

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY)
 THE OIL CONSERVATION DIVISION FOR THE)
 PURPOSE OF CONSIDERING:)
)
 APPLICATION OF THE OIL CONSERVATION)
 DIVISION FOR AN ORDER REQUIRING POLARIS)
 PRODUCTION CORPORATION TO PLUG 19 WELLS)
 IN LEA COUNTY, NEW MEXICO)

CASE NO. 11,812

RECEIVED

SEP 23 1997

Oil Conservation Division

OFFICIAL EXHIBIT FILE
(2 OF 6 - DIVISION EXHIBIT 1A, PART 2 - POLARIS WELL FILES)
EXAMINER HEARING

BEFORE: MICHAEL E. STOGNER, Hearing Examiner

August 21st, 1997

Santa Fe, New Mexico

This matter came on for hearing before the New Mexico Oil Conservation Division, MICHAEL E. STOGNER, Hearing Examiner, on Thursday, August 21st, 1997, at the New Mexico Energy, Minerals and Natural Resources Department, Porter Hall, 2040 South Pacheco, Santa Fe, New Mexico, Steven T. Brenner, Certified Court Reporter No. 7 for the State of New Mexico.

* * *

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

| |
|---|
| WELL API NO. 30-025-05214 |
| 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No. |
| 7. Lease Name or Unit Agreement Name DNWCU (Tract 7) |
| 8. Well No. 706 |
| 9. Pool name or Wildcat Denton Wolfcamp |
| 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3804 GR |

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. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER |
| 2. Name of Operator Stephens & Johnson Operating Co. |
| 3. Address of Operator P O Box 2249, Wichita Falls, TX 76307-2249 |
| 4. Well Location Unit Letter <u>D</u> : <u>660</u> Feet From The <u>north</u> Line and <u>330</u> Feet From The <u>west</u> Line Section <u>36</u> Township <u>14S</u> Range <u>37E</u> NMPM Lea County |

11. 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"/> | REMEDIAL WORK <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> |
| OTHER: _____ <input type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/> |
| | CASING TEST AND CEMENT JOB <input type="checkbox"/> |
| | OTHER: <u>Recomplete in Wolfcamp from Devonian</u> <input checked="" type="checkbox"/> |

12. 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.

4-1-97 RU Master Wireline Services. Set CIBP + 20' cement above Devonian perfs at 12,000'. Perforated Wolfcamp at 9192-9206', 9208-41', 9263-72', 9293-9302', 9304-08', 9316-20' & 9355-63' w/4 SPF. Ran RTTS packer w/2 7/8" tbg. Acidized 9192-9363' w/8000 gals 20% acid w/500# rock salt every 1000 gals acid. TOH w/packer, TIH w/tbg, rods and pump. POP.

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

SIGNATURE Bob Gilmore TITLE Petroleum Engineer DATE 5-23-97

TYPE OR PRINT NAME Bob Gilmore TELEPHONE NO. 817-723-216

(This space for State Use)

APPROVED BY Charlie Perrin TITLE OIL & GAS INSPECTOR DATE 8-1-97

CONDITIONS OF APPROVAL, IF ANY:

District I
 PO Box 1900, Hobbs, NM 88241-1900
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

Form C-102
 Revised February 10, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|----------------------------|---|--------------------|------------------------------|
| API Number 30-025-05214 | | Pool Code 17290 | Pool Name Denton Wolfcamp |
| Property Code 009782 | Property Name Denton North Wolfcamp (Tract 7) | | Well Number 706 |
| OGRID No. 019958 | Operator Name Stephens & Johnson Operating Co. | | Elevation 3816' |

10 Surface Location

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 36 | 14S | 37E | | 660 | North | 330 | West | Lea |

11 Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | | | |
|---------------------------|--------------------|-----------------------|--------------|
| 12 Dedication Acres 40 | 13 Joint or Infill | 14 Consolidation Code | 15 Order No. |
|---------------------------|--------------------|-----------------------|--------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | | | |
|---|---|--|--|
| 16 | 17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> | | |
| | | | |
| | Signature <u>Peyton S. Carnes, Jr.</u> Printed Name Petroleum Engineer Title <u>6-10-97</u> Date | | |
| 18 SURVEYOR CERTIFICATION <i>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 belief.</i> | | | |
| Date of Survey Signature and Seal of Professional Surveyer: | | | |
| Certificate Number | | | |

Submit to Appropriate District Office
 State Leases - 6 copies
 Fee Leases - 5 copies
DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-105
 Revised 1-1-89

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

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
 30-025-05214

5. Indicate Type of Lease
 STATE FEE

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
 OIL WELL GAS WELL DRY OTHER _____

1b. Type of Completion:
 NEW WELL WORK OVER DRIFTER FLUG BACK DIFF RESERV OTHER _____

2. Name of Operator
 Stephens & Johnson Operating Co.

3. Address of Operator
 P O Box 2249

4. Well Location
 Unit Letter D : 660 Feet From The North Line and 330 Feet From The West Line
 Section 36 Township 14S Range 37E NMPM Lea County

7. Lease Name or Unit Agreement Name
 8910087370
 Denton North Wolfcamp
 Tract 7 Unit

8. Well No.
706

9. Pool name or Wildcat
 Denton Wolfcamp

10. Date Spudded 9-1-53 11. Date T.D. Reached 12-6-53 12. Date Compl. (Ready to Prod.) 12-15-53 13. Elevations (DF& RKB, RT, GR, etc.) 3816' 14. Elev. Casinghead 3804'

15. Total Depth 12643' 16. Plug Back T.D. 12208' 17. If Multiple Compl. How Many Zones? NA 18. Intervals Drilled By Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 9192'-9363' Wolfcamp 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run None 22. Was Well Cored

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 13 3/8" | 48 | 300' | 17 1/2" | 350 sx | |
| 9 5/8" | 36-40 | 4770' | 11" | 2063 sx | |
| 7 | 23-35 | 12414' | 8 3/4" | 600 sx | |

| 24. LINER RECORD | | | | 25. TUBING RECORD | | | |
|------------------|-----|--------|--------------|-------------------|------|-----------|------------|
| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET |
| | | | | | | | |

26. Perforation record (interval, size, and number)
 9192'-9206', 9208-9241', 9263-9272', 9293'-9302', 9304-9308', 9316-9320' & 9355-9363'

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
 DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
 9192'-9363' 8000 gals 20% acid w/500# rock salt every 1000 gals.

28. PRODUCTION

Date First Production 4-1-97 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Producing

| | | | | | | | |
|-----------------------|--------------------|-------------------------|------------------------|-----------------|------------------|----------------------------------|----------------------|
| Date of Test 4-1-97 | Hours Tested 24 | Choke Size — | Prod'n For Test Period | Oil - Bbl. 17.0 | Gas - MCF 30.0 | Water - Bbl. 300 | Gas - Oil Ratio 1764 |
| Flow Tubing Press. 40 | Casing Pressure 40 | Calculated 24-Hour Rate | Oil - Bbl. 17.0 | Gas - MCF 30.0 | Water - Bbl. 300 | Oil Gravity - API - (Corr.) 39.5 | |

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Test Witnessed By Pumper

30. List Attachments None

31. 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

Signature Bob Gilmore Printed Bob Gilmore Title Petroleum Eng. Date 5-27-97

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 25 through 29 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 _____ | 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 _____ | T. Silurian _____ | T. Point Lookout _____ | T. Elbert _____ |
| T. Grayburg _____ | T. Montoya _____ | T. Mancos _____ | T. McCracken _____ |
| T. San Andres _____ | T. Simpson _____ | T. Gallup _____ | T. Ignacio Otzie _____ |
| T. Glorieta _____ | T. McKee _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock _____ | T. Ellenburger _____ | T. Dakota _____ | T. _____ |
| T. Blinbry _____ | T. Gr. Wash _____ | T. Morrison _____ | T. _____ |
| T. Tubb _____ | T. Delaware Sand _____ | T. Todilto _____ | T. _____ |
| T. Drinkard _____ | T. Bone Springs _____ | T. Entrada _____ | T. _____ |
| T. Abo _____ | T. _____ | T. Wingate _____ | T. _____ |
| T. Wolfcamp _____ | T. _____ | T. Chinle _____ | T. _____ |
| T. Penn _____ | T. _____ | T. Permian _____ | T. _____ |
| T. Cisco (Bough C) _____ | T. _____ | T. Penn "A" _____ | T. _____ |

OIL OR GAS SANDS OR ZONES

- No. 1, from.....to..... No. 3, from.....to.....
 No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

- No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness in Feet | Lithology | From | To | Thickness in Feet | Lithology |
|------|----|-------------------|-----------|------|----|-------------------|-----------|
| | | | | | | | |

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

| | | |
|---|--|------------------------------|
| Operator Name and Address: Stephens & Johnson Operating Co. P O Box 2249 Wichita Falls, Texas 76307-2249 | | ' OGRID Number 019958 |
| | | ' API Number 30-025-05214 |
| ' Property Code 009782 | ' Property Name Denton North Wolfcamp Tract Unit | ' Well No. 8-706 |

' Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 36 | 14S | 37E | | 660 | North | 330 | West | Lea |

' Proposed Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | |
|--------------------------------------|-------------------|
| ' Proposed Pool 1 Denton Wolfcamp | ' Proposed Pool 2 |
|--------------------------------------|-------------------|

| | | | | |
|-----------------------|---------------------------|-------------------------|------------------------|-----------------------------------|
| " Work Type Code P | " Well Type Code 0 | " Cable/ Rotary | " Lease Type Code P | " Ground Level Elevation 3816' |
| " Multiple No | " Proposed Depth 12643 | " Formation Wolfcamp | " Contractor | " Spud Date 9-1-53 |

2' Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17 1/2" | 13 3/8" | 48 PPF | 300' | 350 | |
| 11 | 9 5/8" | 36-40 PPF | 4770' | 2063 | |
| 8 3/4" | 7 | 23-35 PPF | 12414 | 600' | |
| | | | | | |

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary. *should be 35*
MIRU Wireline Truck. Set CIBP @ 12000' w/20' cement on top above the Devonian perforations 12114-12643'. Perforate the Wolfcamp @ 9192-9206', 9208-9241', 9263-9272', 9304-9308', 9316-9320', 9355-9363'. Acidize Wolfcamp perms w/8000 gals. acid swab and POP. Test well for production.

Note: Verbal approval given by Mr. Saxon (date unknown)

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

Signature: *Bob Gilmore*
Printed name: Bob Gilmore

Title: Petroleum Engineer

Date: _____ Phone: (817) 723-2166

OIL CONSERVATION DIVISION

Approved by: *Chris Williams*

Title: ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Approval Date: JUN 09 1997 Expiration Date:

Conditions of Approval:
Attached

0293-9302

District I
 PO Box 1900, Hobbs, NM 88241-1900
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Bravo Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department

Form C-104
 Revised February 10, 1994
 Instructions on back
 Submit to Appropriate District Office
 5 Copies

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

| | | |
|---|---|---|
| Operator name and Address Stephens & Johnson Operating Co. P O Box 2249 Wichita Falls, TX 76307-2249 | | OGRID Number 019958 |
| | | Reason for Filing Code 3/24/97 CB/RC/Well name change |
| AFF Number 30-025-05214 | Pool Name Denton Wolfcamp | Pool Code 17290 |
| Property Code 009782 | Property Name Denton North Wolfcamp Unit - Tract T | Well Number 706 |

II. Surface Location

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 36 | 14 | 37 | | 660 | north | 330 | west | Lea |

Bottom Hole Location

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| Lee Code | Producing Method Code | Gas Connection Date | C-129 Permit Number | C-129 Effective Date | C-129 Expiration Date |
|----------|-----------------------|---------------------|---------------------|----------------------|-----------------------|
| P | P | --- | NA | NA | NA |

III. Oil and Gas Transporters

| Transporter OGRID | Transporter Name and Address | POD | O/G | POD ULSTR Location and Description |
|-------------------|--|---------|-----|------------------------------------|
| 7440 | EOTT Energy Operating LTD PTSP 1330 Post Oak Blvd, Ste 2700 Houston, TX 77210-4666 | 2229410 | O | J-26-14S-37E Main Tank Battery |
| 11447 | J L Davis Gas Company 211 North Colorado Midland, TX 79701 | 2229430 | G | J-26-14S-37E |
| | | | | |
| | | | | |

IV. Produced Water

| POD | POD ULSTR Location and Description |
|---------|------------------------------------|
| 2229450 | |

V. Well Completion Data

| Spud Date | Ready Date | TD | PBTD | Perforations |
|-----------|----------------------|-----------|--------------|---------------|
| 9-1-53 | 12-15-53 | 12643 | 12208 | 9192' - 9363' |
| Hole Size | Casing & Tubing Size | Depth Set | Sacks Cement | |
| 17 1/2 | 13 3/8", 48# | 300' | 350 SX | |
| 11 | 9 5/8", 36-40# | 4770' | 2063 SX | |
| 8 3/4 | 7", 23-35# | 12414' | 600 SX | |

VI. Well Test Data

| Date New Oil | Gas Delivery Date | Test Date | Test Length | Tbg. Pressure | Cog. Pressure |
|--------------|-------------------|-----------|-------------|---------------|----------------|
| 4/1/97 | 4-1-97 | 4-10-97 | 24 Hrs. | 40 | 40 |
| Choke Size | Oil | Water | Gas | AOF | Test Method |
| --- | 17.0 | 300.00 | 30.0 | --- | P Tank Battery |

| | |
|--|---|
| I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Bob Gilmore</i> Printed name: Bob Gilmore Title: Petroleum Engineer Date: 5-23-97 Phone: 817-723-2166 | OIL CONSERVATION DIVISION Approved by: <i>Chris Williams</i> Title: DISTRICT 1 SUPERVISOR Approval Date: JUN 09 1997 |
| | |
| | |
| | |

| | |
|--|---|
| If this is a change of operator fill in the OGRID number and name of the previous operator <i>Davis Payne</i> Previous Operator Signature Polaris Production Corp. OGRID #017909 | Davis Payne Printed Name President Title 5-30-97 Date |
|--|---|

FD-203 (Rev. 10-20-80), OCS-203, N.M. 87504-2088
 District II
 PO Drawer DD, Artesia, NM 88211-8719
 District III
 1688 Rio Bravo Rd., Alamo, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

PROPERTY, STATE OF NEW MEXICO Department

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

Revised February 10, 1994
 Instructions on back
 Submit to Appropriate District Office
 5 Copies

OIL CONSERVATION DIVISION
 RECEIVED
 JUN 8 5 22 AM '95
 AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

| | | |
|---|------------------------------|-----------------------|
| Operator name and Address Polaris Production Corp. P. O. Box 1749 Midland, TX 79702-1749 | | OGRID Number 17909 |
| Reason for Filing Code RC | | |
| API Number 30-025-05214 | Pool Name Denton Devonian | Pool Code 16910 |
| Property Code 9355 | Property Name T. D. Pope | Well Number 6 |

II. ¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Ids | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 36 | 14S | 37E | | 660 | North | 330 | West | Lea |

¹¹ Bottom Hole Location

| UL or lot no. | Section | Township | Range | Lot Ids | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 36 | 14S | 37E | | 660 | North | 330 | West | Lea |

| | | | | | |
|---------------|----------------------------------|--------------------------------|---------------------|----------------------|-----------------------|
| Lee Code P | Producing Method Code Pumping | Gas Connection Date Unknown | C-129 Permit Number | C-129 Effective Date | C-129 Expiration Date |
|---------------|----------------------------------|--------------------------------|---------------------|----------------------|-----------------------|

III. Oil and Gas Transporters

| Transporter OGRID | Transporter Name and Address | POD | OIG | POD ULSTR Location and Description |
|-------------------|---|---------|-----|------------------------------------|
| 138648 | Amoco PL Intercorp. Trucking 502 North West Ave. Lovelland, TX 79336-3914 | 2176910 | 0 | D-36-14s-37e |
| 11447 | J. L. Davis 211 No. Colorado Midland, TX 79701 | 2176930 | G | D-36-14s-37e |

IV. Produced Water

| | |
|----------------|--|
| POD 2176950 | POD ULSTR Location and Description D-36-14s-37e |
|----------------|--|

V. Well Completion Data

| Spud Date | Ready Date | TD | PSTD | Perforations |
|-----------|----------------------|-----------|--------------|---------------|
| 6-12-95 | 6-20-95 | 12,643 | 12,200 | 12,105-12,179 |
| Hole Size | Casing & Tubing Size | Depth Set | Seals Cement | |
| 8 3/4 | 7" and 2 7/8" | 12,414 | 600 | |

VI. Well Test Data

| Date New Oil | Gas Delivery Date | Test Date | Test Length | Thg. Pressure | Gas Pressure |
|--------------|-------------------|-----------|-------------|---------------|--------------|
| 6-16-95 | -- | 6-17-95 | 12 hrs. | | Zero |
| Choke Size | Oil | Water | Gas | AOP | Test Method |
| NA | 40 | 200 | est 10 Mcf | | Swab |

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

Signature: *Davis Payne*
 Printed name: Davis Payne
 Title: President
 Date: 6-20-95
 Phone: 915/684-8248

OIL CONSERVATION DIVISION
 Approved by: *[Signature]*
 Title: Geologist
 Approval Date: JUN 21 1995

* If this is a change of operator fill in the OGRID number and name of the previous operator

| | | | |
|-----------------------------|--------------|-------|------|
| Previous Operator Signature | Printed Name | Title | Date |
|-----------------------------|--------------|-------|------|

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

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

RECEIVED
JUN 11 1995
AM 8 52

| |
|---|
| WELL API NO. 30-025-05214 |
| 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No. |
| 7. Lease Name or Unit Agreement Name T. D. Pope |
| 8. Well No. 6 |
| 9. Pool name or Wildcat Denton Devonian |

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. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER |
| 2. Name of Operator Polaris Production Corp. |
| 3. Address of Operator P. O. Box 1749, Midland, TX 79702-1749 |
| 4. Well Location Unit Letter <u>D</u> : <u>660</u> Feet From The <u>North</u> Line and <u>330</u> Feet From The <u>West</u> Line Section <u>36</u> Township <u>14-South</u> Range <u>37-East</u> NMPM Lea County |

| |
|---|
| 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3804 GL |
|---|

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | SUBSEQUENT REPORT OF: |
|---|---|
| PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> |
| OTHER: <input type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/> |
| | CASING TEST AND CEMENT JOB <input type="checkbox"/> |
| | OTHER: <input type="checkbox"/> |

12. 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.

- Squeeze existing perms. and OH from 12,224 to 12,643 with 4,000 gals. HOWCO Injectrol and 100 sx cement below retainer set @ 12,200.
- Perf. 7" csg opposite Devonian from 12,105 to 12,179 w/ 39 jet shots.
- Swab, test, and acidize as necessary to test new perms.

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

SIGNATURE [Signature] TITLE President DATE June 8, 1995
 TYPE OR PRINT NAME Davis Payne TELEPHONE NO. 915/684-8

(This space for State Use)

APPROVED BY Gary W. Wink TITLE GARY W. WINK FIELD REPRESENTATIVE II DATE JUN 12 1995

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

| | | |
|---|--|------------------------------|
| '95 JUN 19 AM 6:02 Operator Name and Address Polaris Production Corp. P. O. Box 1749 Midland, Texas 79702 | | OGRID Number 177969 |
| AFT Number 30-0 25-05214 | | Pool Name Danton Devonian |
| Property Code 13256 | | Pool Code 16910 |
| Property Name T. D. Pope | | Well Number 6 |

II. Surface Location

| UL or lot no. | Section | Township | Range | Lot/Id | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---------------|---------|----------|-------|--------|---------------|------------------|---------------|----------------|--------|
| D | 36 | 14S | 37E | | 660 | North | 330 | West | Lea |

Bottom Hole Location (Same as above)

| UL or lot no. | Section | Township | Range | Lot/Id | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---------------|---------|----------|-------|--------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | | | | | |
|----------|-----------------------|---------------------|---------------------|----------------------|-----------------------|
| Lea Code | Producing Method Code | Gas Contention Date | C-129 Permit Number | C-129 Effective Date | C-129 Expiration Date |
| | | | | | |

III. Oil and Gas Transporters

| Transporter OGRID | Transporter Name and Address | POD | Orid | POD UL/STR Location and Description |
|-------------------|------------------------------|-----|------|-------------------------------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

RECEIVED MAY 1 1994

IV. Produced Water

| | |
|-----|-------------------------------------|
| POD | POD UL/STR Location and Description |
| | |

V. Well Completion Data

| Spud Date | Ready Date | TD | PSTB | Perforations |
|-----------|------------|----|------|--------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

VI. Well Test Data

| Date New Oil | Gas Delivery Date | Test Date | Test Length | Top. Pressure | Cap. Pressure |
|--------------|-------------------|-----------|-------------|---------------|---------------|
| | | | | | |
| | | | | | |

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

Signature: *Davis Payne*

Printed name: **Davis Payne**
 Title: **President**
 Date: **5-4-94** Phone: **915/684-8248**

OIL CONSERVATION DIVISION
 Approved by: *Gary W. Wink*
 Title: **GARY W. WINK**
 Approval Date: **JUN 15 1994**
 FIELD REPRESENTATIVE II

James E. Orseth **V. P. Operations** **5/2/94**
 Previous Operator Signature Printed Name Title Date
Collins & Ware, Inc. OGRID #004874

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

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OIL CONSERVATION DIVISION

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

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

API NO. (assigned by OCD on New Wells)
 7-127-05214
 5. Indicate Type of Lease
 STATE FEE
 6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:
 DRILL RE-ENTER DEEPEN Horizontal PLUG BACK

b. Type of Well:
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
 Collins & Ware, Inc.

