*542*

Certificate No. *542*



**ENERGY and MINERALS DEPARTMENT**

Oil Conservation Division  
811 S. First St.  
Artesia, NM 88210

Fold at line over top of envelope to the right of the return address

**CERTIFIED**

Z 212 312 930

**MAIL**

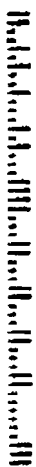
RETURN RECEIPT REQUESTED

Mercury Production  
809 Pt. Worth Nat. Bank Bldg.  
Pt. Worth TX 76102

*NOT 212*

*Order 305-104*

RETURN TO SENDER 01/23/96  
THIS BARCODE IS FOR  
RETURN ADDRESS  
88210-0000



STATE OF NEW MEXICO  
**ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT**

GARY E. JOHNSON  
GOVERNOR

OIL CONSERVATION DIVISION  
ARTESIA DISTRICT OFFICE

JENNIFER SALISBUR  
CABINET SECRETARY

April 18, 1996

Mercury Production  
1522 Ft Worth Nat'l Bank Bldg  
Ft. Worth, Texas 76102

Re: Properly Abandoned Well, Mercury Prod, Constate #1 D-36-16-31

Dear Sirs:

The state of New Mexico is in the process at this time of reviewing leases and determining the number of abandoned wells.

Rule 201 A. states the operator of any well drilled for oil, gas or injection, for seismic, core or other exploration, or for a service well, whether cased or uncased, shall be responsible for the plugging thereof.

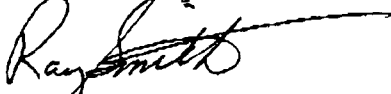
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House Bill 65 has been passed by the legislature and provides some tax incentives for wells put back in production. However, if there are no plans to put this well back in service then it needs to be either plugged or properly temporarily abandoned.

Permission was granted in September 1974 to temporarily shut this well in until 10/01/75 pending possible waterflood.

Please submit a plan by May 1, 1996 to plug this well.

Yours Truly,



Ray Smith  
Deputy Oil & Gas Inspector

RS:br

**ENERGY and MINERALS DEPARTMENT**

Oil Conservation Division  
Drawer DD  
Artesia, New Mexico 88211-7529

Fold at line over top of envelope to the  
right of the return address

**CERTIFIED**

Z 212 312 942

**MAIL**

RETURN RECEIPT REQUESTED

Mercury Production  
1522 Ft. Worth Nat'l Bank Bldg.  
Ft. Worth, TX