3. Address of Operator
 303 W. Wall, Ste. 2200, Midland, TX 79701

4. Well Location
 Unit Letter D : 660 Feet From The North Line and 330 Feet From The West Line
 Section 36 Township 14S Range 37E NMPM Lea County

7. Lease Name or Unit Agreement Name
 TD. Pope

8. Well No.
6

9. Pool name or Wildcat
 Denton Devonian

10. Proposed Depth
12750

11. Formation
Devonian

12. Rotary or C.T.
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)
3815 DF

14. Kind & Status Plug. Bond
Blanket bond

15. Drilling Contractor
pending

16. Approx. Date Work will start upon approval

17. PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 17 1/2" | 13 3/8" | 48 | 303 | 350: circ/surf | |
| 11 | 9 5/8 | 36-40 | 4771 | 2063 | |
| 8 3/4 | 7 | 35 | 12414 | 600 | |

PROPOSED HORIZONTAL DRILLING PLAN

Build location and reserve pit. MI well service unit and equipment package. Squeeze perfs: Mill 50' section: 12107-12157'. Set cement plug: 11900-12175'. Dress cement plug to 12037! Build 90.0 degree: 12037-12099'. Squeeze curve Injectrol G. Drill lateral @ 90.0 degrees: 12099- 12750.

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 Max Guerry TITLE Regulatory Mgr. DATE 9-7-93

TYPE OR PRINT NAME _____ TELEPHONE NO. _____

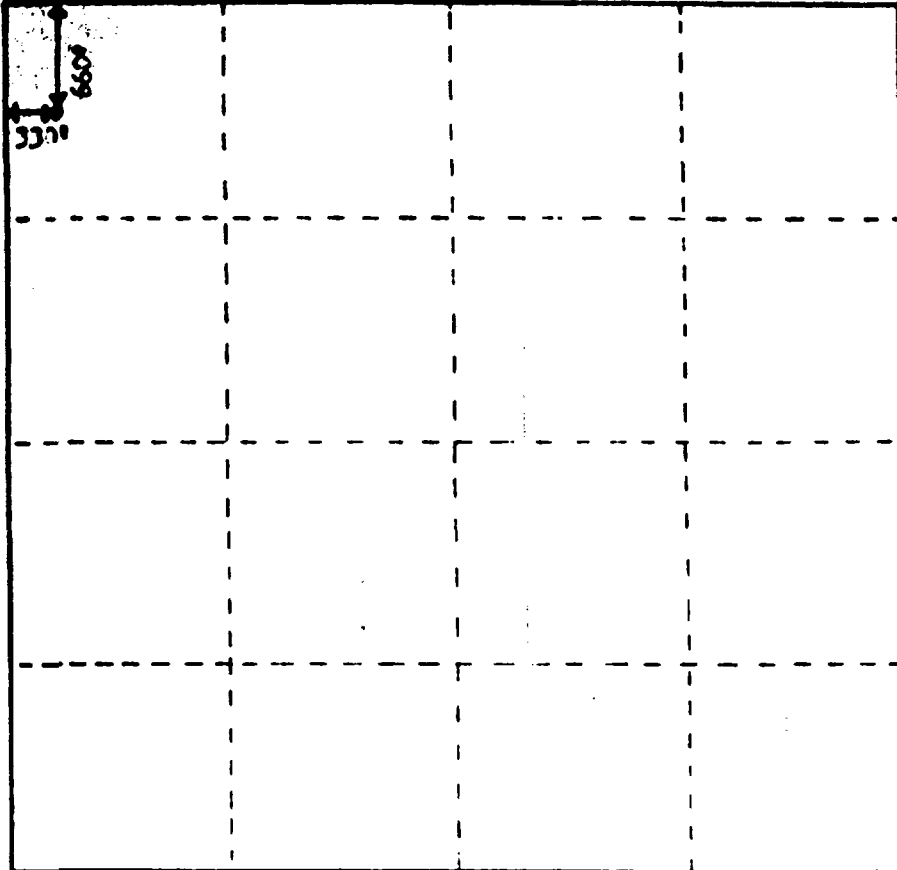
(This space for State Use)

APPROVED BY [Signature] TITLE DISTRICT 1 SUPERVISOR DATE SEP 29 1993

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION SURVEY PLAT.

COMPANY Sinclair Oil & Gas Company
LEASE T. D. Pope
WELL NO. 6

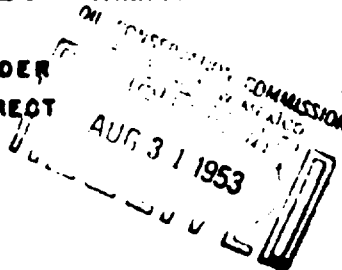


SEC. 36 TWP. 14 S. RGE. 37 E. N.M.P.M.

I CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECTION, AND THAT THE PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE.

Alvin Shelby

NEW MEXICO LICENSE NO. -23



2H

I declare that I am authorized to make this report, that this report was prepared by me or under my supervision and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Max Guerry
Max Guerry
Regulatory Manager

Submit 5 Copies
 Appropriate District Office
 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

State of New Mexico
 Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-104
 Revised 1-1-89
 See Instructions
 at Bottom of Page

OIL CONSERVATION DIVISION
 RECEIVED

SEP 10 1993 AM 10 38

REQUEST FOR ALLOWABLE AND AUTHORIZATION
 TO TRANSPORT OIL AND NATURAL GAS

I.

| | |
|---|---|
| Operator Collins & Ware, Inc. | Well API No. 50-225-215-211 |
| Address 303 W. Wall, Ste. 2200, Midland, TX 79701 | |
| Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain) | |
| New Well <input type="checkbox"/> | Change in Transporter of: |
| Recompletion <input type="checkbox"/> | Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> |
| Change in Operator <input checked="" type="checkbox"/> | Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> |
| If change of operator give name and address of previous operator Polaris Production Co., POB 1749, Midland, TX 79702 | |

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|--|---------------|---|--|-----------|
| Lease Name T.D. Pope | Well No. 6 | Pool Name, including Formation Denton Devonian | Kind of Lease State, Federal or Fee | Lease No. |
| Location Unit Letter <u>D</u> : <u>660</u> Feet From The <u>North</u> Line and <u>330</u> Feet From The <u>West</u> Line Section <u>36</u> Township <u>14S</u> Range <u>37E</u> , NMPM, Lea 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"/> Amoco PL Co. | Address (Give address to which approved copy of this form is to be sent) 210 Main, Ste. 500, Ft. Worth, Tx 76102 |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> J.L. Davis | Address (Give address to which approved copy of this form is to be sent) 211 N. Colorado, Midland, TX 79701 |
| If well produces oil or liquids, give location of tanks. | Unit Sec. Twp. Rge. Is gas actually connected? When ? unknown |

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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v | Diff Res'v |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | |
| Perforations | | | | | | Depth Casing Shoe | | |
| TUBING, CASING AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | | SACKS CEMENT | | |
| | | | | | | | | |
| | | | | | | | | |

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 Tank | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil - Bbls. | Water - Bbls. | Gas - MCF |

GAS WELL

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

Signature Max Guerry Regulatory Mgr.
 Printed Name 9=7=93 915-687-3435 Title
 Date 9=7=93 Telephone No.

OIL CONSERVATION DIVISION

Date Approved SEP 10 1993
 By [Signature]
 Title Geologist

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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

**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 1-1-85

MAY 23 1987

I. Operator
Polaris Production Corp.
Address
P. O. Box 1749, Midland, Texas 79702

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: Arco Oil and Gas Company, P. O. Box 1710, Hobbs, New Mexico 88240

II. DESCRIPTION OF WELL AND LEASE

| | | | | | |
|---|---------------|---|--|-----|-----------|
| Lease Name T. D. Pope | Well No. 6 | Pool Name, including Formation Denton Devonian | Kind of Lease State, Federal or Fee | Fee | Lease No. |
| Location Unit Letter <u>D</u> ; <u>660</u> Feet From The <u>North</u> Line and <u>330</u> Feet From The <u>West</u> Line of Section <u>36</u> Township <u>14S</u> Range <u>37 E</u> , NMPM, <u>Lea</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"/> Amoco Pipeline Co. | Address (Give address to which approved copy of this form is to be sent) 201 Main, Suite 500, Ft. Worth, Tx 76102 |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> J. L. Davis | Address (Give address to which approved copy of this form is to be sent) 211 N. Colorado, Midland, Tx 79701 |
| If well produces oil or liquids, give location of tanks. Unit <u>M</u> Sec. <u>36</u> Twp. <u>14</u> Rge. <u>37</u> | Is gas actually connected? <u>Yes</u> When <u>Unknown</u> |

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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded | Date Compl. Ready to Prod. | Total Depth | | | P.B.T.D. | | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | Top Oil/Gas Pay | | | Tubing Depth | | | |
| Perforations | | | | | | Depth Casing Shoe | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | SACKS CEMENT | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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 | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil - Bbls. | Water - Bbls. | Gas - MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test - MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, 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.

M. D. Payne
(Signature)
Agency Director
(Title)
5-1-87
(Date)

OIL CONSERVATION COMMISSION
APPROVED MAY 19 1987, 19____
BY [Signature]
TITLE Geologist

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 allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition. Form C-104 must be filed for each pool in multip

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|---|---|---|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | | NOTICE OF INTENTION TO ACIDIZE | X | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | X | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico
(Place)

February 4, 1961
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Sinclair Oil & Gas Co. (Company or Operator) T.D. Pope Well No. 6 in D (Unit)
NW 1/4 NW 1/4 of Sec. 36, T. 14S, R. 37E NMPM., Denton Devonian Pool
(40-acre subdivision) Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

PROPOSE TO: Treat open hole section (Devonian Formation) from 12,414' to 12,643' with 5000 gals Acid Petrofrac. Then perforate additional Devonian Zone 12216-46 & 12326-90 and treat with 5000 gals Acid Petrofrac.

Approved....., 19.....
Except as follows:

Sinclair Oil & Gas Company
Company or Operator

By *ER Wood*

Position Asst Dist Supt
Send Communications regarding well to:

Name E.R. Wood

Address 520 E Broadway, Hobbs, N.M.

Approved
OIL CONSERVATION COMMISSION
[Signature]
Title

Orig&2cc: OCC; cc:HFD, JM, File

WRS COMPLETION REPORT

COMPLETIONS SEC 36 TWP 14S RGE 37E
PI# 30-T-0017 08/04/95 30-025-05214-0002 PAGE 1

NMEX LEA * 660FNL 330FWL NWNW NW NW
STATE COUNTY FOOTAGE SPOT

POLARIS PROD D X DO
OPERATOR WELL CLASS INIT FIN

6 POPE TD

WELL NO. LEASE NAME:
3815DF DENTON
OPER ELEV FIELD/POOL/AREA
API 30-025-05214-0002

LEASE NO. PERMIT OR WELL I.D. NO.
06/12/1995 06/16/1995 ROTARY VERT OIL-WO
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS

12750 DEVONIAN NOT RPTD
PROJ. DEPTH PROJ. FORM CONTRACTOR
DTD 12643 PB 12200 OTD 12643 FM/TD DEVONIAN
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

LOCATION DESCRIPTION

4 MI SE PRAIRIEVIEW, NM

WELL IDENTIFICATION/CHANGES

OPERATOR CHGD FROM COLLINS & WARE

INITIAL POTENTIAL

IPS 80BOPD 20 MCFD 400BW 12105-12179 24HRS
DEVONIAN PERF
PERF 12105-12179
GTY NR
GOR: NOT RPTD

PRODUCTION TEST DATA

DEVONIAN COMB 12224-12643
PERF 12224-12400
OPEN 12414-12643
BRPG @12200 12224-12643

DRILLING PROGRESS DETAILS

POLARIS PROD
BOX 1749
MIDLAND, TX 79702
915-684-8248

CONTINUED IC# 300257052893



COMPLETIONS SEC 36 TWP 14S RGE 37E
PI# 30-T-0017 08/04/95 30-025-05214-0002 PAGE 2

POLARIS PROD D X DO
6 POPE TD

DRILLING PROGRESS DETAILS

OWWO: OLD INFO: FORMERLY SINCLAIR O&G 6 POPE
TD. ELEV 3815 DF. SPUD 2/6/61. 13 3/8 @ 303
W/350 SX, 9 5/8 @ 4471 W/2063 SX, 7 @ 12414
W/600 SX. OTD 12643. COMP 2/16/61. IPP 165 BOPD.
PROD ZONE: DEVONIAN 12224-12643 (PERFS &
OPENHOLE).

10/04 LOC/1993/
07/31 12643 TD, PB 12200
COMP 6/16/95, IPS 80 BO, 20 MCFGPD, 400
BWPD, GTY NR, GOR NR
PROD ZONE - DEVONIAN 12105-12179

NEW MEXICO OIL CONSERVATION COMMISSION

Sinclair Oil & Gas Co.

6

T. D. Pope

36-14S-37E

| | | | | | | | |
|---------------|--------------------------------------|----------|----------|---------|------------------|-------------|---------------|
| Company | | Well No. | | Lease | | S-T-R | |
| Location | 660 | fr. N L | 330 | fr. W L | County | Lea | |
| Spud | 9-1-53 | Comp. | 12-15-53 | Field | Denton | | |
| Total Depth | 12643 | P. B. | | Top Pay | 12414 | CSG. RECORD | |
| L. P. F. | 1319' | BOPD | | per day | 13-3/8 | 303 | 350 |
| Remarks: | 3/4" choke, tubing 300', casing 200' | | | | 9-5/8 | 4471 | 2063 |
| | GOR 875, Gr 44.5 | | | | 7 | 12414 | 600 |
| | | | | | 2 | Tbg. @ | 12630 |
| | | | | | FORMATION RECORD | | |
| | | | | | Elev. | 3815' | T Perm 9742 |
| | | | | | TY | 3134 | T Misall 1275 |
| | | | | | TSA | 4644 | T W 11988 |
| | | | | | BX | | T Dev 12103 |
| | | | | | TGlo | 6160' | T |
| Shot or Acid: | Natural | | | | TCF | 6770' | T |
| | | | | | TU | 7293' | T |
| | | | | | TAbc | 8000' | T |
| | | | | | TMC | 9245' | TGr. |

**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 1-1-85

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

I. Operator

Operator: Polaris Production Corp.

Address: P. O. Box 1749, Midland, Texas 79702

Reason(s) for filing (Check proper box)

| | | | | |
|---------------------|-------------------------------------|---------------------------|--------------------------|------------------------|
| New Well | <input type="checkbox"/> | Change in Transporter of: | | Other (Please explain) |
| Recompletion | <input type="checkbox"/> | Oil | <input type="checkbox"/> | Dry Gas |
| Change in Ownership | <input checked="" type="checkbox"/> | Casinghead Gas | <input type="checkbox"/> | Condensate |

If change of ownership give name and address of previous owner: Arco Oil & Gas Company, P. O. Box 1710, Hobbs, New Mexico 88240

II. DESCRIPTION OF WELL AND LEASE

| | | | | | |
|---|----------------------|--|--|-----|-----------|
| Lease Name <u>T. D. Pope</u> | Well No. <u>9</u> | Pool Name, including Formation <u>Denton Devonian</u> | Kind of Lease State, Federal or Fee | Fee | Lease No. |
| Location Unit Letter <u>C</u> ; <u>1650</u> Feet From The <u>West</u> Line and <u>660</u> Feet From The <u>North</u> | | | | | |
| Line of Section <u>36</u> Township <u>14S</u> Range <u>37E</u> , NMPM, <u>Lea</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) |
| <u>Amoco Pipeline Company</u> | <u>201 Main, Suite 500, Ft. Worth, Tx 76102</u> |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |
| <u>J. L. Davis</u> | <u>211 N. Colorado, Midland, Tx 79702</u> |
| If well produces oil or liquids, give location of tanks. | Unit Sec. Twp. Rge. Is gas actually connected? When |
| | <u>M</u> <u>36</u> <u>14</u> <u>37</u> <u>Yes</u> <u>Unknown</u> |

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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, CR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | |
| Perforations | | | | | | Depth Casing Shoe | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | | SACKS CEMENT | | |
| | | | | | | | | |
| | | | | | | | | |

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)

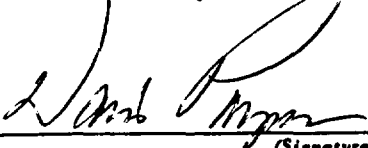
| | | | |
|---------------------------------|-----------------|---|------------|
| Date First New Oil Run To Tanks | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbls.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

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, 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.


(Signature)
President
(Title)
5-1-87
(Date)

OIL CONSERVATION COMMISSION

MAY 19 1987

APPROVED _____, 19____
BY Paul Krutz
Geologist
TITLE _____

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 only Sections I, II, III, and VI 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 multiple completed wells.

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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| OPERATOR | | |

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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.)

OIL WELL TA GAS WELL OTHER-

7. Unit Agreement Name

Name of Operator ARCO Oil & Gas Company
Division of Atlantic Richfield Company
Address of Operator

8. Farm or Lease Name

T.D. Pope

P.O. Box 1710, Hobbs, New Mexico 88240

9. Well No.

9

Location of Well

UNIT LETTER C 1650 FEET FROM THE West LINE AND 660 FEET FROM
THE North LINE, SECTION 36 TOWNSHIP 14S RANGE 37E NMPM.

10. Field and Pool, or Wildcat

Denton Devonian

15. Elevation (Show whether DF, RT, GR, etc.)

3804' GR

12. County

Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK
TEMPORARILY ABANDON
PULL OR ALTER CASING

PLUG AND ABANDON
CHANGE PLANS

REMEDIAL WORK
COMMENCE DRILLING OPNS.
CASING TEST AND CEMENT JOB

ALTERING CASING
PLUG AND ABANDONMENT

OTHER Cancel Previous Intent - TA

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.

Notice of Intention to perforate additional Devonian, acidize and return to Production - as approved on 12-15-80 will not be done. Please cancel. The above well is to remain shut-in. The date of shut-in status was 11-1-76 because the well was uneconomical to produce. Temp. Abandoned.

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

SIGNED T.D. McDaniel & J.W. Schmidt TITLE Dist. Drlg. Supt.

DATE 5-4-81

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

Expired 11/1/75 (2)

MAY 7 1981

OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-7

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| OPERATOR | | |

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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 ARCO Oil & Gas Company Division of Atlantic Richfield Company | 8. Farm or Lease Name T. D. Pope |
| 3. Address of Operator Box 1710, Hobbs, New Mexico 88240 | 9. Well No. 9 |
| 4. Location of Well UNIT LETTER <u>C</u> , <u>1650</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM THE <u>North</u> LINE, SECTION <u>36</u> TOWNSHIP <u>14S</u> RANGE <u>37E</u> N.M.P.M. | 10. Field and Pool, or Wildcat Denton Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3804' GR | 12. County Lea |

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

| | | | |
|---|---|--|---|
| PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input 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 1103.

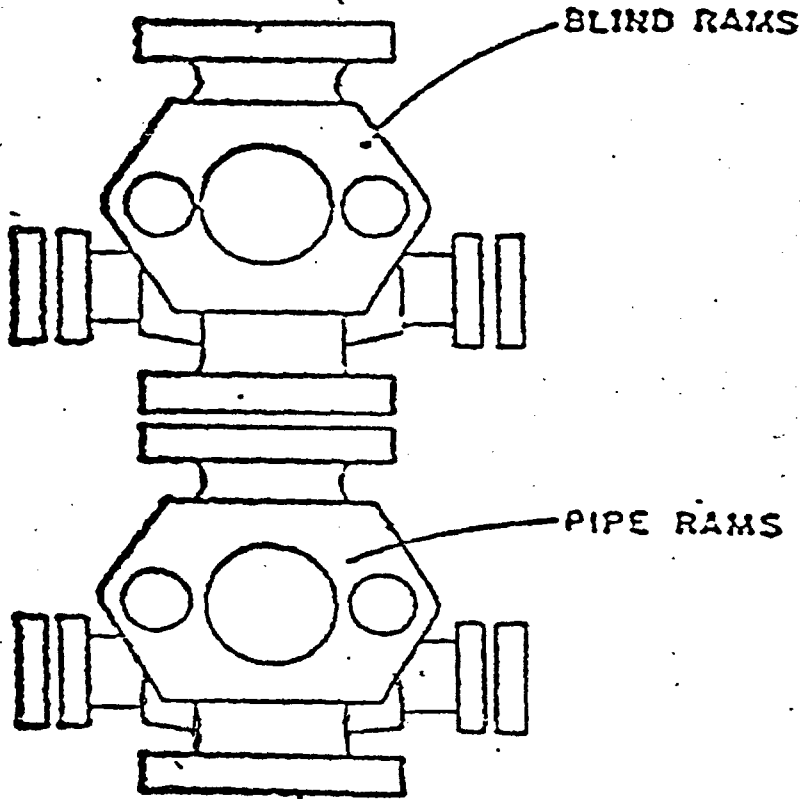
- Rig up, kill well, install BOP, POH w/compl assy, CO to 12,643' PBD.
- RIH w/RBP, set @ approx 12,250'. Press test tbg/csg annulus to 1500# 30 mins. If leak found, cmt squeeze & press test csg.
- RIH w/pkr, set pkr @ Approx 12,250', acidize perms 12,259-12,460' w/1500 gals 15% HCL-NEA-FE acid. POH w/tbg & pkr.
- RIH w/compl assy, test & return to production.

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

SIGNED Jerry W. Sexton TITLE Dist. Drlg. Supt. DATE 12/8/80

APPROVED BY Jerry Sexton TITLE Dist. Drlg. Supt. DATE DEC 15 1980

CONDITIONS OF APPROVAL, IF ANY:



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name T. D. Pope

Well No. 9

Location 1650' FWL & 660' FNL
Sec 36-14S-37E, Lea County

BOP to be tested before installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.

| | |
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| TRANSPORTER | OIL |
| | GAS |
| OPERATOR | |
| PRORATION OFFICE | |

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

I. OPERATOR
Operator ARCO Oil and Gas Company -
Division of Atlantic Richfield Company

Address
P. O. Box 1710, Hobbs, New Mexico 88240

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)
Change in Operator Name
effective: 4-1-79

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

| | | | |
|---|----------------------|--|---|
| Lease Name <u>T. D. Pope</u> | Well No. <u>9</u> | Pool Name, including Formation <u>Denton Devonian</u> | Kind of Lease State, Federal or Fee <u>Fee</u> |
| Location Unit Letter <u>C</u> ; <u>1650</u> Feet From The <u>West</u> Line and <u>660</u> Feet From The <u>North</u> Line of Section <u>36</u> , Township <u>14S</u> Range <u>37E</u> , NMPM, <u>Lea</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"/> <u>Amaco Production Co.</u> | Address (Give address to which approved copy of this form is to be sent) <u>Drawer A, Levelland Texas 79336</u> |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <u>Tipperary Resource Corp.</u> | Address (Give address to which approved copy of this form is to be sent) <u>500 W. Illinois, Midland Texas 79701</u> |
| If well produces oil or liquids, give location of tanks. Unit <u>M</u> Sec. <u>36</u> Twp. <u>14</u> Rge. <u>37</u> | Is gas actually connected? <u>Yes</u> When <u>Unknown</u> |

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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded <u>No Change</u> | Date Compl. Ready to Prod. | | Total Depth | | P.B.T.D. | | | |
| Pool | Name of Producing Formation | | Top Oil/Gas Pay | | Tubing Depth | | | |
| Perforations | | | | | | Depth Casing Shoe | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | SACKS CEMENT | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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 <u>No Change</u> | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil - Bbls. | Water - Bbls. | Gas - MCF |

GAS WELL

| | | | |
|----------------------------------|-----------------|------------------------|-----------------------|
| Actual Prod. Test - MCF/D | Length of Test | Bbls. Condensate/M/MCF | 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.

George V. Rickis
(Signature)
District Prod. & Drlg. Supt.
(Title)
3-12-79
(Date)

OIL CONSERVATION COMMISSION

APPROVED APR 10 1979, 19____

BY Jerry Sexton

TITLE SUPERVISOR DISTRICT 1

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 multiply completed wells.

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NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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 TA GAS WELL OTHER

2. Name of Operator
Atlantic Richfield Company

3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER C 1650 FEET FROM THE West LINE AND 660 FEET FROM
THE North LINE, SECTION 36 TOWNSHIP 14S RANGE 37E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
T. D. Pope

9. Well No.
9

10. Field and Pool, or Wildcat
Denton Devonian

15. Elevation (Show whether DF, RT, GR, etc.)
3804' GR

12. County
Lea

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

PULL OR ALTER CASING

OTHER

PLUG AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOB

OTHER

ALTERING CASING

PLUG AND ABANDONMENT

Temporarily Abandon

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 production on the well has declined to 19 BOPD. The well was shut-in on November 1, 1978 because it was uneconomical to produce. A 2"-2000#WOG valve has been installed on the tbg-head. Temp. Abandon for future possible use in a Denton Devonian Unit.

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

SIGNED [Signature] TITLE Sr. Dist. Prod. Supur. DATE 11-14-78

APPROVED BY Jerry Sexton TITLE Dist. In Supr. DATE NOV 16 1978

CONDITIONS OF APPROVAL

Expire 11/1/78 (2nd)

NEW MEXICO OIL CONSERVATION COMMISSION

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| LAND OFFICE | | |
| OPERATOR | | |

5a. Indicate Type of Lease
 State Fee
 5. State Oil & Gas Lease No.

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 GAS WELL OTHER
 2. Name of Operator
Atlantic Richfield Company
 3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240
 4. Location of Well
 UNIT LETTER **C** **1650** FEET FROM THE **West** LINE AND **660** FEET FROM
 THE **North** LINE, SECTION **36** TOWNSHIP **14S** RANGE **37E** NMPM.
 7. Unit Agreement Name
 8. Farm or Lease Name
T. D. Pope
 9. Well No.
9
 10. Field and Pool, or Wildcat
Denton Dev.
 11. Elevation (Show whether DF, RT, GR, etc.)
3804' GR
 12. County
Lea

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 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 <u>Perforate, Acidize (same zone)</u> <input checked="" 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.

On 8/19/75 rigged up, installed BOP & POH w/completion assy. Ran bit & csg scraper to 12,482'. OK. POH w/bit & scraper. Perf'd 1 JS ea @ 12,318, 20, 23, 26, 28' = 5 - 1/2" holes. Ran RBP & pkr on 2-3/8" tbg, set RBP @ 12,475' & pkr @ 12,164'. Trtd perms 12,259-12,460' w/16,000 gals 15% HCL NEA acid cont'g iron sequestrant & 3 gals/1000 gal friction reducer, 3 gal/1000 gal inhibitor. MP 3650#, Min 1700#, ISIP vac. Swbd 12 hrs, rec 6 BO, 102 BLW. Unseated pkr, rec RBP & POH. Ran Kobe pump assy & pkr, set pkr @ 12,111'. On 24 hr potential test 9/3/75 pmpd 32 BO & 326 BW, gas not measured. Prior production was 20 BO & 249 BW. Final Report.

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

SIGNED [Signature] TITLE Dist. Drlg. Supv. DATE 9/8/75

APPROVED BY John Runyan Geologist TITLE Geologist DATE SEP 11 1975

CONDITIONS OF APPROVAL, IF ANY:

| | | |
|--------------|--|--|
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| FOR | | |

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.

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.)

Oil Well Gas Well OTHER-

1. Name of Operator
Atlantic Richfield Company

2. Farm or Lease Name
T. D. Pope

3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

9. Well No.
9

4. Location of Well
UNIT LETTER **C** **1650** FEET FROM THE **West** LINE AND **660** FEET FROM
THE **North** LINE, SECTION **36** TOWNSHIP **14S** RANGE **37E** NMPM.

10. Field and Pool, or Wildcat
Denton Devonian

15. Elevation (Show whether DF, RT, GR, etc.)
3804' GR

12. County
Lea

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK PLUG AND ABANDON
TEMPORARILY ABANDON CHANGE PLANS
PULL OR ALTER CASING
OTHER Perforate, acidize (same zone)

SUBSEQUENT REPORT OF:

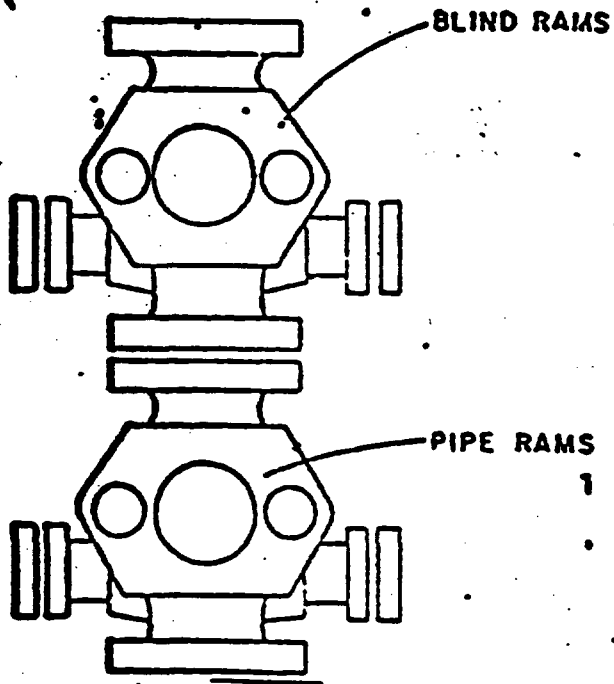
REMEDIAL WORK ALTERING CASING
COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT
CASING TEST AND CEMENT JOB
OTHER _____

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.

- Propose to acidize present perms & increase production rate in the following manner:
1. Rig up. Install BOP, pull completion assy.
 2. GIH w/bit & scraper, clean out to PBD 12,489'.
 3. Perforate Dev w/l JS ea @ 12,318, 20, 23, 26, 28, (5 - 1/2" holes).
 4. GIH w/pkr, RBP, tbg. Set RBP @ 12,475', pkr @ 12,375'.
 5. Acidize old perms 12,389-460' w/8000 gals 15% HCl NEA acid w/iron sequestering agent & friction reducer in 1 stage.
 6. PUH w/pkr & RBP. Set RBP @ 12,375', pkr @ 12,225'.
 7. Acidize new & old perms 12,259-363' w/8000 gals 15% HCL NEA w/iron sequestering agent & friction reducer.
 8. FOH w/tbg, pkr & RBP.
 9. RIH w/completion assy & return to production.

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

SIGNED [Signature] TITLE Dist. Drlg. Supv. DATE 7/10/75
 APPROVED BY Les Clancy TITLE OIL & GAS INSPECTOR DATE JUL 14 1975
 CONDITIONS OF APPROVAL, IF ANY:



**ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program**

Lease Name T. D. Pope

Well No. 9

Location 1650' FWL & 660' FNL
Sec 36, T14S, R37E, Lea Co.

BOP to be tested before installed on well and will be maintained in good working condition during workover. All wellhead fittings to be of sufficient pressure to operate in a safe manner.

11/17

| | |
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NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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 GAS WELL OTHER

2. Name of Operator
Atlantic Richfield Company

3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER **C** **1650** FEET FROM THE **West** LINE AND **660** FEET FROM
THE **North** LINE, SECTION **36** TOWNSHIP **14S** RANGE **37E** NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3804' GR

7. Unit Agreement Name

8. Farm or Lease Name
T. D. Pope

9. Well No.
9

10. Field and Pool, or Wildcat
Denton Devonian

12. County
Lea

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 checked="" type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input 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 JOB <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 1103.

On 12/23/74 installed BOP and POH w/Completion Assy. Perf'd additional Devonian w/1 JS ea interval 12,259, 261, 265, 287, 289, 291, 295, 297, 12,345, 351, 356, 358, 361 & 363' = 14 holes. WIH w/2-3/8" tbg, FBRC & RBP. Set RBP @ 12,380' & FBRC @ 12,220'. Acidized perms 12,259-363' w/5000 gals 15% HCL-LSTNE acid. MP 3200#, Min 2600#, ISIP 800#. Swabbed & tested. POH w/FBRC & RBP. WIH w/2-3/8" tbg & FBRC & set @ 12,380'. Acidized Dev 12,398-460' w/6000 gal 15% HCL acid. MP 2700#, Min 1600#, ISIP vacuum. Swabbed & tested. POH w/tbg & pkr. Ran Kobe production assy back in hole. Btm tbg @ 12,118'. On 24 hr potential test 1/9/75 pumped 36 BO, 379 BW, GTSTM. Prior production was 10 BO & 95 BW, increase of 26 BOPD. Final Report.

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

SIGNED *Joe D. Bamey* TITLE Dist. Drlg. Supv. DATE 1/14/75

APPROVED BY Joe D. Bamey TITLE Dist. I. Supv. DATE 1/14/75

CONDITIONS OF APPROVAL, IF ANY:

| | | |
|------------------------|--|--|
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| FILE | | |
| U.S.G.S. | | |
| LAND OFFICE | | |
| OPERATOR | | |

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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- 2. Name of Operator Atlantic Richfield Company 3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240 4. Location of Well UNIT LETTER <u>C</u> <u>1650</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM THE <u>North</u> LINE, SECTION <u>36</u> TOWNSHIP <u>14S</u> RANGE <u>37E</u> NMPM. 15. Elevation (Show whether DF, RT, GR, etc.) 3804' GR | 7. Unit Agreement Name 8. Farm or Lease Name T. D. Pope 9. Well No. 9 10. Field and Pool, or Wildcat Denton Devonian 12. County Lea |
|--|---|

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

| | | | |
|---|---|--|---|
| PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input 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 1103.

TD 12,644', PBD 12,489' - Present perforations 12,398-460'

Propose to perforate additional Devonian and acid treat in the following manner: BOP program attached.

1. POH w/completion assembly.
2. Perforate additional Dev w/1 JS ea @ 12,259, 261, 265, 287, 289, 291, 295, 297, 12,345, 351, 356, 358, 361 & 363' (14 holes, GR-Neutron).
3. Run RBP & treating pkr on tbg, set RBP @ 12,380', pkr @ 12,220' & acidize w/5000 gals 15% HCL-LSTNE w/solid suspending agent & using ball sealers to divert.
4. If good show of oil will leave RBP @ 12,380' to isolate old perms. If poor show will pull RBP.
5. Run completion assembly and return to production.

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

SIGNED [Signature] TITLE Dist. Drlg. Supv. DATE 12/5/74

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

| | |
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| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| OPERATOR | |
| PRORATION OFFICE | |

**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-111
Effective 1-1-65

I. OPERATOR

Operator: **ATLANTIC-RICHFIELD COMPANY**

Address: **P.O. Box 1978, Roswell, New Mexico 88201**

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): **Effective May 1, 1970**

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|---|----------------------|--|--|-----------|
| Lease Name T.D. Pope | Well No. 9 | Pool Name, including Formation Denton Devonian | Kind of Lease Other Fee Fee | Lease No. |
| Location Unit Letter C ; 1650 Feet From The West Line and 660 Feet From The North Line of Section 36 Township 14S Range 37E , NMPM, Lea 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"/> AMOCO Pipeline Company | Address (Give address to which approved copy of this form is to be sent) Box 1088, Lovington, New Mex. 88260 |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Tipperary Resource Corp. | Address (Give address to which approved copy of this form is to be sent) 500 West Illinois, Midland, Tex. 79701 |
| If well produces oil or liquids, give location of tanks. Unit M Sec. 36 Twp. 14S Rge. 37E | Is gas actually connected? Yes 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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded | Date Compl. Ready to Prod. | Total Depth | P.B.T.D. | | | | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | Top Oil/Gas Pay | Tubing Depth | | | | | |
| Perforations | Depth Casing Shoe | | | | | | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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 | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbls. | Gas-MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, 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.

Fred Griffith
(Signature)
Reports Clerk
(Title)
6-2-70
(Date)

OIL CONSERVATION COMMISSION

APPROVED **JUN 4 1970**, 19____

BY *[Signature]*

TITLE **SUPERVISOR DISTRICT**

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 only Sections I, II, III, and VI 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 multiply completed wells.

| | |
|---------------------------|-----|
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| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| PRODUCTION OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator **SINCLAIR OIL CORPORATION** effective March 4, 1969
Sinclair Oil & Gas Company

Lease **T. D. Pope** Well No. **9**

Unit Letter **C** Section **36** Township **14S** Range **37E** County **Lea**

Pool **Denton (Devonian)** Kind of Lease (State, Fed, Fee) **Fee**

If well produces oil or condensate give location of tanks _____ Unit Letter **X** Section **36** Township **14S** Range **37E**

Authorized transporter of oil or condensate
Service Pipe Line Company Amoco Pipeline Co. Address (give address to which approved copy of this form is to be sent)
Box 337, Midland, Texas

Is Gas Actually Connected? Yes No

Authorized transporter of casing head gas or dry gas Date Connected _____ Address (give address to which approved copy of this form is to be sent)
The Atlantic Refining Company **Box 696, Lovington, New Mexico**

If gas is not being sold, give reasons and also explain its present disposition:

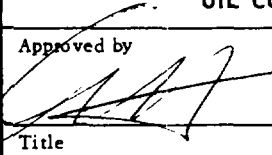
REASON(S) FOR FILING (please check proper box)

New Well Change in Ownership
Change in Transporter (check one)
Oil Dry Gas
Casing head gas . Condensate..
Other (explain below)

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.
Executed this the **26th** day of **November**, 19 **63**.

OIL CONSERVATION COMMISSION

Approved by 

Title _____

Date _____

By **John Burns**
Title **District Superintendent**
Company **Sinclair Oil & Gas Company**
Address **520 East Broadway
Hobbs, New Mexico**

| | |
|---------------------------|------------|
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| U.S.S.I. | |
| LAND OFFICE | |
| TRANSPORTER | OIL GAS |
| PRODUCTION OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 911063)

| | | | | | | |
|--|-----------------------|---|----------------------|------------------------|---------------------|--|
| Name of Company Sinclair Oil & Gas Company | | Address 520 E Broadway, Hobbs, New Mexico | | | | |
| Lease T.B. Pope | Well No. 9 | Unit Letter 6 | Section 36 | Township 14S | Range 37E | |
| Date Work Performed see below | Pool Benton | County | | | | |

THIS IS A REPORT OF: (Check appropriate block)

Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

- 3-2-63 12622FWD-Devonian. Moved in IDU (Southwestern). Pulled the packer. Set GI L. liner at 12409. Ran 2" tbg to 12409 & squeezed Devonian Perfs 12514-12600 w/total 500 sacks cement. Max Press 3600#. WOS.
- 3-3-63 Tested squeeze job w/7500# pump pressure—could not pump in—tested OK.
- 3-5-63 Jet perforated 7" csg in Devonian zone 12398-12406, 12415-12420, 12428-12437, 12441-12448, 12457-12460 w/total 10 1/2" holes. Ran 2" tbg & packer to 12400.
- 3-6-63 Spotted 150 gals break down acid & set packer at 12150. Had acid washed perfs w/additional 600 gals. Max Press 5800, Min Press 2400, inj rate 2.7 BPM.
- 3-9-63 Pulled tbg & packer & rerun 2" tbg w/packer & hydraulic pump to 11900'.
- 3-26-63 12409FWD Devonian—On 24 hr potential test cutting 6:00 AM 3-26-63, pumped 140 bbls new 47.0 gravity oil & 126 bbls formation water. Recompleted in the Devonian zone. Final Report.

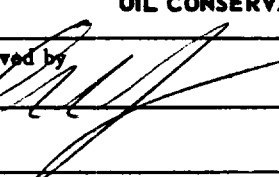
ILLEGIBLE

| | | |
|--------------------------------|--------------------------------------|--|
| Witnessed by Leo Box | Position Asst Dist Foreman | Company Sinclair Oil & Gas Company |
|--------------------------------|--------------------------------------|--|

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

| ORIGINAL WELL DATA | | | | | | |
|---|------------------------------|----------------------------------|---|-----------------------------------|--|--|
| D F Elev. 3815 | T D 12614 | P B T D 12602 | Producing Interval 12514-12600 | Completion Date 4-30-63 | | |
| Tubing Diameter 8-1/2" | Tubing Depth 12602 | Oil String Diameter 7" | Oil String Depth 12613 | | | |
| Perforated Interval(s)- 12514-12600 | | | | | | |
| Open Hole Interval 2800 | | | Producing Formation(s) Devonian | | | |

| RESULTS OF WORKOVER | | | | | | |
|---------------------|----------------|--------------------|----------------------|----------------------|--------------------|--------------------------|
| Test | Date of Test | Oil Production BPD | Gas Production MCFPD | Water Production BPD | GOR Cubic feet/Bbl | Gas Well Potential MCFPD |
| Before Workover | 2-28-63 | 29 | 277X | 430 | 277X | |
| After Workover | 3-26-63 | 140 | 277X | 126 | 277X | |

| | | | | | | |
|--|--|---|--|--|--|--|
| OIL CONSERVATION COMMISSION | | I hereby certify that the information given above is true and complete to the best of my knowledge. | | | | |
| Approved by  | Name Hub Burns | | | | | |
| Title | Position Dist. Supt. | | | | | |
| Date | Company Sinclair Oil & Gas Company | | | | | |

Originals: OOC; cc:WD, M, File; partners

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in TRIPPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|-------------------------------------|---|-------------------------------------|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | <input checked="" type="checkbox"/> | NOTICE OF INTENTION TO ACIDIZE | <input checked="" type="checkbox"/> | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | <input checked="" type="checkbox"/> | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Albuquerque, New Mexico
(Place)

February 22, 1962
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Standard Oil & Gas Company (Company or Operator) 2.2.1. Lease Well No. 3 in 8 (Unit)
NE 1/4 NW 1/4 of Sec. 36, T. 14S, R. 37E, NMPM., Benton Pool
San Juan County.

FULL DETAILS OF PROPOSED PLAN OF WORK (FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

PROPOSE TO: Remove off present Devonian Perforations with cement. Reprofracture in Devonian zone and treat with acid.

ILLEGIBLE

Approved....., 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION

By.....
Title.....

Standard Oil & Gas Company
Company or Operator

By [Signature]
Position Dist. Supt.
Send Communications regarding well to:

Name.....
Address 500 E Broadway, Albuquerque, N.M.

Orig: & 4

AD
VDA
JTR
KGC
HAM

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico HOBBS OFFICE OCC

| | | | | | |
|--|--|--|--|--|--|
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DUPLICATE

1954 MAY 25 AM 10:37
WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Sinclair Oil & Gas Company
(Company or Operator)

T. D. Pope
(Lease)

Well No. **9**, in **NE** 1/4 of **SW** 1/4, of Sec. **36**, T. **14 S**, R. **37 E**, NMPM.

Denton

Pool,

Lee

County.

Well is **660** feet from **North** line and **1650** feet from **West** line

of Section **36**. If State Land the Oil and Gas Lease No. is

Drilling Commenced **1-21-54**, 19... Drilling was Completed **4-22-54**, 19...

Name of Drilling Contractor **A. W. Thompson Incorporated**

Address **Houston, Texas**

Elevation above sea level at Top of Tubing Head **3804**. The information given is to be kept confidential until 19...

OIL SANDS OR ZONES

No. 1, from **12514** to **12600** No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **None** to _____ feet.

No. 2, from _____ to _____ feet.

No. 3, from _____ to _____ feet.

No. 4, from _____ to _____ feet.

CASING RECORD

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|--------|--------------------|-------------|--------|--------------|---------------------|--------------|---------|
| 13 3/8 | 25.6 | N | 320 | None | | | |
| 9 5/8 | 40-36 | N | 4772 | Larkin | | | |
| 7 | 36, 32, 29, 26, 23 | N | 12643 | Larkin | | | |
| 2 1/2 | 6.75 | N | 12602 | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 17 | 13 3/8 | 322 | 350 | Halliburton | | |
| 12 1/4 | 9 5/8 | 4773 | 2814 | " | | |
| 8 3/4 | 7 | 12643 | 750 | " | | |

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Treated formation 12514 to 12600 with 1,000 gallons of 15% mud acid

ILLEGIBLE

Result of Production Stimulation **Flowed 352 barrels of oil in 4 hours**

Depth Cleaned Out **12622**

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from Surface feet to 12644 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing May 1, 1954

OIL WELL: The production during the first 24 hours was 2112 barrels of liquid of which 100 % was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I. Gravity 44.2

GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of liquid Hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

| Southeastern New Mexico | | Northwestern New Mexico | |
|------------------------------|--------------------------|-------------------------|--|
| T. Anhy. <u>2170</u> | T. Devonian <u>12260</u> | T. Ojo Alamo | |
| T. Salt <u>2243</u> | T. Silurian | T. Kirtland-Fruitland | |
| B. Salt <u>3142</u> | T. Montoya | T. Farmington | |
| T. Yates <u>3142</u> | T. Simpson | T. Pictured Cliffs | |
| T. 7 Rivers <u>3298</u> | T. McKee | T. Menefee | |
| T. Queen <u>4085</u> | T. Ellenburger | T. Point Lookout | |
| T. Grayburg <u>4222</u> | T. Gr. Wash | T. Mancos | |
| T. San Andres <u>4612</u> | T. Granite | T. Dakota | |
| T. Glorieta <u>6178</u> | | T. Morrison | |
| T. Drinkard | | T. Penn | |
| T. Tubbs <u>7319</u> | | | |
| T. Abo <u>8015</u> | | | |
| T. Penn <u>Wolfcamp 9268</u> | | | |
| T. Miss <u>11410</u> | | | |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|-------|-------|-------------------|--------------------------|------------------|----|-------------------|-----------|
| 0 | 40 | 40 | Caliche & Sand | ILLEGIBLE | | | |
| 40 | 323 | 283 | Caliche, sand & Redbed | | | | |
| 323 | 1886 | 1563 | Redbed | | | | |
| 1886 | 2446 | 560 | Redbed, Anhydrite & Sand | | | | |
| 2446 | 2626 | 180 | Anhydrite & Sand | | | | |
| 2626 | 4282 | 1656 | Anhydrite & Salt | | | | |
| 4282 | 4480 | 198 | Anhydrite & Lime | | | | |
| 4480 | 9979 | 5499 | Lime | | | | |
| 9979 | 10038 | 59 | Lime & Shale | | | | |
| 10038 | 10108 | 70 | Lime | | | | |
| 10108 | 10377 | 269 | Lime & Shale | | | | |
| 10377 | 10423 | 46 | Lime | | | | |
| 10423 | 10623 | 200 | Shale | | | | |
| 10623 | 11153 | 530 | Lime & Shale | | | | |
| 11153 | 11259 | 106 | Lime | | | | |
| 11259 | 11287 | 28 | Lime & Chert | | | | |
| 11287 | 11328 | 41 | Shale | | | | |
| 11328 | 11334 | 6 | Lime & Shale | | | | |
| 11467 | 11467 | 133 | Lime | | | | |
| 11467 | 11721 | 267 | Lime & Chert | | | | |
| 12167 | 12167 | 433 | Lime | | | | |
| 12167 | 12193 | 26 | Lime & Shale | | | | |
| 12193 | 12371 | 178 | Shale | | | | |
| 12371 | 12419 | 48 | Lime & Shale | | | | |
| 12419 | 12644 | 225 | Lime | | | | |

12622 PB TD

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

5-24, 1954

Company or Operator Sinclair Oil & Gas Company

Address Box 1927 Hobbs, New Mexico

Name G. E. [unclear]

Position or Title District Superintendent

(Date)



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved on an initial application for a completed Oil or Gas well. Submit this form in QUADRUPPLICATE.

HOBBS OFFICE OGC

1954 MAY 5 AM 11:34
CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Sinclair Oil & Gas Company Lease T. B. Pope

Address Box 1977 Hobbs, New Mexico Box 521 Tulsa 2, Oklahoma
(Local or Field Office) (Principal Place of Business)

Unit 6, Well(s) No. 2, Sec. 26, T. 14 S, R. 37 E, Pool Denton

County Lea Kind of Lease: Fee

If Oil well Location of Tanks On lease

Authorized Transporter: SERVICE PIPE LINE COMPANY Address of Transporter

Box 337 Midland, Texas Midland, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100 Other Transporters authorized to transport Oil or Natural Gas from this unit are _____ %

REASON FOR FILING: (Please check proper box)

- NEW WELL CHANGE IN OWNERSHIP
- CHANGE IN TRANSPORTER OTHER (Explain under Remarks)

REMARKS:

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 1st day of May 1954

Approved MAY 6 1954, 1954

OIL CONSERVATION COMMISSION
By [Signature]
Title Oil & Gas Inspector

By [Signature]
Title Dist. Clerk

(See Instructions on Reverse Side)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Original & 3 copies
QUADRUPPLICATE

REQUEST FOR (OIL) - (GAS) ALLOWABLE
New Well Recompletion
HOBBS OFFICE OCT 11 1954

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-10A was filed. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico

May 1, 1954

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Sinclair Oil & Gas Company T. D. Pope, Well No. 9, in NE 1/4 NW 1/4,
(Company or Operator) (Lease)

Sec. 36, T. 14 S, R. 37 E, NMPM., Denton Pool
(Unit)

Lee County. Date Spudded 1-21-54, Date Completed 4-30-54

Please indicate location:

| | | | |
|--|---|--|--|
| | o | | |
| | | | |
| | | | |
| | | | |
| | | | |

Elevation 3904 Total Depth 12644 P.B. 12622

Top oil/gas pay 12514 Prod. Form. Devonian

Casing Perforations: 12514 to 12600 or

Depth to Casing shoe of Prod. String

Natural Prod. Test 775 BOPD

based on 355 bbls. Oil in 11 Hrs. Mins.

Test after acid or shot 712 BOPD

Based on 352 bbls. Oil in 4 Hrs. Mins.

Gas Well Potential

Size choke in inches 3/4"

Date first oil run to tanks or gas to Transmission system: 4-29-54

Transporter taking Oil or Gas: SERVICE PIPE LINE COMPANY

Casing and Cementing Record
Size Feet Sax

| | | |
|--------|-------|------|
| 13 3/8 | 322 | 350 |
| 9 5/8 | 4773 | 2814 |
| 7 | 12643 | 750 |
| 2 1/2 | 12602 | |

Remarks: ILLEGIBLE

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

Approved MAY 6 1954, 19

Sinclair Oil & Gas Company
(Company or Operator)

By: [Signature] (Signature)

Title: Dist. Clerk
Send Communications regarding well to:

Name: Sinclair Oil & Gas Company

Address: Box 1927 Hobbs, New Mexico

OIL CONSERVATION COMMISSION

By: [Signature] Oil & Gas Inspector
Title

Orig: & see: OCC
TRIPPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS OFFICE OCC

Submit this report in **TRIPPLICATE** to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of ~~1954~~ ^{MAY 5 AM 11:34} casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|-------------------------------------|---|-------------------------------------|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) Perforation & Acid | <input checked="" type="checkbox"/> |

May 1, 1954

(Date)

Hobbs, New Mexico

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Sinclair Oil & Gas Company

(Company or Operator)

T. D. Pope

(Lease)

A. W. Thompson Inc.

(Contractor)

Well No. 9 in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 36

T. 14 S, R. 37 E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: 4-24-54

Notice of intention to do the work (~~was~~ (was not) submitted on Form C-102 on _____, 19____, (Cross out incorrect words)

and approval of the proposed plan (was) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

TD - 12644 - set 7" OD casing @ 12643 and cemented with 750 sacks of cement. Ran temperature survey which indicated top of cement behind 7" casing @ 7960' from surface. Let set 72 Hours, tested w/1500# for 30 minutes before and after drilling plug. No decrease. PBD 12622 - perforated 7" OD casing with 4 - 1/2" jet shots per foot from 12514 to 12600. Ran 12602' of 2 1/2" UE tubing. Swabbed 1 1/2 Hrs., flowed to pits & 1/2 Hrs. flowed in tank 355 Bbls. of oil and 97 Bbls. of load water in 11 Hrs. Acidized w/1,000 gallons of Mud acid. Max. Press. 300#, Min. Press. Vacuum. Injection rate 3 Bbls. per minute. Swabbed 1 Hr. 30 Min., well started flowing, flowed 430 Bbls. load oil, 21 Bbl. acid and 405 Bbls. of new oil in 10 hours. flowed thru 3/4" choke, Tubing Pressure 575#, Last 4 hours flowed 352 Barrels oil.

ILLEGIBLE

Witnessed by H. W. Shener (Name) Sinclair Oil & Gas Co. (Company) Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

[Signature] (Name)

Oil & Gas Inspector MAY 6 1954

(Title)

(Date)

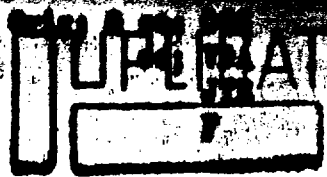
I hereby certify that the information given above is true and complete to the best of my knowledge.

Name [Signature]

Position Dist. Clerk

Representing Sinclair Oil & Gas Co.

Address Box 1927 Hobbs, N.M.



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS

1954 APR 22 AM 9:58

Submit this report in TRIPPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|-------------------------------------|--------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

April 20, 1954
(Date)

Hobbs, N.M.
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Sinclair Oil & Gas Company
(Company or Operator)

T. D. Pope
(Lease)

A. N. Thompson Inc.
(Contractor)

Well No. 9 in the NE 1/4 NW 1/4 of Sec. 26

T. 14 S., R. 37 E., NMPM., Denton Pool, Lea County.

The Dates of this work were as follows: 2-3-54

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____, (Cross out incorrect words)

and approval of the proposed plan (was) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

TD 4785 - Set 9 5/8" OD casing @ 4773 and cemented with 2000 sacks of cement. Run temperature survey which indicated top of cement behind 9 5/8" casing @ 4800 from surface. Let set 48 hours and tested with 1000# for 30 minutes before and after drilling cement plug. No decrease in pump pressure. Resumed drilling.

ILLEGIBLE

Witnessed by H. N. Shafer
(Name)

Sinclair Oil & Gas Company Foreman
(Company) (Title)

Cement should cover salt section by sufficient amount on two-stage job

OIL CONSERVATION COMMISSION

S. J. Stanley
(Name)

Engineer District 1 APR 23 1954

(Title)

(Date)

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

Name: H. N. Shafer

Position: Dist. Supt.

Representing: Sinclair Oil & Gas Co.

Address: Box 1927 Hobbs, N.M.

Orig: & ...
DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-103)
RECEIVED
FEB 1 1954
OIL CONSERVATION COMMISSION
MOBBS OFFICE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|-------------------------------------|--------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

January 30, 1954
(Date)

Mobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Sinclair Oil & Gas Company
(Company or Operator)

T. D. Pope
(Lease)

A. W. Thompson Inc.
(Contractor)

Well No. 9 in the NE 1/4 SW 1/4 of Sec. 36

T. 14 S, R. 37 E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: 1-21-54

Notice of intention to do the work (was) (was not) submitted on Form C-102 on _____, 19____, and approval of the proposed plan (was) (was not) obtained.
(Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spudded 1-21-54

ID - 323 - Set 13 3/8" CD casing @ 322 and cemented with 350 sacks of cement. Cement circulated to surface. Let set 48 hours and tested with 800f pump pressure before and after drilling plug for 30 minutes. No decrease in pump pressure. Resumed drilling.

LLEGIBLE

Witnessed by H. W. Shaner
(Name)

Sinclair Oil & Gas Company
(Company)

Foreman
(Title)

Approved: OIL CONSERVATION COMMISSION

S. J. Stanley
(Name)

Engineer District 1 FEB 2 1954
(Title) (Date)

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

Name: *C. L. Satter*
Position: Dist. Supt.
Representing: Sinclair Oil & Gas Co.
Address: Box 1937, Mobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
JAN 20 1954
OIL CONSERVATION COMMISSION

NOTICE OF INTENTION TO DRILL OR RECOMPLETION

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in **QUINTUPLICATE**. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Tulsa, Oklahoma

January 15, 1954

(Place)

(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) ~~(Recompletion)~~ of a well to be known as
Sinclair Oil & Gas Company

(Company or Operator)

T. D. Pope

(Lease)

Well No. **9**, in **MC** (Unit)

The well is

located **660** feet from the **West**

feet from the **West**

North

line and **1650** feet from the

(Unit)

line of Section **36**, T. **14-S**, R. **37-E**, NMPM.

(GIVE LOCATION FROM SECTION LINE)

Denton (Devonian) Pool,

Lea County

If State Land the Oil and Gas Lease is No. **-**

If patented land the owner is **(see attached)**

Address:

We propose to drill well with drilling equipment as follows:

Rotary

The status of plugging bond is:

Drilling Contractor:

We intend to complete this well in the **Devonian**

formation at an approximate depth of **12,800** feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

| Size of Hole | Size of Casing | Weight per Foot | New or Second Hand | Depth | Sacks Cement |
|--------------|----------------|---------------------|--------------------|---------|--------------|
| 17-1/4" | 13-3/8" | 48# | New | 300' | 350 |
| 12-1/4" | 9-5/8" | 36# & 40# | " | 4800' | 2100 |
| 8-3/4" | 7" | 23#, 26#, 29# & 32# | " | 12,800' | 600 |

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved **JAN 25 1954**, 19_____
Except as follows:

A. G. Stanley
OIL CONSERVATION COMMISSION
By: _____
Engineer District _____
Title _____

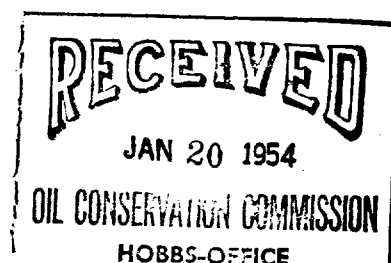
Sincerely yours,
Sinclair Oil & Gas Company
By: **John N. Johnson**
Vice-President
Send Communications regarding well to
Name: **Sinclair Oil & Gas Company**
Address: **P.O. Box 521, Tulsa, Okla.**
Attn: John N. Johnson

ROYALTY INTEREST OWNERS

| <u>NAME</u> | <u>ADDRESS</u> | <u>INTEREST</u> |
|--|--|--------------------|
| Stanley F. Jackes | 4427 Geraldine Ave. St. Louis 15, Mo. | 180/8640 of 1/8 |
| Roy V. Flesh | 1123 Wasington Ave. St. Louis 17, Mo. | 135/8640 of 1/8 |
| B. D. Buckley | 6635 Dalmar Blvd. St. Louis 5, Mo. | 360/8640 of 1/8 |
| Erle Payne & Marguerite Payne | 310 South "I" St. Midland, Texas | 180/8640 of 1/8 |
| Fannie May Gardner | Box 1613 Hobbs, New Mexico | 270/8640 of 1/8 |
| B. H. Pope | Box 1035 Lovington, New Mexico | 1080/8640 of 1/8 |
| Fonzo Fort, Guardian of B. L. Pope, an Incom. | Lovington, New Mexico | 720/8640 of 1/8 |
| Leara H. Pope | 653 W. Harvard St. Santa Paula, Calif. | 300/8640 of 1/8 |
| Willie Eldon Pope | 2468 E. Lancaster St. Fort Worth, Texas | 243/8640 of 1/8 |
| Audie Lawrence Pope | 1409 S. Chadbourne St. San Angelo, Texas | 180/8640 of 1/8 |
| O. A. Pope | Route #1, Box 282 Lovington, New Mexico | 1080/8640 of 1/8 |
| Mrs. J. R. Fort | Lovington, New Mexico | 495/8640 of 1/8 |
| M. A. Machris | 1500 Statler Center 900 Wilshire Blvd. Los Angeles, Calif. | 165/8640 of 1/8 |
| Maybell Machris | 668 E. Channel Road Santa Monica, Calif. | 45/8640 of 1/8 |
| Bush-Overbey Oil Development, Inc. | Midland Nat'l Bank Bldg. Midland, Texas | 146.25/8640 of 1/8 |
| G. M. Shelton | - - - - | 450/8640 of 1/8 |
| T. L. Stall | - - - - | 72/8640 of 1/8 |
| J. W. Hunt | 224 Patterson Bldg. Denver, Colorado | 36/8640 of 1/8 |
| Wm. B. Johnston | P. O. Box 325 Midland, Texas | 27/8640 of 1/8 |
| H. L. Brown | Fort Worth Nat'l Bk. Bldg. Fort Worth, Texas | 540/8640 of 1/8 |
| W. R. Wheeler | Fort Worth National Bk. Bldg. Fort Worth, Texas | 540/8640 of 1/8 |

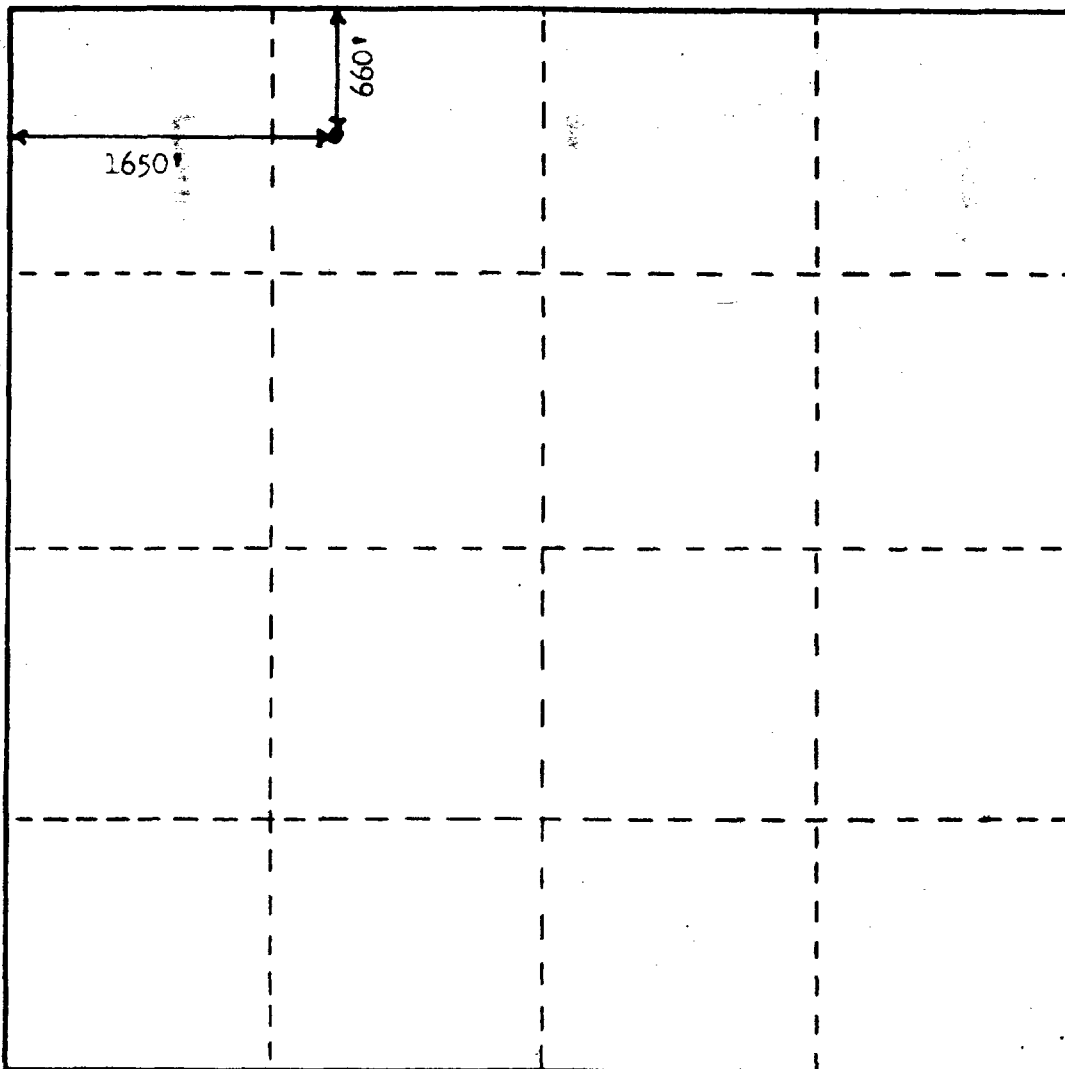
RECEIVED
 JAN 20 1954
 OIL CONSERVATION COMMISSION
 HOBBS-OFFICE

| <u>NAME</u> | <u>ADDRESS</u> | <u>INTEREST</u> |
|---------------------|---|--------------------|
| Paul L. Davis | - - - - | 337.50/8640 of 1/8 |
| Mary Carter Walker | c/o G. H. Walker & Co. One Wall Street New York 5, New York | 67.50/8640 of 1/8 |
| L. H. Tyson | 1008 W. Louisiana St. Midland, Texas | 67.50/8640 of 1/8 |
| W. B. Collins | Box 271 Midland, Texas | 67.50/8640 of 1/8 |
| John K. Overbey | Midland Nat'l Bk. Bldg. Midland, Texas | 33.75/8640 of 1/8 |
| John V. Norman, Jr. | 1804 West Cuthbert Midland, Texas | 18/8640 of 1/8 |
| C. L. Chase | 1303 West Kansas Midland, Texas | 27/8640 of 1/8 |
| HELD IN SUSPENSE | | 777/8640 of 1/8 |



WELL LOCATION SURVEY PLAT.

COMPANY Sinclair Oil & Gas Company
LEASE T. D. Pope
WELL NO. 9



SEC. 36 TWP. 14 S. RGE. 37 E. N.M.P.M.

I CERTIFY THAT THIS SURVEY WAS MADE UNDER
MY DIRECTION, AND THAT THE PLAT IS CORRECT
TO THE BEST OF MY KNOWLEDGE.

Blenn Staley

NEW MEXICO LICENSE NO. 423

| | | |
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| TRANSPORTER | OIL | |
| | GAS | |
| OPERATOR | | |
| PRORATION OFFICE | | |

**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-105
Effective 1-1-65

I. Operator

Polaris Production Corp.

Address

P. O. Box 1703, Midland, Texas 79701

Reason(s) for filing (Check proper box)

New Well

Recompletion

Change in Ownership

Change in Transporter of:

Oil

Casinghead Gas

Dry Gas

Condensate

Other (Please explain)

Change in Operator

If change of ownership give name and address of previous owner

Shell Oil Company, P. O. Box 1509, Midland, Texas 79701

II. DESCRIPTION OF WELL AND LEASE

| | | | | | |
|----------------------|----------------------|---|--|-----|-----------------------|
| Lease Name Priest | Well No. 1 | Pool Name, including Formation Denton Devonian | Kind of Lease State, Federal or Fee | Fee | Lease No. |
| Location | | | | | |
| Unit Letter E | 1980 | Feet From The North | Line and | 660 | Feet From The West |
| Line of Section 1 | Township 15 South | Range 37 East | , NMPM, | | Lea 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) | | | | |
| Amoco Production Co. | P. O. Box 1725, Midland, Texas 79701 | | | | |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) | | | | |
| Tipperary Corp. | 229 Western United Life Bldg., Midland, Tx. | | | | |
| If well produces oil or liquids, give location of tanks. | Unit E | Sec. 1 | Twp. 15 | Rge. 37 | Is gas actually connected? When Yes Unknown |

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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Rec'y. | Diff. Rec'y. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | |
| Perforations | | | | | | Depth Casing Shoe | | |

TUBING, CASING, AND CEMENTING RECORD

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
|-----------|----------------------|-----------|--------------|
| | | | |
| | | | |
| | | | |

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)

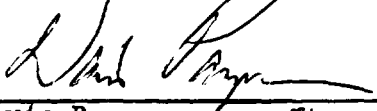
| | | | |
|---------------------------------|-----------------|---|------------|
| Date First New Oil Run To Tanks | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbls.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

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MCF | Gravity of Condensate |
| 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.



Davis Payne

(Signature)

President

(Title)

12-31-73

(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 1973

BY _____

TITLE _____

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 allowable on new and recompleted wells.

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

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

| | |
|------------------------|-----|
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| TRANSPORTER | OIL |
| | GAS |
| OPERATOR | |
| PRORATION OFFICE | |

**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

Operator
Shell Oil Company

Address
P. O. Box 1509, Midland, Texas 79701

Reason(s) for filing (Check proper box) Other (Please explain)

New Well Change in Transporter of:

Recompletion Oil Dry Gas

Change in Ownership Casinghead Gas Condensate

Effective May 1, 1970

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

| | | | | | |
|-----------------------------|----------------------|--|--|---------------------------|-----------|
| Lease Name Priest | Well No. 1 | Pool Name, including Formation Denton Devonian | Kind of Lease State, Federal or Fee | Fee | Lease No. |
| Location | | | | | |
| Unit Letter E | 1980 | Feet From The north | Line and 660 | Feet From The west | |
| Line of Section 1 | Township 15-S | Range 37-E | NMPM, | Lea | County |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | |
|--|--|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> Amoco Pipe Line Co. | Address (Give address to which approved copy of this form is to be sent) P.O. Box 1088, Lovington, N. M. 88260 |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Tipperary Resources Corp. | Address (Give address to which approved copy of this form is to be sent) 500 West Illinois, Midland, Texas 79701 |
| If well produces oil or liquids, give location of tanks. | Unit E Sec 1 Twp 15 Rge 37 |
| Is gas actually connected? | 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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | |
| Perforations | | | | | | | Depth Casing Shoe | |

TUBING, CASING, AND CEMENTING RECORD

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
|-----------|----------------------|-----------|--------------|
| | | | |
| | | | |
| | | | |

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 | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbls. | Gas-MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, 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.

L. S. Mitchell
L. S. Mitchell
(Signature)
Division Production Superintendent
(Title)
June 24, 1970
(Date)

OIL CONSERVATION COMMISSION

APPROVED JUL 8 1970, 19__

BY *[Signature]*

TITLE **SUPERVISOR DISTRICT**

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 only Sections I, II, III, and VI 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 multiply completed wells.

| | |
|---------------------------|-----|
| NUMBER OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | |
| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| PRODUCTION OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

| | | | | | | | |
|---|----------------------|--------------------------------|---------------------|---|---------------------|--|--|
| Name of Company Shell Oil Company | | | | Address P. O. Box 1858, Roswell, New Mexico | | | |
| Lease Priest | Well No. 1 | Unit Letter B | Section 1 | Township 15S | Range 37E | | |
| Date Work Performed 5/28/63 thru 6-6/63 | | Pool Denton-Devonian | | County Lea | | | |

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

1. Pulled rods, pump and tubing.
2. Perforated 12,462' - 12,472' w/1 JBFF.
3. Ran 2" tubing w/Lynes packer, set at 12,558' w/tubing hung open ended below packer 12,596'.
4. Treated below packer w/500 gallons Temblock 30, 250 gallons 15% FE acid and 2750 gallons acid in Kerosene emulsion (20% Kerosene). Treated via annulus above packer 12,462' - 12,558' w/3000 gallons acid-kerosene emulsion (20% kerosene).
5. Pulled tubing and packer.
6. Ran & set Baker Model D packer w/flapper removed, set at 12,423'. Ran original tubing w/Baker seal and locator assembly and exchanged Kobe pump set in packer w/5000#.
7. Recovered load.
8. In 24 hours pumped 129 BO + 251 BW at 1800 psi and 34 BPM.

| | | |
|---------------------------------------|---------------------------------------|-------------------------------------|
| Witnessed by H. G. Sterling | Position Production Foreman | Company Shell Oil Company |
|---------------------------------------|---------------------------------------|-------------------------------------|

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

| | | | | |
|--|--------------------------------|--------------------------------------|--|-----------------------------------|
| D F Elev. 3808' | T D 12,675' | P B T D - | Producing Interval 12,476' - 12,675' | Completion Date 4-24-52 |
| Tubing Diameter 2" | Tubing Depth 12,423' | Oil String Diameter 5 1/2" | Oil String Depth 12,476' | |
| Perforated Interval(s) - | | | | |
| Open Hole Interval 12,476' - 12,675' | | | Producing Formation(s) Devonian | |

RESULTS OF WORKOVER

| Test | Date of Test | Oil Production BPD | Gas Production MCFPD | Water Production BPD | GOR Cubic feet/Bbl | Gas Well Potential MCFPD |
|-----------------|---------------|--------------------|----------------------|----------------------|--------------------|--------------------------|
| Before Workover | 4-63 | 51 | - | 100 | - | - |
| After Workover | 6-6-63 | 129 | 124.0 | 251 | 961 | - |

| | | | |
|--|---|---|--|
| OIL CONSERVATION COMMISSION | | I hereby certify that the information given above is true and complete to the best of my knowledge. | |
| Approved by <i>Leslie A. Clements</i> | Name R. A. Lowery | Original Signed By R. A. LOWERY. | |
| Title | Position District Exploitation Engineer | | |
| Date | Company Shell Oil Company | | |

| | |
|---------------------------|-----|
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| DISTRIBUTION | |
| SANTA FE | |
| FILE | |
| U.S.S.R. | |
| LAND OFFICE | |
| TRANSPORTER | OIL |
| | SAB |
| PRORATION OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS NOTICES

strict Office, Oil Conservation Commission, before the work specified is to begin. A copy will be furnished to the Bureau on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|-------------------------------------|---|-------------------------------------|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | | NOTICE OF INTENTION TO ACIDIZE | <input checked="" type="checkbox"/> | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | <input checked="" type="checkbox"/> | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Roswell, New Mexico
(Place)

May 21, 1963
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Shell Oil Company Priest Well No. 1 in E
 (Company or Operator) Lease (Unit)

SW 1/4 NW 1/4 of Sec. 1, T. 15-S, R. 37-E NMPM., Denton Devonian Pool
 (40-acre Subdivision)

Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Proposed Operation:

1. Pull tubing and pump.
2. Run caliper survey of open hole.
3. Zero on casing shoe at 12,476' with collar locator, perforate 5 1/2" casing with 1 JSFF from 12,462-74'.
4. Run tubing with Lynes open hole packer. Set packer in open hole at + 12,545-12,560'.
5. Acidize below packer as follows: Spot 500 gallons Temblok 30 followed by 250 gallons Fe acid and 2750 gallons acid in kerosene emulsion. (Kerosene phase = 20%, emulsion should be tailored to BHT = 185° F.)
6. Treat above packer with 3000 gallons acid in kerosene emulsion with properties as listed in Step 5.
7. Pull tubing and packer.
8. Rerun tubing and Kobe equipment and place on production.

Approved....., 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION
By.....
Title.....

Shell Oil Company
Company or Operator

By..... R. A. Lowery
Position..... District Exploitation Engineer
Send Communications regarding well to:

Name..... Shell Oil Company
Address..... P. O. Box 1858, Roswell, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

NOV 10 1960
DEC 14 AM 10 18

Company or Operator Shell Oil Company Lease Priest

Well No. 1 Unit Letter E S 1 T 155 R 37E Pool Denton-Devonian

County Lea Kind of Lease (State, Fed. or Patented) Patented

If well produces oil or condensate, give location of tanks: Unit 6 S 1 T 155 R 37E

Authorized Transporter of Oil or Condensate Service Pipe Line Amoco Pipeline

Address Box 38, Denver City, Texas
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas Atlantic Refining Company

Address Box 696, Lovington, New Mexico Date Connected _____
(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) New Well ()

Change in Transporter of (Check One): Oil Dry Gas C'head Condensate

Change in Ownership Other

Remarks: _____ (Give explanation below)

ACT Unit connected August 12, 1960

R-1669

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 13th day of December 19 60

Approved DEC 11 1960 19 60

OIL CONSERVATION COMMISSION
By [Signature]
Title Engineer District

Original Signed By
By R. A. Lowery R. A. LOWERY

Title District Exploitation Engineer

Company Shell Oil Company

Address Box 845,

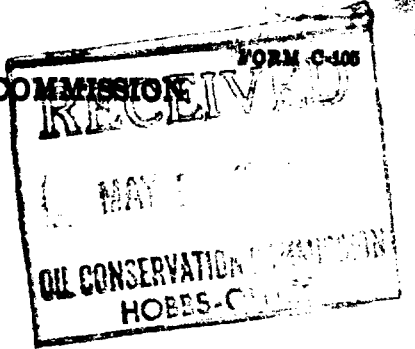
Roswell, New Mexico

8-37-8 N.

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-105

Santa Fe, New Mexico



Grid for well location with 'DUPLICATE' stamp and handwritten '1' and '25'.

DUPLICATE

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES LOCATE WELL CORRECTLY

Shell Oil Company

Priest

Well No. 1 in 34 1/4 NW 1/4 of Sec. 1, T. 15-S, R. 17-E, N. M. P. M., Denton Field, Lea County.

Well is 1900 feet south of the North line and 4620 feet west of the East line of Section 1

If State land the oil and gas lease is No. - Assignment No. -

If patented land the owner is David Address -

If Government land the permittee is - Address -

The Lessee is Shell Oil Company et al Address Box 1957, Hobbs, N.M.

Drilling commenced 11-28 19 51 Drilling was completed 4-21 19 52

Name of drilling contractor Brown Drilling Co. Address Ft. Worth, Texas

Elevation above sea level at top of casing 3796 feet.

The information given is to be kept confidential until No Confidential 19

OIL SANDS OR ZONES

No. 1, from 9255' to 9400' No. 4, from - to -

No. 2, from 12,450' to 12,675' No. 5, from - to -

No. 3, from - to - No. 6, from - to -

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from - to -

No. 2, from - to - feet.

No. 3, from - to - feet.

No. 4, from - to - feet.

ILLEGIBLE

CASING RECORD

Table with columns: SIZE, WEIGHT PER FOOT, THREADS PER INCH, MAKE, AMOUNT, KIND OF SHOE, CUT & FILLED FROM, PERFORATED FROM TO, PURPOSE. Rows include surface string, water string, oil string, and tubing string.

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|---------------------|--------------------|
| 17-1/4 | 13-3/8 | 350' | 300 | Pump & Plug | Cemented to surface | |
| 11 | 8-5/8 | 4750' | 3500 | Pump & Plug | Cemented to surface | |
| 7-9/16 | 5-1/2 | 12,476' | 1150 | Pump & Plug | | |

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth Set _____
 Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE | SHELL USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY | DATE | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|-------------|------------|----------------------------|----------|------|-----------------------|-------------------|
| <u>None</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Results of shooting or chemical treatment _____
None

RECORD OF DRILL-STEM AND SPECIAL TESTS See reverse side

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 12,673 feet, and from _____ feet to _____ feet.
 Cable tools were used from - feet to - feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing 4-24, 19 52
 The production of the first 24 hours was 690 barrels of fluid of which 99.8 % was oil; 0 % emulsion; 0 % water; and 0.2 % sediment. Gravity, Be. 66.4 API

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____ **CCR 792**
Rated 24 hrs. potential based on flow of 325 bbls. oil in 12 hrs.

EMPLOYEES

F. L. Webb Driller Ray Lynch Driller
L. W. Gibbins Driller _____ Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

ILLEGIBLE

Hobbs, N.M. 5-1-52
 Place Date
 Name J. D. Savage ORIGINAL SIGNED BY
J. D. SAVAGE
 Position Division Exploitation Engineer
 Representing Shell Oil Co.
 Company or Operator.
 Address Box 1957, Hobbs, New Mexico

This document, when Form C-104 is approved before this form can be approved and an initial allowable be assigned to any completed oil or gas well.

DUPLICATE

RECEIVED
MAY 1 1952
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL**

Company or Operator Shell Oil Company Lease Priest

Address Box 197, Hobbs, New Mexico Box 1509, Midland, Texas
(Local or Field Office) (Principal Place of Business)

Unit 2 Well No. 1 Sec. 1 T. 15-S R. 37-E Pool Denton County Lee

Kind of Lease Patented Location of Tanks West half of lease

Transporter Service Pipe Line Address of Transporter Box 38, Denver City, Texas
(Local or Field Office)

Box 337, Midland, Texas Percent of oil to be transported 100% Other transporters authorized
(Principal Place of Business)

to transport oil from this unit are None %

REMARKS:

New completion. Allowable to date from 4-24-52.

ILLEGIBLE

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 1st day of May, 1952

ORIGINAL SIGNED BY
J. D. SAVAGE

Shell Oil Company
(Company or Operator)

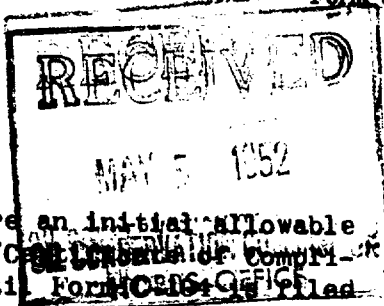
By J. D. Savage

Title Division Exploitation Engineer

Approved: May - 5, 1952

OIL CONSERVATION COMMISSION
By Ray O. Yackrawick
Oil. Gas Inspector

CONSERVATION COMMISSION
Santa Fe, New Mexico



DUPLICATE

REQUEST FOR (OIL)-(GAS) ALLOWABLE

It is necessary that this form be submitted by the operator before an initial allowable will be assigned to any completed oil or gas well. Form C-110 (Certificate of Completion, Proration and Authorization to Transport Oil) will not be approved until Form C-104 is filed with the Commission. Form C-104 is to be submitted in triplicate to the office to which Form C-101 was sent. Two copies will be retained there and the other submitted to the Proration Office, Hobbs, New Mexico. The allowable will be assigned effective 7:00 a.m. on date of completion, provided completion report is filed during month of completion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 P.B. at 60° Fahrenheit.

Hobbs, New Mexico Place May 1, 1952 Date

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Shell Oil Company Company of Operator Priest Lease Well No. 1 in SW 1/4 SW 1/4 section 1, T15-S, R. 37-E, N.M.P.M. Denton Pool Lee County

Please indicate location: Elevation 3808 Spudded 11-22-51 Completed 4-24-52

2-37-E

| | | | |
|---|--------|--|--|
| | | | |
| | | | |
| X | | | |
| | Sec. 1 | | |
| | | | |
| | | | |

Total Depth 12,675 P.B. _____
Top Oil ~~Allow~~ Pay 12,450 Top Water Pay _____
Initial Production Test: Pump _____ Flow 620 (BOPD ~~_____~~)
Based on 325 Bbls. Oil in 12 Hrs. 0 Mins.
Method of Test (~~_____~~): Tanks
Size of choke in inches 16/64"
Tubing (Size) 2-3/8" SB @ 12,672' Feet
Pressures: Tubing 1250 Casing 1300
Gas/Oil Ratio 792 Gravity 46.6° API
Casing Perforations: _____

Unit letter: E

Casing & Cementing Record

| Size | Feet | Sax |
|---------------|---------------|-------------|
| <u>13-3/8</u> | <u>353</u> | <u>300</u> |
| <u>8-5/8</u> | <u>4750</u> | <u>3500</u> |
| <u>5-1/2</u> | <u>12,476</u> | <u>1150</u> |
| | | |

Acid Record: _____ Show of Oil, Gas and water _____
_____ Gals _____ to _____ S/ _____
_____ Gals _____ to _____ S/ _____
_____ Gals _____ to _____ S/ _____
Shooting Record. _____ S/ _____
_____ Qts _____ to _____ S/ _____
_____ Qts _____ to _____ S/ _____
_____ Qts _____ to _____ S/ _____
Natural Production Test: _____ Pumping _____ Flowing _____
Test after acid or shot: _____ Pumping _____ Flowing _____

Please indicate below Formation Tops (in conformance with geographical section of state):

| Southeastern New Mexico | | Northwestern New Mexico | |
|------------------------------------|---------------------------------------|-----------------------------|--|
| T. Anhy _____ | T. Devonian <u>12,450' (-4642')</u> | T. Ojo Alamo _____ | |
| T. Salt _____ | T. Silurian _____ | T. Kirtland-Fruitland _____ | |
| B. Salt _____ | T. Montoya _____ | T. Farmington _____ | |
| T. Yates _____ | T. Simpson _____ | T. Pictured Cliffs _____ | |
| T. 7 Rivers _____ | T. McKee _____ | T. Cliff House _____ | |
| T. Queen _____ | T. Ellenburger _____ | T. Menefee _____ | |
| T. Grayburg _____ | T. Gr. Wash _____ | T. Point Lookout _____ | |
| T. San Andres _____ | T. Granite _____ | T. Mancos _____ | |
| T. Glorieta <u>6,275' (-2467')</u> | T. Wolfcamp <u>14m 9273' (-5465')</u> | Dakota _____ | |
| T. Drinkard _____ | T. _____ | T. Morrison _____ | |
| T. Tubbs <u>7,425' (-3617')</u> | T. _____ | T. Penn _____ | |
| T. Abo <u>8,106' (-4298')</u> | T. _____ | T. _____ | |
| T. Penn _____ | T. _____ | T. _____ | |
| T. Miss <u>11,554' (-7746')</u> | T. _____ | T. _____ | |

ILLEGIBLE

Date first oil run to tanks or gas to pipe line: 6-26-52

Pipe line taking oil or gas: Service Pipe Line

Remarks: Now Completion

ILLEGIBLE

Shell Oil Company

Company or Operator

By: J. D. Savage ORIGINAL SIGNED BY
Signature J. D. SAVAGE

Position: Division Legislation Engineer

Send communications regarding well to:

Name: Shell Oil Company

Address: Box 1977, Hobbs, New Mexico

APPROVED mpy - 5 .1952

OIL CONSERVATION COMMISSION

By: Roy Yackrough

Title: _____

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED
APR 27 1952
OIL CONSERVATION COMMISSION
HOBBBS OFFICE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of casing shut off, result of plugging of well, and other important operations, even though the work was supervised by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

| | | | |
|--|---|--|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL | | REPORT ON PULLING OR OTHERWISE ALTERING CASING | |
| REPORT ON RESULT OF TEST OF CASING SHUT-OFF | X | REPORT ON DEEPENING WELL | |
| REPORT ON RESULT OF PLUGGING OF WELL | | | |

April 28, 1952
Date

Hobbs, New Mexico
Place

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company
Company or Operator

Priest
Lease

Well No. 1 in the

SW/4 of NW/4 of Sec. 1, T. 15-N, R. 37-E, N. M. P. M.,
Denton Pool, Lea County.

The dates of this work were as follows: April 25, 1952

Notice of intention to do the work was (~~was~~) submitted on Form C-102 on April 25, 1952, and approval of the proposed plan was (~~was~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

After WOC 72 hours tested 5 1/2" casing and cement with 1500 psi for 30 minutes before drilling plug. Test OK.

Witnessed by H. G. Starling
Name

Shell Oil Company
Company

Production Foreman
Title

APPROVED:
OIL CONSERVATION COMMISSION

R. S. Blyman
Name

Engineer/District I
Title

APR 29 1952
Date

I hereby swear or affirm that the information given above is true and correct.

Name L. E. Slagle L. E. Slagle

Position Division Mechanical Engineer

Representing Shell Oil Company
Company or Operator

Address Box 1957, Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

RECEIVED

APR 29 1952

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan must be approved in the Rules and Regulations of the Commission. and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

| | | | |
|---|-------------------------------------|---|--|
| NOTICE OF INTENTION TO TEST CASING SHUT-OFF | <input checked="" type="checkbox"/> | NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL | |
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING | |
| NOTICE OF INTENTION TO REPAIR WELL | | NOTICE OF INTENTION TO PLUG WELL | |
| NOTICE OF INTENTION TO DEEPEN WELL | | | |

Hobbs, New Mexico
Place

April 25, 1952
Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Shell Oil Company Priest Well No. 1 in SW/4 of NW/4
Company or Operator Lease
of Sec. 1, T. 15-N, R. 37-E, N. M. P. M. Denton Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Ran 5 1/2" casing and cemented at 12,476 feet with 600 sacks 4% gel, 150 sacks perlite, and 400 sacks neat. Plug down 5:20 AM 4-25-52. After WOC 48 hours will test casing.

Approved APR 29 1952, 19____
except at follows:

Shell Oil Company
Company or Operator

By L. E. Slagle L. E. Slagle
Position Division Mechanical Engineer
Send communications regarding well to

Name Shell Oil Company

Address Box 1957

Hobbs, New Mexico

OIL CONSERVATION COMMISSION,
By R. S. Blyman
Title Engineer District 1

JW

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

| | | | |
|--|---|--|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL | | REPORT ON PULLING OR OTHERWISE ALTERING CASING | |
| REPORT ON RESULT OF TEST OF CASING SHUT-OFF | X | REPORT ON DEEPENING WELL | |
| REPORT ON RESULT OF PLUGGING OF WELL | | | |

December 17, 1951 Hobbs, New Mexico
Date Place

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company Company or Operator Well No. 1 in the
 Lease Priest
 of Sec. 1, T. 15-S, R. 37-E, N. M. P. M.,
 Denton Pool Lea County.

The dates of this work were as follows: December 15, 1951

Notice of intention to do the work was ~~received~~ submitted on Form C-102 on December 13, 19 51
 and approval of the proposed plan was ~~received~~ obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

After WOC 36 hrs. tested 8-5/8" casing with 1000 psi for 30 min.
 before and after drilling plug. Test Ok.

Witnessed by H. G. Starling Shell Oil Company Production Foreman
Name Company Title

APPROVED:
 OIL CONSERVATION COMMISSION

Noel Yankrough Name
 Oil & Gas Inspector Title
 DEC 18 1951 Date

I hereby swear or affirm that the information given above is true and correct.

Name L. E. Slagle
 Position Division Mechanical Engineer
 Representing Shell Oil Company
Company or Operator
 Address Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

DUPLICATE

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

| | | | |
|---|-------------------------------------|---|--|
| NOTICE OF INTENTION TO TEST CASING SHUT-OFF | <input checked="" type="checkbox"/> | NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL | |
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING | |
| NOTICE OF INTENTION TO REPAIR WELL | | NOTICE OF INTENTION TO PLUG WELL | |
| NOTICE OF INTENTION TO DEEPEN WELL | | | |

Hobbs, New Mexico Place December 13, 1951 Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____

Shell Oil Company Company or Operator Priest Lease Well No. 1 in _____
of Sec. 1, T. 15-S, R. 37-N, N. M. P. M., Denton Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Run 8-5/8" casing and cemented at 4750' with 3000 sacks of 4/8 gal and 500 sacks of neat. Circulated out 60 sacks of cement. Plug down at 1:10 AM 12-13-51. After WOC 36 hrs. will test casing.

Approved _____, 19____
except at follows:

Shell Oil Company
Company or Operator

By L. E. Slagle

Position Division Mechanical Engineer
Send communications regarding well to

Name Shell Oil Company

Address Box 1957

Hobbs, New Mexico

OIL CONSERVATION COMMISSION,

By Roy Garberough

Title _____

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED
DEC 5 1951
OIL CONSERVATION COMMISSION
HOBBS OFFICE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

| | | | |
|--|----------|--|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL | | REPORT ON PULLING OR OTHERWISE ALTERING CASING | |
| REPORT ON RESULT OF TEST OF CASING SHUT-OFF | X | REPORT ON DEEPENING WELL | |
| REPORT ON RESULT OF PLUGGING OF WELL | | | |

December 3, 1951

Hobbs, New Mexico

Date

Place

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company

Priest

Well No. 1

in the

Company or Operator

Lease

of Sec. 1

T. 15-S

R. 37-E

N. M. P. M.

Denton

Pool Lea

County.

The dates of this work were as follows:

December 2, 1951

Notice of intention to do the work was ~~received~~ submitted on Form C-102 on November 30, 1951, and approval of the proposed plan was ~~received~~ obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

After WOC 24 hrs. tested 13-3/8" casing before and after drilling plug with 300 psi for 30 min. Test OK.

Witnessed by H. G. Starling
Name

Shell Oil Company Production Foreman
Company Title *JW*

APPROVED:
OIL CONSERVATION COMMISSION
Roy Yankrough
Oil & Gas Inspector Name
DEC 5 1951 Title
Date

I hereby swear or affirm that the information given above is true and correct.
Name L. E. Slagle *L. E. Slagle*
Position Division Mechanical Engineer
Representing Shell Oil Company
Company or Operator
Address Box 1957, Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

Form O-103
RECEIVED
DEC 5 1951
OIL CONSERVATION COMMISSION
HOBBS, N.M.

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

| | | | |
|--|-------------------------------------|--|--------------------------|
| REPORT ON BEGINNING DRILLING OPERATIONS | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | <input type="checkbox"/> |
| REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL | <input type="checkbox"/> | REPORT ON PULLING OR OTHERWISE ALTERING CASING | <input type="checkbox"/> |
| REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input type="checkbox"/> | REPORT ON DEEPENING WELL | <input type="checkbox"/> |
| REPORT ON RESULT OF PLUGGING OF WELL | <input type="checkbox"/> | | <input type="checkbox"/> |

November 29, 1951
Date

Hobbs, New Mexico
Place

Following is a report on the work done and the results obtained under the heading noted above at the _____

Shell Oil Company
Company of Operator
Priest
Lease
Well No. 1
in the
of Sec. 1, T. 15-S, R. 37-E, N. M. P. M.,
Denton
Pool
Lea
County.

The dates of this work were as follows: November 28, 1951

Notice of intention to do the work was ~~(was not)~~ submitted on Form C-102 on November 2, 1951, and approval of the proposed plan was ~~(was not)~~ obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spudded 10:00 PM 11-28-1951.

ILLEGIBLE

Witnessed by H. G. Starling
Name
Shell Oil Company
Company
Production Foreman
Title

APPROVED:
OIL CONSERVATION COMMISSION

Ray Yuhrough
Name
Oil & Gas Inspector
Title
DEC 5 1951
Date

I hereby swear or affirm that the information given above is true and correct.

Name L. E. Slagle
Position Division Mechanical Engineer
Representing Shell Oil Company
Company of Operator
Address Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

DUPLICATE

MISCELLANEOUS NOTICES

RECEIVED
DEC 5 1951
OIL CONSERVATION COMMISSION
HOBBS OFFICE

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

| | | | |
|---|-------------------------------------|---|--|
| NOTICE OF INTENTION TO TEST CASING SHUT-OFF | <input checked="" type="checkbox"/> | NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL | |
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING | |
| NOTICE OF INTENTION TO REPAIR WELL | | NOTICE OF INTENTION TO PLUG WELL | |
| NOTICE OF INTENTION TO DEEPEN WELL | | | |

Hobbs, New Mexico

November 30, 1951

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____

Shell Oil Company

Priest

Well No. 1 in _____

Company or Operator

Lease

of Sec. 1, T. 15-S, R. 37-E, N. M. P. M., Denton Field.

Lea

County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Ran 13-3/8" casing and cemented at 353' with 300 sacks of regular cement. Did not circulate cement. After WOC 12 hrs. ran 1" in annulus and spotted 25 sacks of cement, filled to surface. Plug down 5:45 AM 11-30-51. After WOC 24 hrs. will test casing.

ILLEGIBLE

Approved DEC 5 1951, 19____
except at follows:

Shell Oil Company
Company or Operator

By L. E. Slagle

Position Division Mechanical Engineer
Send communications regarding well to

Name Shell Oil Company

Address Box 1957

Hobbs, New Mexico

OIL CONSERVATION COMMISSION,

By Roy Yunkerrough
Title Oil & Gas Inspector

NEW MEXICO OIL CONSERVATION COMMISSION

DUPLICATE

NOTICE OF INTENTION TO DRILL

RECEIVED

NOV -5

See Rules 101 and 1104.

If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval.

OIL CONSERVATION
HOBSBS-C

Hobbs, New Mexico

Place

November 2,

Date

Notice hereby is given that it is our intention to commence the drilling of a well to be known as

Shell Oil Company et al

Priest

well No. 1

in

Company of Operator

Lease

of Sec. 1, T. 15-S, R. 37-E, N. M. P. M. Denton Pool, Lea Count

The well is 1900 feet from (N.) () line and 660 feet from

() (W.) line of the above section.

(Give location from section lines. Cross out wrong directions.)

If state land the oil and gas lease is No. - Assignment No. -

If patented land the owner is Priest

Address

If government land the permittee is -

Address

The lessee is Shell Oil Company et al

Address Box 1957, Hobbs, New Mexico

We propose to drill well with drilling equipment as follows:

Rotary Tools

The status of a bond for this well in conformance with Rule 101 of the General Rules and Regulations of the Commission is follows: Blanket Bond

We propose to use the following strings of casing and to land or cement them as indicated:

| Size of Hole | Size of Casing | Weight Per Foot | New or Second Hand | Depth | Landed or Cemented | Feet Cement |
|--------------|----------------|-----------------|--------------------|---------|--------------------|-------------|
| 17-1/4" | 13-3/8" | 48# | New | 350' | Cemented | 300 |
| 11" | 8-5/8" | 32# | New | 4730' | Cemented | 3500 |
| 7-7/8" | 5-1/2" | 20# & 17# | New | 12,675' | Cemented | 1190 |

If changes in the above plans become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 12,160 feet.

Additional information:

ILLEGIBLE

Approved NOV 5 1951, 19

except as follows:

Shell Oil Company

Company or Operator

By F. Falcon

Position Dirn. Prod. Geol.

Send communications regarding well to:

Name Shell Oil Company

Address Box 1957, Hobbs, New Mexico

OIL CONSERVATION COMMISSION,

By

Title

[Signature]
[Signature]

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

30-025-05118

| |
|---|
| WELL API NO. |
| 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No. --- |
| 7. Lease Name or Unit Agreement Name Buckley "A" |
| 8. Well No. 1 |
| 9. Pool name or Wildcat Denton Devonian |

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. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER |
| 2. Name of Operator Polaris Production Corp. |
| 3. Address of Operator P. O. Box 1749, Midland, TX 79702 |
| 4. Well Location Unit Letter <u>M</u> : <u>330</u> Feet From The <u>South</u> Line and <u>330</u> Feet From The <u>West</u> Line Section <u>25</u> Township <u>14 South</u> Range <u>37 East</u> NMPM Lea County |

| |
|--|
| 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3820' DF |
|--|

11. 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 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"/> | | CASING TEST AND CEMENT JOB <input type="checkbox"/> | |
| OTHER: _____ <input type="checkbox"/> | | OTHER: <u>Returned to production</u> <input checked="" type="checkbox"/> | |

12. 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.

1-10-90 No change in equipment conditions, opened well to flow.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE Nancy Stacks TITLE Agent DATE 2-23-90
TYPE OR PRINT NAME Nancy Stacks TELEPHONE NO. 915 684-8248

(This space for State Use)
APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON TITLE _____ DATE FEB 27 1990
DISTRICT I SUPERVISOR
CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

**REQUEST FOR ALLOWABLE AND AUTHORIZATION
 TO TRANSPORT OIL AND NATURAL GAS**

I.

| | |
|---|---|
| Operator Polaris Production Corp. | Well API No. |
| Address P. O. Box 1749, Midland, Texas 79702 | |
| Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain) | |
| New Well <input type="checkbox"/> | Change in Transporter of: |
| Recompletion <input type="checkbox"/> | Oil <input checked="" type="checkbox"/> Dry Gas <input type="checkbox"/> |
| Change in Operator <input type="checkbox"/> | Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> |

If change of operator give name and address of previous operator _____

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|---|----------------------|--|--|-----------|
| Lease Name Buckley "A" | Well No. 1 | Pool Name, Including Formation Denton Devonian | Kind of Lease State, Federal or Fee | Lease No. |
| Location Unit Letter M : 330 Feet From The South Line and 330 Feet From The West Line Section 25 Township 14 South Range 37 East , NMPM, Lea 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"/> Pride Pipeline Company | Address (Give address to which approved copy of this form is to be sent) P. O. Box 2436, Abilene, TX 79604 |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> J. L. Davis | Address (Give address to which approved copy of this form is to be sent) 211 N. Colorado, Midland, TX 79701 |
| If well produces oil or liquids, give location of tanks. | Unit Sec. Twp. Rge. Is gas actually connected? When ? M 25 14 37 Yes Unknown |

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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v | Diff Res'v |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | |
| Perforations | | | | | | Depth Casing Shoe | | |
| TUBING, CASING AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | | SACKS CEMENT | | |
| | | | | | | | | |
| | | | | | | | | |

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 Tank | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil - Bbls. | Water - Bbls. | Gas- MCF |

GAS WELL

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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


 Signature _____
 Printed Name **Nancy Stacks** Agent Title _____
 Date **1-1-90** Telephone No. **(915) 684-8248**

OIL CONSERVATION DIVISION

Date Approved **JAN 08 1990**

By **Paul Kautz** Orig. Signed by
 Geologist

Title _____

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

| | | |
|------------------------|-----|--|
| NO. OF COPIES RECEIVED | | |
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| SANTA FE | | |
| FILE | | |
| U.S.G.S. | | |
| LAND OFFICE | | |
| TRANSPORTER | OIL | |
| | GAS | |
| OPERATOR | | |
| PRORATION OFFICE | | |

**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-11
Effective 1-1-65

I. Operator
 Operator: Polaris Production Corp.
 Address: P. O. Box 1703, Midland, Texas 79701
 Reason(s) for filing (Check proper box):
 New Well Change in Transporter of:
 Recompletion Oil Dry Gas
 Change in Ownership Casinghead Gas Condensate **Change in Operator**

If change of ownership give name and address of previous owner: Shell Oil Company, P. O. Box 1509, Midland, Texas 79701

II. DESCRIPTION OF WELL AND LEASE

| | | | | | |
|---|----------------------|--|--|-----|-----------|
| Lease Name <u>Buckley "A"</u> | Well No. <u>1</u> | Pool Name, including Formation <u>Denton Devonian</u> | Kind of Lease State, Federal or Fee | Fee | Lease No. |
| Location Unit Letter <u>M</u> ; <u>330</u> Feet From The <u>South</u> Line and <u>330</u> Feet From The <u>West</u> Line of Section <u>25</u> Township <u>14 South</u> Range <u>37 East</u> , NMPM, <u>Lea</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"/> <u>Amoco Production Co.</u> | Address (Give address to which approved copy of this form is to be sent) <u>P. O. Box 1725, Midland, Texas 79701</u> | | | | |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <u>Tipperary Corp.</u> | Address (Give address to which approved copy of this form is to be sent) <u>229 Western United Life Bldg., Midland, Tx 79701</u> | | | | |
| If well produces oil or liquids, give location of tanks. | Unit <u>M</u> | Sec. <u>25</u> | Twp. <u>14</u> | Rge. <u>37</u> | Is gas actually connected? When <u>Yes</u> <u>Unknown</u> |

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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Resrv. | Diff. Resrv. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | P.B.T.D. | | | |
| Perforations | Name of Producing Formation | | Top Oil/Gas Pay | | Tubing Depth | | | |
| Perforations | | Depth Casing Shoe | | | | | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | SACKS CEMENT | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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 | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbls. | Gas-MCF |

WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, 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.

Davis Payne (Signature)
 Davis Payne (Title)
 12-31-73 (Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19____
 BY Joe D. Ramey Orig. Signed by
 Dist. I. Supt.

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 only Sections I, II, III, and VI 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 multiple completed wells.

| | |
|------------------------|-----|
| NO. OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | |
| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| OPERATOR | |
| PRORATION OFFICE | |

**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

Operator **Shell Oil Company**
 Address **P. O. Box 1509, Midland, Texas 79701**
 Reason(s) for filing (Check proper box)
 New Well Change in Transporter of:
 Recompletion Oil Dry Gas
 Change in Ownership Casinghead Gas Condensate **Effective May 1, 1970**
 Other (Please explain)

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

| | | | | | |
|--|----------------------|--|--|-----|-----------|
| Lease Name Buckley A | Well No. 1 | Pool Name, including Formation Denton Devonian | Kind of Lease State, Federal or Fee | Fee | Lease No. |
| Location Unit Letter M ; 330 Feet From The south Line and 330 Feet From The west Line of Section 25 Township 14-S Range 37-E , NMPM, Lea 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"/> Amoco Pipe Line Co. | Address (Give address to which approved copy of this form is to be sent) P.O. Box 1088, Lovington, New Mexico 88260 |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Tipperary Resources Corp. | Address (Give address to which approved copy of this form is to be sent) 500 West Illinois, Midland, Texas 79701 |
| If well produces oil or liquids, give location of tanks. Unit M Sec. 25 Twp. 14 Rge. 37 | Is gas actually connected? 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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | |
| Perforations | | | | | | Depth Casing Shoe | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | | SACKS CEMENT | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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 | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil - Bbls. | Water - Bbls. | Gas - MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test - MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, 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.

L. S. Mitchell L. S. Mitchell
 (Signature)
 Division Production Superintendent
 (Title)
 June 24, 1970
 (Date)

OIL CONSERVATION COMMISSION
 APPROVED **JUL 8 1970**, 19____
 BY **[Signature]**
 TITLE **SUPERVISOR DISTRICT**

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 only Sections I, II, III, and VI 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 multiply completed wells.

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLSHOBBS OFFICE OCC

(Submit to appropriate District Office as per Commission Rule 1106)

1960 FEB 8 AM 7:29

| | | | | | | | |
|---|--------------------------------|--|----------------------|------------------------|---------------------|--|--|
| Name of Company Shell Oil Company | | Address Box 845, Roswell, New Mexico | | | | | |
| Lease Buckley A | Well No. 1 | Unit Letter M | Section 25 | Township 14S | Range 37E | | |
| Date Work Performed 1-18-60 thru 2-1-60 | Pool Denton-Devenian | | | County Lea | | | |

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

1. Pulled rods, pump & tubing.
2. Ran GR/CCL Survey 11,850' - 12,278'.
3. Perforated 12,188' - 12,202', 12,208' - 12,224', 12,258' - 12,270' w/2 jet shots per foot.
4. Set retrievable BP 12,272' - 12,274'. Ran tubing w/hookwall packer @ 12,238'.
5. Treated w/1000 gallons 15% HCA & 3000 gallons 15% NE acid in 2 stages.
6. Reset hookwall packer @ 12,205'.
7. Treated perforations 12,208' - 12,224' w/500 gallons 15% HCA & 500 Gallons 15% NE Acid.
8. Pulled tubing, packer & bridge plug.
9. Ran 70 jts. (2185') 2" tubing & 325 jts. (10,087') 2 1/2" tubing & hung @ 12,272'. Sweet hookwall packer @ 12,270'.
10. Reran pump & rods & recovered load.
11. In 24 hours pumped 258 BO, out 0.1% BS, w/7 1/2-14' SPM.

| | | |
|---------------------------------------|---------------------------------------|-------------------------------------|
| Witnessed by H. G. Starling | Position Production Foreman | Company Shell Oil Company |
|---------------------------------------|---------------------------------------|-------------------------------------|

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

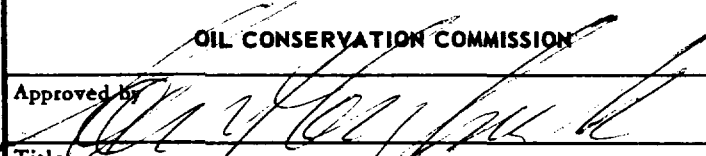
ORIGINAL WELL DATA

| | | | | |
|------------------------------------|--------------------------------|--------------------------------------|--|------------------------------------|
| D F Elev. 3820' | TD 12,595' | PBTD - | Producing Interval 12,281' - 12,595' | Completion Date 11-18-53 |
| Tubing Diameter 2 1/2" | Tubing Depth 10,061' | Oil String Diameter 5 1/2" | Oil String Depth 12,281' | |
| Perforated Interval(s) - | | | | |

| | |
|--|---|
| Open Hole Interval 12,281' - 12,595' | Producing Formation(s) Devenian |
|--|---|

RESULTS OF WORKOVER

| Test | Date of Test | Oil Production BPD | Gas Production MCFPD | Water Production BPD | GOR Cubic feet/Bbl | Gas Well Potential MCFPD |
|-----------------|----------------|--------------------|----------------------|----------------------|--------------------|--------------------------|
| Before Workover | 12-1-59 | 158 | 139.9 | 80 | 886 | - |
| After Workover | 2-1-60 | 258 | 238.3 | 0 | 924 | - |

| | | | |
|---|---|---|--|
| OIL CONSERVATION COMMISSION | | I hereby certify that the information given above is true and complete to the best of my knowledge. | |
| Approved by  | Name R. A. Lowery | Original Signed By R. A. LOWERY | |
| Title Engineer District 7 | Position District Exploitation Engineer | | |
| Date FEB 8 1960 | Company Shell Oil Company | | |

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS NOTICES

1960 JAN 18 AM 8:40

Submit this notice in **TRIPPLICATE** to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|----------|---|----------|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | | NOTICE OF INTENTION TO ACIDIZE | X | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | X | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Roswell, New Mexico
(Place)

January 15, 1960
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Shell Oil Company Buckley A Well No. 1 in M
 (Company or Operator) Lease (Unit)

SW 1/4 SW 1/4 of Sec. 25, T-14-S, R-37-E, NMPM, Denton-Devonian Pool
 (40-acre Subdivision)

Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

PROPOSED OPERATION:

1. Perforate additional intervals 12,188' - 12,202', 12,208' - 12,224', & 12,258' - 12,270' w/2-1/2" jet shots per foot.
2. Run tubing w/hoopwall packer & retrievable bridge plug. Set bridge plug at 12,274' - 12,280' & packer 12,245'±. Swab test below packer. Treat w/2000 gallons 15% acid & swab test.
3. Move retrievable bridge plug to 12,240'± and set packer above 12,180'. Swab test. Treat w/4000 gallons 15% acid & swab test.
4. If tests are satisfactory, pull tubing w/packer and bridge plug. Rerun tubing w/pump and rods and place on production.

JAN 15 1960

Approved....., 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION

By [Signature]

Title Engineer District 1

Shell Oil Company
Company or Operator

Original Signed By
By R. A. Lowery R. A. LOWERY

Position District Exploitation Engineer
Send Communications regarding well to:

Name Shell Oil Company

Address Box 845, Roswell, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

HOBBS OFFICE REC
1954 OCT 25 PM 2:23

It is necessary that Form C-101 be approved before this form can be approved an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator Shell Oil Company Lease Block A
Address Box 2972, Hobbs, New Mexico (Local or Field Office) Box 2972, Hobbs, New Mexico (Principal Place of Business)
Unit 1, Well(s) No. 1, Sec. 10, T. 14S, R. 20E, Pool Block
County Lea Kind of Lease: Leasehold

If Oil well Location of Tanks Block A
Authorized Transporter Atlantic Refining Co. Address of Transporter Box 674, Livingston, New Mexico
(Local or Field Office) (Principal Place of Business)

Per cent of Oil Natural Gas to be Transported 100 Other Transporters authorized to transport Oil or Natural Gas from this unit are None

REASON FOR FILING: (Please check proper box)

- NEW WELL CHANGE IN OWNERSHIP
- CHANGE IN TRANSPORTER OTHER (Explain under Remarks)

REMARKS:

This report covers mingled gas production on the above lease in accordance with Commission Order 2-24-4, Paragraph 2, Rule 1109, Section (1)

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 25th day of October 1954

Approved NOV 15 1954, 19

OIL CONSERVATION COMMISSION

By S. J. STANLEY

Title ENGINEER-DIST.

Shell Oil Company

Original signed by D. H. TRAHAN

By D. H. Trahan

Title Mingled Production Representative

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico **HOBBS OFFICE OCC**

It is necessary that Form C-104 be approved before this form can be approved an an *initial* allowable be assigned to any completed Oil or Gas well. Submit this form in **QUADRUPLICATE**.

1954 MAR 26 PM 3:15

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator Shell Oil Company Lease Truckley A

Address Box 1927, Hobbs, New Mexico Box 1509, Midland, Texas
(Local or Field Office) (Principal Place of Business)

Unit N, Well No. 1, Sec. 23, T. -14-S, R. -27-E, Pool Denton

County Leon Kind of Lease: Patented

If Oil well Location of Tanks

Authorized Transporter Atlantic Refining Company Address of Transporter

Box 696, Irvington, New Mexico
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas from this unit are None

REASON FOR FILING: (Please check proper box)

- NEW WELL CHANGE IN OWNERSHIP
- CHANGE IN TRANSPORTER OTHER (Explain under Remarks)

REMARKS:

This report covers casinghead gas production on the above lease in accordance with Commission Order R-98-1, Paragraph 9, Rule 1109, Section (A).

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 24th day of March, 1954

Approved MAR 20 1954, 1954

OIL CONSERVATION COMMISSION

By S. J. STANLEY
Title Engineer District 1

Shell Oil Company
By B. Nevill Original signed by B. Nevill
Title Division Exploitation Engineer

REPORT OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 12,595 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing November 18, 1953

OIL WELL: The production during the first 24 hours was 644 barrels of liquid of which 99.6% was oil; _____% was emulsion; _____% water; and 0.4% was sediment. A.P.I.

Gravity 46 degrees 60R 966

GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of liquid Hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

| | | |
|-------------------------------|----------------------------|-----------------------|
| T. Anhy | T. Devonian 12,137 (-5117) | T. Ojo Alamo |
| T. Salt | T. Silurian | T. Kirtland-Fruitland |
| B. Salt | T. Montoya | T. Farmington |
| T. Yates | T. Simpson | T. Pictured Cliffs |
| T. 7 Rivers | T. McKee | T. Menace |
| T. Queen | T. Ellenburger | T. Point Lookout |
| T. Grayburg | T. Gr. Wash | T. Mancos |
| T. San Andres | T. Granite | T. Dakota |
| T. Glorieta 6195 (-2179) | T. Wolfcamp 9210' (-5390) | T. Morrison |
| T. Drinkard 8119 7320 (-3900) | | T. Penn |
| T. Tubbe | | T. |
| T. Abo 8016 (-4196) | | T. |
| T. Penn | | T. |
| T. Miss 11,290 (-7470) | | T. |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|--------|--------|-------------------|------------------------|------|----|-------------------|-----------|
| 0 | 9150 | | No samples taken | | | | |
| 9150 | 9290 | 140 | Dolomite | | | | |
| 9290 | 9310 | 20 | Dolomite & Lime | | | | |
| 9310 | 9460 | 150 | Lime & Dolomite | | | | |
| 9460 | 9860 | 400 | Lime & Sand streaks | | | | |
| 9860 | 9900 | 40 | Dolomite & Lime | | | | |
| 9900 | 10,060 | 160 | Shale & Lime | | | | |
| 10,060 | 10,910 | 850 | Lime & Shale | | | | |
| 10,910 | 11,020 | 110 | Lime | | | | |
| 11,020 | 11,370 | 350 | Lime & Shale | | | | |
| 11,370 | 11,550 | 180 | Lime & Shale | | | | |
| 11,550 | 11,650 | 100 | Lime | | | | |
| 11,650 | 12,040 | 390 | Lime & Shale | | | | |
| 12,040 | 12,145 | 105 | Shale & Dolomite | | | | |
| 12,145 | 12,595 | 450 | Dolomite, Lime & Shale | | | | |

ILLEGIBLE

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

ORIGINAL SIGNED BY
 J. D. SAVAGE

11-20-53

Company or Operator Shell Oil Company
 Name J. D. Savage

Address Box 1957, Hobbs, New Mexico
 Position or Title Division Exploitation Engineer

Attachment for G-105 - Well Record

Shell Buckley A-1

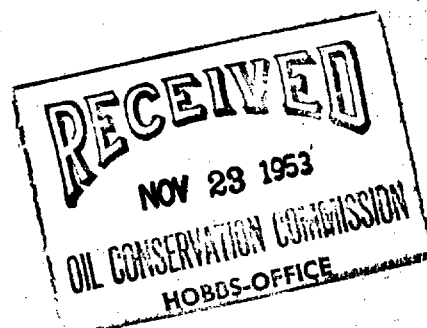
November 20, 1953

TEST #1: 9225-9360 (135' Wolfcamp). Tool open 3 hrs. thru 3/4" DC & 1" TC on 4 1/2" BH. Immediate weak air blow increasing to strong after 20 min. Gas to surface in 1 hr. & 45 min. w/good blow throughout test. Recovered 1000' (10.5 bbls.) very heavily oil & gas cut mud & 170' (0.85 bbls.) mud cut oil - gravity 39° API. FHP 0-425 psi. 30 min. SHHP 3500 psi. HSE 4400 psi. Positive Test.

TEST #2: 10,794-10,980'
(186' Pennsylvanian lime)

Tool open 4 hrs. thru 3/4" DC & 1" TC on 4 1/2" BH. Very strong blow throughout test. Gas to surface in 10 min. w/volume decreasing to TEST @ end of test. Pulled 93 stands & found fluid. Unloaded 1260' (17.5 bbls.) oil - upper portion heavily mud cut. Recovered 500' (2.5 bbls.) oil, cut w/oil-mud emulsion & 640' (4.3 bbls.) salt water. Gravity of oil 40.5°. Top column water titrates 58,000 ppm cl⁻. Bottom column water titrates 81,000 ppm cl⁻. Pit mud filtrate titrates 3000 ppm cl⁻. FHP 500-925 psi. 30 min. SHHP 2375 psi. HSE 5575 psi. Positive Test.

ILLEGIBLE



DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
NOV 23 1953
OIL CONSERVATION COMMISSION
HOBBE OFFICE

It is necessary that Form C-104 be approved before this form can be approved on an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPPLICATE.

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator Shell Oil Company et al Lease Dartley #1

Address Box 1957, Hobbs, New Mexico Box 1909, Midland, Texas
(Local or Field Office) (Principal Place of Business)

Unit N, Well(s) No. 1, Sec. 25, T. 14S, R. 77E, Pool. Danton

County Lea Kind of Lease: Patented

If Oil well Location of Tanks Near center of lease

Authorized Transporter Service Pipe Line Company Amoco Pipeline Co. Address of Transporter
Box 38, Denver City, Texas Box 337, Midland, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100 Other Transporters authorized to transport Oil or Natural Gas from this unit are none

REASON FOR FILING: (Please check proper box)

NEW WELL CHANGE IN OWNERSHIP

CHANGE IN TRANSPORTER OTHER (Explain under Remarks)

REMARKS:

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 20th day of November, 1953

Approved NOV 23 1953, 1953

OIL CONSERVATION COMMISSION

By J. G. Stanley
Title Engineer District 1

By J. D. Savage ORIGINAL SIGNED BY J. D. SAVAGE

Title Division Exploitation Engineer

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico

RECEIVED
 NOV 23 1953
 New Well

REQUEST FOR (OIL) - (GAS) ALLOWABLE

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico **November 20, 1953**
 (Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Shell Oil Company et al **Duckley "A"** Well No. **1** in **SW** **SW**
 (Company or Operator) (Lease) , $\frac{1}{4}$ $\frac{1}{4}$,
M Sec. **25** T. **148** R. **37E** NMPM, **Denton** Pool
 (Unit)
Lea County. Date Spudded **7-31-53** Date Completed **11-18-53**

Please indicate location:

| | | | |
|----------|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| X | | | |
| | | | |
| | | | |

Elevation **3820 LF** Total Depth **12,395** , P.B.

Top oil/gas pay **12,137** Prod. Form **Dewanian**

Casing Perforations: **-** or

Depth to Casing shoe of Prod. String **12,261**

Natural Prod. Test **644** BOPD

based on **322** bbls. Oil in **12** Hrs. **-** Mins.

Test after acid or shot **-** BOPD

Based on **-** bbls. Oil in **-** Hrs. **-** Mins.

Gas Well Potential **-**

Size choke in inches **20/64"**

Date first oil run to tanks or gas to Transmission system: **11-18-53**

Transporter taking Oil or Gas: **Service Pipe Line Company**

Casing and Cementing Record

| Size | Feet | Sax |
|----------------|---------------|-------------|
| 13 3/8" | 373 | 350 |
| 8 5/8" | 4732 | 2500 |
| 5 1/2" | 12,281 | 800 |
| | | |

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.
 Approved **NOV 23 1953** , 19

OIL CONSERVATION COMMISSION
 By: *J.G. Stanley*
 Title **Engineer District I**

Shell Oil Company
 (Company or Operator)
 ORIGINAL SIGNED BY
 By: **J. D. SAVAGE**
 (Signature)
 Title **Division Exploitation Engineer**
 Send Communications regarding well to:
 Name **Shell Oil Company**
 Address **Box 1957, Hobbs, New Mexico**

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
NOV 18 1953
OIL CONSERVATION COMMISSION
HOBBS OFFICE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|-------------------------------------|--------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

November 16, 1953 Hobbs, New Mexico
(Date) (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company

(Company or Operator)

Buckley "A"

(Lease)

Bass Drilling Company

(Contractor)

Well No. 1 in the SW 1/4 SW 1/4 of Sec. 25

T. 14-S, R. 37-E, NMPM, Danton Pool, Lea County.

The Dates of this work were as follows: November 13, 1953

Notice of intention to do the work ~~XXXX~~ (was not) submitted on Form C-102 on _____, 19____
(Cross out incorrect words)

and approval of the proposed plan ~~XXXX~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 12,266' of 5 1/2" casing and cemented at 12,281' with 500 sacks 45 gal and 800 sacks neat cement. Did not circulate. Left 67' cement in casing. After WOC 8 hours ran temperature survey and found top of cement in annulus at 7450'. Stretch test indicated freeze point at 8690'. After WOC 56 hours tested casing and cement with 1500 psi for 30 minutes before and after drilling plug. Test OK.

Witnessed by H. G. Starling Shell Oil Company Production Foreman
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

H. G. Starling
(Name)

Engineer District I

(Title)

NOV 18 1953

(Date)

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

Original signed by

Name F. D. Leigh F. D. Leigh

Position Division Mechanical Engineer

Representing Shell Oil Company

Address Box 1957, Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
AUG 20 1953
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|-------------------------------------|--------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

August 18, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company
(Company or Operator)

Dunkley #A#
(Lease)

Bass Drilling Company
(Contractor)

Well No. 1 in the SW 1/4 SW 1/4 of Sec. 25

T. 14-S, R. 37-E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: August 15, 1953

Notice of intention to do the work (was) submitted on Form C-102 on _____, 19____, and approval of the proposed plan (was) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 4732 feet of 8-5/8" casing and cemented at 4746 feet with 2250 sacks of 4% gel and 250 sacks of neat cement. Circulated out an estimated 400 sacks cement. After WOC 48 hours tested casing and cement with 1000 psi for 30 minutes before and after drilling plug. Test OK.

Witnessed by F. W. Stewart (Name) Shell Oil Company (Company) Drilling Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

F. D. Leigh
(Name)

Engineer District 1
(Title)

AUG 24 1953
(Date)

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

Name: F. D. Leigh
Position: Division Mechanical Engineer
Representing: Shell Oil Company
Address: Box 1957, Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
AUG 5 1953
OIL CONSERVATION COMMISSION
HOBB'S OFFICE

Submit this report in **TRIPLICATE** to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|-------------------------------------|--------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

August 3, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company
(Company or Operator)

Baskley #A
(Lease)

Bass Drilling Company
(Contractor)

Well No. **1** in the **SW** $\frac{1}{4}$ **SW** $\frac{1}{4}$ of Sec. **25**

T. **14-S**, R. **37-E**, NMPM., **Denton** Pool, **Lee** County.

The Dates of this work were as follows: **August 1, 1953**

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____, and approval of the proposed plan ~~was~~ (was not) obtained.
(Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 357' of 13-3/8" casing and cemented at 373' with 350 sacks regular cement. Circulated out an estimated 35 sacks cement. After WOC 18 hours tested casing with 500 psi for 30 minutes. Test OK.

Witnessed by **H. N. Crin** **Shell Oil Company** **Drilling Foreman**
(Name) (Company) (Title)

Approved: **OIL CONSERVATION COMMISSION**

S. J. Stanley
(Name)
Engineer District
(Title)

AUG 5 1953
(Date)

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

Original signed by **F. D. Leigh**
Name: **F. D. Leigh**
Position: **Division Mechanical Engineer**
Representing: **Shell Oil Company**
Address: **Box 1957, Hobbs, New Mexico**

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
AUG 3 1953
OIL CONSERVATION COMMISSION
HOBBS OFFICE

Submit this report in **TRIPLICATE** to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, results of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|-------------------------------------|---|--------------------------|--------------------------|--------------------------|
| REPORT ON BEGINNING DRILLING OPERATIONS | <input checked="" type="checkbox"/> | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input type="checkbox"/> | REPORT ON REPAIRING WELL | <input type="checkbox"/> |
| REPORT ON RESULT OF PLUGGING WELL | <input type="checkbox"/> | REPORT ON RECOMPLETION OPERATION | <input type="checkbox"/> | REPORT ON (Other) | <input type="checkbox"/> |

August 3, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company
(Company or Operator)

Duckley #A
(Lease)

Bass Drilling Company
(Contractor)

Well No. 1 in the SW 1/4 SW 1/4 of Sec. 25

T. 14-S, R. 37-S, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: July 31, 1953

Notice of intention to do the work (was) ~~received~~ submitted on Form C-101 on July 28, 1953, and approval of the proposed plan (was) ~~received~~ obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spudded 6:30 P.M. 7-31-53

Witnessed by H. H. Grim (Name) Shell Oil Company (Company) Drilling Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

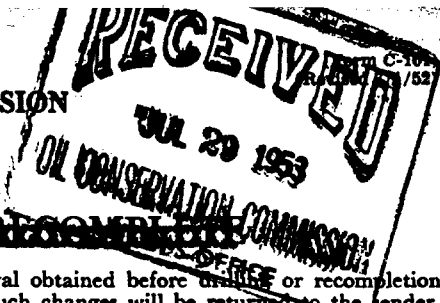
S. J. Stanley
(Name)
Engineer District T
(Title)

ALLC - 1953
(Date)

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

Original signed by
Name F. D. Leigh F. D. Leigh
Position Division Mechanical Engineer
Representing Shell Oil Company
Address Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



DUPLICATE

NOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the tender. Submit this notice in **QUINTUPLICATE**. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Hobbs, New Mexico

July 28, 1953

(Place)

(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (~~Recompletion~~) of a well to be known as

Shell Oil Company

(Company or Operator)

Duckley "A"

(Lease)

Well No. **1**, in **N** (Unit) The well is

located **330** feet from the **south** line and **330** feet from the **west** line of Section **25**, T. **14-S**, R. **37-E**, NMPM.

(GIVE LOCATION FROM SECTION LINE) **Denton** Pool, **Lee** County

R-37-E

| | | | |
|---|---|---|---|
| D | C | B | A |
| E | F | G | H |
| L | K | J | I |
| M | N | O | P |

Section 25

If State Land the Oil and Gas Lease is No.

If patented land the owner is **Foster Petroleum Corp., & J. D. Duckley (et al)**

Address

We propose to drill well with drilling equipment as follows: **Rotary Tools**

14 The status of plugging bond is **Blanket Bond**

8 Drilling Contractor **Dace Drilling Company**

We intend to complete this well in the **Devonian** formation at an approximate depth of **12,660** feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

| Size of Hole | Size of Casing | Weight per Foot | New or Second Hand | Depth | Sacks Cement |
|----------------|----------------|-----------------------|--------------------|----------------|--------------|
| 17 1/4" | 13 3/8" | 484 | new | 350' | 350 |
| 11" | 8 5/8" | 324 | new | 4,780' | 2500 |
| 7 7/8" | 5 1/2" | 15.5 & 174 | new | 12,400' | 800 |

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

ILLEGIBLE

Approved: **JUL 29 1953**, 19.....
Except as follows:

Sincerely yours,

Shell Oil Company
(Company or Operator)

By: **J. D. Savage** *J. D. Savage*

Position: **Division Exploitation Engineer**
Send Communications regarding well to

Name: **Shell Oil Company**

Address: **Box 1957**

Hobbs, New Mexico

OIL CONSERVATION COMMISSION

By: *Roy Yurkovich*

Title: **Oil & Gas Inspector**

| | | |
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| OPERATOR | | |

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.

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- 2. Name of Operator Polaris Production Corp. 3. Address of Operator P. O. Box 1749, Midland, Texas 79701 4. Location of Well UNIT LETTER F 1980 FEET FROM THE North LINE AND 2080 FEET FROM THE West LINE, SECTION 26 TOWNSHIP 14-S RANGE 37-E NMPM. | 7. Unit Agreement Name 8. Farm or Lease Name Shelton 9. Well No. 1 10. Field and Pool, or Wildcat Denton Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3816 DF | 12. County Lea |

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 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 <u>return to production</u> <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> | OTHER <input checked="" 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.

C-116 included herewith

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

SIGNED W.H. Jones TITLE Engineer DATE 11-22-76
 APPROVED BY Jerry Sexton TITLE _____ DATE NOV 24 1976
 CONDITIONS OF APPROVAL, IF ANY: _____

| | | |
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NEW MEXICO OIL CONSERVATION COMMISSION

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

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"/> | 5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> |
| 2. Name of Operator Polaris Production Corp. | 5. State Oil & Gas Lease No. |
| 3. Address of Operator P. O. Box 1749, Midland, Texas 79701 | 7. Unit Agreement Name |
| 4. Location of Well UNIT LETTER F 1980 FEET FROM THE North LINE AND 2080 FEET FROM THE West LINE, SECTION 26 TOWNSHIP 14-S RANGE 37-E NMPM. | 8. Farm or Lease Name Shelton |
| | 9. Well No. 1 |
| | 10. Field and Pool, or Wildcat Denton Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3816' DF | 12. County Lea |

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 JOB <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 1103.

This well is uneconomical to produce at this time.

Expires 10/1/76 (2)

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

SIGNED *William H. Spivey* TITLE Engineer DATE 6-28-76
William H. Spivey
Jerry Sexton
Dist. Comm.

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JUN 30 1976

| | |
|------------------------|-----|
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| U.S.G.S. | |
| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| OPERATOR | |
| PRODUCTION OFFICE | |

**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-105
Effective 1-1-65

Operator Polaris Production Corp.
 Address P. O. Box 1703, Midland, Texas 79701
 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) Change in Operator
 If change of ownership give name and address of previous owner Shell Oil Company, P. O. Box 1509, Midland, Texas 79701

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|---|----------------------|--|--|-----------|
| Lease Name <u>Shelton</u> | Well No. <u>1</u> | Pool Name, including Formation <u>Denton Devonian</u> | Kind of Lease State, Federal or Fee <u>Fee</u> | Lease No. |
| Location Unit Letter <u>F</u> ; <u>1980</u> Feet From The <u>North</u> Line and <u>2080</u> Feet From The <u>West</u> Line of Section <u>26</u> Township <u>14 South</u> Range <u>37 East</u> , NMPM, <u>Lea</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"/> <u>Amoco Production Co.</u> | Address (Give address to which approved copy of this form is to be sent) <u>P. O. Box 1725, Midland, Texas 79701</u> | | | | | |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <u>Tipperary Corp.</u> | Address (Give address to which approved copy of this form is to be sent) <u>229 Western United Life Bldg., Midland, Tx.</u> | | | | | |
| If well produces oil or liquids, give location of tanks. | Unit <u>F</u> | Sec. <u>26</u> | Twp. <u>14</u> | Rge. <u>37</u> | Is gas actually connected? <u>Yes</u> | When <u>Unknown</u> |

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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | P.B.T.D. | | | |
| Elevations (DF, RKB, RT, CR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | Tubing Depth | | | |
| Perforations | | | | | | Depth Casing Shoe | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | SACKS CEMENT | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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 | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbls. | Gas-MCF |
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MCF | Gravity of Condensate |
| 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.

Davis Payne (Signature)
 Davis Payne (Name)
 12-31-73 (Date)

OIL CONSERVATION COMMISSION

APPROVED 12-31-73, 19____
 BY Joe D. Rankin
 Dist. I, Supv.

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 geologic 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 only Sections I, II, III, and VI for changes of well name or number, or transporter or other such change of completion.
 Separate Forms C-104 must be filed for each pool in multiply completed wells.

| | | |
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| OPERATOR | | |

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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 Shell Oil Company | 8. Farm or Lease Name Shelton |
| 3. Address of Operator P. O. Box 1509, Midland, Texas 79701 | 9. Well No. 1 |
| 4. Location of Well UNIT LETTER F 1980 FEET FROM THE North LINE AND 2080 FEET FROM THE West LINE, SECTION 26 TOWNSHIP 14S RANGE 37E NMPM. | 10. Field and Pool, or Wildcat Denton Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3826 DF | 12. County Lea |

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

PULL OR ALTER CASING

OTHER _____

PLUG AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPMS.

CASING TEST AND CEMENT JOB

OTHER _____

ALTERING CASING

PLUG AND ABANDONMENT

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.

9-25-72

Acidized well with 4000 gal 15% MCA in 4 stages with 75# benzoic acid + 75# mothballs between each stage.

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

SIGNED *R. A. King* **R. A. King** TITLE **Production Engineer** DATE **10-12-72**

APPROVED BY _____ Orig. Signed by **Joe D. Ramey** TITLE _____ DATE _____
Dist. I, Supv.

CONDITIONS OF APPROVAL, IF ANY:

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| TRANSPORTER | OIL |
| | GAS |
| OPERATOR | |
| PRORATION OFFICE | |

**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

I. OPERATOR

Operator: **Shell Oil Company**

Address: **P. O. Box 1509, Midland, Texas 79701**

Reason(s) for filing (Check proper box) Other (Please explain)

New Well Change in Transporter of:

Recompletion Oil Dry Gas

Change in Ownership Casinghead Gas Condensate **Effective May 1, 1970**

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|------------------------------|---|--|---|-----------|
| Lease Name Shelton | Well No. 1 | Pool Name, including Formation Denton Devonian | Kind of Lease State, Federal or Fee Fee | Lease No. |
| Location | | | | |
| Unit Letter F | 1980 Feet From The north Line and 2080 Feet From The west | | | |
| Line of Section 26 | Township 14-S | Range 37-E | NMPM, Lea | County |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | | | | |
|--|---|----------------|----------------|----------------|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> Amoco Pipe Line Co. | Address (Give address to which approved copy of this form is to be sent) P.O. Box 1088, Lovington, New Mexico 88260 | | | |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Tipperary Resources Corp. | Address (Give address to which approved copy of this form is to be sent) 500 West Illinois, Midland, Texas 79701 | | | |
| If well produces oil or liquids, give location of tanks. | Unit F | Sec. 26 | Twp. 14 | Rge. 37 |
| | Is gas actually connected? | | 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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | |
| Perforations | | | | | | Depth Casing Shoe | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | | SACKS CEMENT | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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 | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil - Bbls. | Water - Bbls. | Gas - MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test - MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| 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.

L.S. Mitchell **L. S. Mitchell**
(Signature)
Division Production Superintendent
(Title)
June 24, 1970
(Date)

OIL CONSERVATION COMMISSION

APPROVED JUL 8 1970, 19
BY *[Signature]*
TITLE **SUPERVISOR DISTRICT**

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 only Sections I, II, III, and VI 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 multiply completed wells.

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| LAND OFFICE | | |
| OPERATOR | | |

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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 Shell Oil Company | 8. Farm or Lease Name Shelton |
| 3. Address of Operator P.O. Box 1509, Midland, Texas - 79701 | 9. Well No. 1 |
| 4. Location of Well UNIT LETTER F 1980 FEET FROM THE north LINE AND 2080 FEET FROM west THE 26 LINE, SECTION 14 TOWNSHIP 37 RANGE 37 NMPM. | 10. Field and Pool, or Wildcat Denton Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3826' DF | 12. County Lee |

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 checked="" type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input 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 JOB <input type="checkbox"/> | OTHER <input type="checkbox"/> |

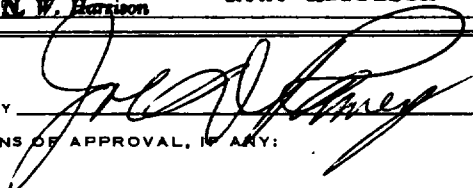
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

FEBRUARY 24 THRU MARCH 5, 1969

1. Pulled tbg and Kobe pump. Ran tbg w/stringer.
2. Set in Baker Model "D" pkr. Pumped 2000 gal 15% NEA (Runco).
3. Ran seal nipple, Kobe pump and tbg to original setting.
4. Put well on production.

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

Original Signed By **N.W. Harrison** Staff Operations Engineer DATE **3-7-69**
SIGNED **N.W. Harrison** TITLE _____

APPROVED BY  TITLE **SUPERVISOR DISTRICT 3** DATE **MAR 10 1969**
CONDITIONS OF APPROVAL, IF ANY:

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| OPERATOR | | |

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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 - 1" (FORM C-101) FOR SUCH PROPOSALS.)

| | |
|---|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- | 7. Unit Agreement Name |
| 2. Name of Operator Shell Oil Company | 8. Farm or Lease Name Shelton |
| 3. Address of Operator P. O. Box 1509, Midland, Texas 79701 | 9. Well No. 1 |
| 4. Location of Well UNIT LETTER F , 1980 FEET FROM THE North LINE AND 2080 FEET FROM THE West LINE, SECTION 26 TOWNSHIP 14 RANGE 37 NMPM. | 10. Field and Pool, or Wildcat Denton Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3826' DF | 12. County Lea |

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|---|---|---|---|
| PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input 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 JOB <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 1103.

1. Pull tbg and pump and rerun with stringer. Acidize with 2000 gals. 15%.
2. Pull tubing and rerun with pump.

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

SIGNED N. W. Harrison Original Signed by N. W. Harrison TITLE Staff Operations Engr. DATE 2-27-69

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE MAR 3 1969

CONDITIONS OF APPROVAL, IF ANY:

| | |
|------------------------|--|
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| SANTA FE | |
| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

HOBBS OFFICE O. C. C.
 NEW MEXICO OIL CONSERVATION COMMISSION
 JAN 18 11 45 AM '66

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

5a. Indicate Type of Lease
 State Fee

5. State Oil & Gas Lease No.

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 Shell Oil Company (Western Division) | 8. Farm or Lease Name Shelton |
| 3. Address of Operator Box 1309 - Midland, Texas | 9. Well No. 1 |
| 4. Location of Well UNIT LETTER F , 1980 FEET FROM THE north LINE AND 2080 FEET FROM THE west LINE, SECTION 26 TOWNSHIP 14 RANGE 37 NMPM. | 10. Field and Pool, or Wildcat Denton-Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3826' DF | 12. County Lea |

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

Operations: January 7 thru 16, 1966

- 1. Pulled Kobe pump.**
- 2. Ran 2" tubing and acid treated with 2500 gallons 15% HCl.**
- 3. In 24 hours, pumped 214 BO, no water, on 61 SPM @ 2800#.**

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

SIGNED P. W. Huber P. W. Huber TITLE Senior Exploitation Engr. DATE January 17, 1966

APPROVED BY [Signature] TITLE Engineer DATE JAN 19 1966

CONDITIONS OF APPROVAL, IF ANY:

| | |
|------------------------|--|
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| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

HOBBS OFFICE O. C. C.

NEW MEXICO OIL CONSERVATION COMMISSION
 JAN 17 11 PM '66

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

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 Shell Oil Company (Western Division) | 8. Farm or Lease Name Shelton |
| 3. Address of Operator Box 1509 - Midland, Texas | 9. Well No. 1 |
| 4. Location of Well UNIT LETTER F 1980 FEET FROM THE north LINE AND 2080 FEET FROM THE west LINE, SECTION 26 TOWNSHIP 14 RANGE 37 NMPM. | 10. Field and Pool, or Wildcat Denton-Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3826' DF | 12. County Lee |

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|---|---|---|---|
| PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input 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 JOB <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 1705.

We propose to acid treat with 2500 gallons.

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

SIGNED N. W. Harrison TITLE District Exploitation Engr. DATE January 6, 1966

APPROVED BY [Signature] TITLE Engineer Custodial DATE JAN 12 1966

CONDITIONS OF APPROVAL, IF ANY:

| | |
|---------------------------|-----|
| NUMBER OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | |
| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| PRODUCTION OFFICE | |
| OPERATOR | |

| | |
|--|----------------------------------|
| NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS | FORM C-110 (Rev. 7-60) |
|--|----------------------------------|

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

| | | | | | |
|---|----------------------|---------------------------------|--|-------------------------|--|
| Company or Operator Shell Oil Company | | | Lease Shelton | Well No. 1 | |
| Unit Letter F | Section 26 | Township 14-S | Range 37-E | County Lea | |
| Pool Danton-Devonian | | | Kind of Lease (State, Fed, Fee) Fee | | |
| If well produces oil or condensate give location of tanks | | Unit Letter D | Section 26 | Township 14-S | |
| | | Range 37-E | | | |
| 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) | | |
| Service Pipe Line Company Amoco Pipeline Co. | | | Box 38, Denver City, Texas | | |
| Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | |
| Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/> | | Date Connected 6-9-64 | Address (give address to which approved copy of this form is to be sent) | | |
| Atlantic Refining Company | | | Box 696, Lovington, New Mexico | | |

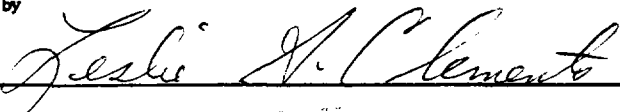
If gas is not being sold, give reasons and also explain its present disposition:

| | |
|--|--|
| REASON(S) FOR FILING (please check proper box) | |
| New Well <input type="checkbox"/> | Change in Ownership <input type="checkbox"/> |
| Change in Transporter (check one) | Other (explain below) |
| Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> | Commingleing of Devonian and Wolfcamp production on the Shelton lease. NMOCC Administrative Order PC-212, June 1, 1964. |
| Casing head gas . <input type="checkbox"/> Condensate.. <input type="checkbox"/> | |

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 11th day of August, 1964.

| | | |
|-----------------------------|---|--|
| OIL CONSERVATION COMMISSION | | By |
| Approved by |  | S. B. Deal |
| Title | | Division Production Superintendent |
| Date | Aug 12 1964 | Company Shell Oil Company |
| | | Address P. O. Box 1858 Roswell, New Mexico 88201 |

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

HOBBS OFFICE OCC

It is necessary that Form C-104 be approved before this form can be approved an an *initial* allowable be assigned to any completed Oil or Gas well. Submit this form in **QUADRUPLICATE**.

1954 MAR 26 PM 3:17

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator Shell Oil Company Lease S. E. Shelton
Address Box 1937, Hobbs, New Mexico Box 1937, Midland, Texas
(Local or Field Office) (Principal Place of Business)
Unit 7, Well (or) No. 3, Sec. 26, T-14-S, R-37-S, Pool San Juan
County Lea Kind of Lease: Leased

If Oil well Location of Tanks

Authorized Transporter Atlantic Refining Company Address of Transporter
Box 604, Lovington, New Mexico
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas
from this unit are None

REASON FOR FILING: (Please check proper box)

NEW WELL CHANGE IN OWNERSHIP
CHANGE IN TRANSPORTER OTHER (Explain under Remarks)

REMARKS:

This report covers casinghead gas production on the above lease in accordance with Commission Order H-28-1, Paragraph 9, Rule 1109, Section (A).

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with,

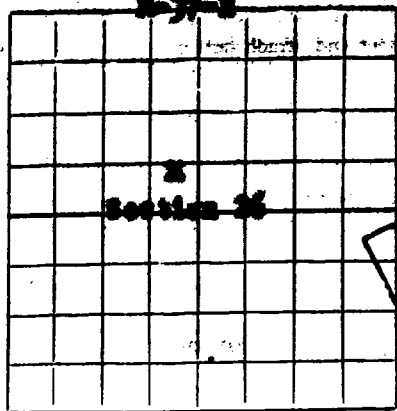
Executed this the 25th day of March, 1954

Approved MAR 30 1954, 1954

OIL CONSERVATION COMMISSION
S. J. STANLEY

By _____
Title Engineer District 1

Shell Oil Company
Original signed by B. Nevill
By B. Nevill
Title Division Exploitation Engineer



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

WELL RECORD

RECEIVED
SEP 15 1953
OIL CONSERVATION COMMISSION
HOBBS OFFICE

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

Shell Oil Company
(Company or Operator)

G. H. Shelton
(Lessee)

Well No. 1, in SE 1/4 of SW 1/4, of Sec. 26, T. 14N, R. 37E, NMPM.

Denton Pool, Lee County.

Well is 1900 feet from North line and 2000 feet from West line of Section 26. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced April 4, 1953 Drilling was Completed August 17, 1953

Name of Drilling Contractor Brown Drilling Company

Address Box 1873, Midland, Texas

Elevation above sea level at Top of Tubing Head 3814. The information given is to be kept confidential until Not Confidential, 19

OIL SANDS OR ZONES

No. 1, from 12,450' to 12,540' No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
No. 1, from _____ to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

ILLEGIBLE

CASING RECORD

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|---------|-----------------|-------------|---------|---------------|---------------------|--------------|----------------|
| 13 3/8" | 480 | NEW | 300' | | | | Surface String |
| 8 5/8" | 320 | NEW | 4,700' | | | | Salt String |
| 5 1/2" | 17 & 200 | NEW | 12,865' | | | | oil string |
| 2 3/8" | | | 12,972' | Bag & 12,582' | 12,582' - 12,952' | | Tubing String |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|---------------------|--------------------|
| 17 1/4" | 13 3/8" | 360' | 350 | Pump & Plug | Cemented to surface | |
| 11" | 8 5/8" | 4,700' | 2000 | Pump & Plug | Cemented to surface | |
| 7 7/8" | 5 1/2" | 12,870' | 800 | Pump & Plug | | |

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Treated thru perforations 12,450' - 12,540' w/2000 gallons 15% non-emulsion acid.

Result of Production Stimulation. Flowed 608 MOPD based on 300 DP in 12 hours thru 20/64" choke.
EP 900 - 800 psi, CP packer. 802 900, Gravity 46.6 deg.

Depth Cleaned Out _____

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 12.5 feet, and from 0 feet to 0 feet. Cable tools were used from 0 feet to 0 feet, and from 0 feet to 0 feet.

Put to Producing 10, 19 33

OIL WELL: The production during the first 24 hours was 500 barrels of liquid of which 77.9% was oil; 0% was emulsion; 0% water; and 0% was sediment. A.P.I. Gravity 46.6 deg. 60 F.

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico Northwest New Mexico

- T. Anhy Devonian 12,500 (-250') T. Ojo Alamo
T. Salt Silurian T. Kirtland-Fruitland
T. B. Salt Montoya T. Farmington
T. Yates Simpson T. Pictured Cliffs
T. 7 Rivers McKee T. Menefee
T. Queen Ellenburger T. Point Lookout
T. Grayburg Gr. Wash T. Mancos
T. San Andrea 4600' (-77') T. Granite T. Dakota
T. Glorieta 6150' (-330') T. Halfway Table 1100' (-240') T. Morrison
T. Drinkard 8110' (-345') T. Penn
T. Tubbs T.
T. Abo 7995' (-410') T.
T. Penn T.
T. Miss T.

FORMATION RECORD

Table with columns: From, To, Thickness in Feet, Formation. Includes data for 0-9600 feet and 10120-12875 feet. A large 'ILLEGIBLE' watermark is present over the bottom half of the table.

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

September 14, 1933 (Date)

Company or Operator Shell Oil Company
Name J. D. Savage ORIGINAL SIGNED BY J. D. SAVAGE

Address 201 1937, Hobbs, New Mexico
Position or Title Division Exploration Engineer

- DST # 1 9264' - 9425' (161' Wolfcamp limestone & dolomite). Tool open 3 hours 30 minutes thru 3/4" BC & 1" TC on 3 1/2" DS. Immediate strong air blow. OTS in 12 minutes. MTS 1 hour 57 minutes. OTS in 2 hours 14 minutes. Cleaned to pits for 2 minutes & turned to separator. Filled separator in 8 minutes & began flowing to tanks. In 1 hour flowed 32 BC. Gravity 43 deg. API, GOR 252. Reversed recovery. Recovered 200' (1.47 bbls.) mud cut oil & 250' (1.84 bbls.) heavily gas & sli mud cut sulfur water Below circulating sub. FBHP 500 - 2775 - 2250 psi, 15 minutes SIBHP 3500 psi, HME 4825 psi. Positive Test.
- DST # 2 9430' - 9530' (100' Wolfcamp). Tool open 45 minutes thru 3/4" BC & 1" TC on 3 1/2" DS. Immediate weak air blow which died in 10 minutes. After 12 minutes dropped 2 nd bar w/no resulting blow. After 20 minutes by-passed packers w/mud resulting in immediate very weak blow which died in 3 minutes. NOTES. Recovered 60' (0.44 bbls.) drilling mud w/ns. Recovery mud filtrate titrated 998 ppmCl⁻. Fit mud filtrate titrated 1196 ppmCl⁻. FBHP 0 psi, 20 minutes SIBHP 0 psi, HME 4925 psi. Positive Test.
- DST # 3A 12,267' - 12,528' (261' unidentified limestone & Devonian dolomite). Tool open 1 hour thru 1" BC & 1" TC on 3 1/2" DS. Immediate strong blow decreasing to weak in 1 hour. OTS in 19 minutes. After tool open 1 hour mud column suddenly dropped, indicating packer failure or hole in drill pipe. Recovered 1200' (8.8 bbls.) sli GOM / 9440' (69.3 bbls.) drilling mud w/ns. FBHP 220 - 290 psi, SIBHP not recorded, HME 6045 psi. Results of test considered conclusive insofar as productivity of interval is concerned.
- DST # 4 12,481' - 12,676' (195' Devonian). Tool open 2 hours thru 1" TC & 1" BC on 3 1/2" DS. Immediate strong air blow. OTS in 14 minutes w/strong blow decreasing to moderate in 82 minutes. Recovered 1260' (8.0 bbls.) HO&GOM, no water. Approximately 1 gallon clean, 41 deg. API oil above retaining valve. FBHP 250 - 500 psi, 30 minutes SIBHP 2800 psi, HME 6000 - 5900 psi. Positive Test.
- DST # 5 12,680' - 12,726' (46' Devonian Dolomite). Tool open 45 minutes thru 3/4" BC & 1" TC on 3 1/2" DS. Immediate very weak air blow which died in 5 minutes. Recovered 10' (0.05 bbls.) drilling mud w/ns. Pit mud filtrate titrates 3000 ppmCl⁻. Recovered mud filtrate titrates 3000 ppmCl⁻. FBHP 0 psi, 30 minutes SIBHP 0 psi, HME 6550 - 6225 psi. Positive Test.
- DST # 6 12,695' - 12,776' (81' Devonian). Tool open 1 hour 42 minutes thru 3/4" BC & 1" TC on 3 1/2" DS. Immediate weak air blow lasting throughout test. NOTES. After 1 hour 42 minutes packers failed. Found gas 800' from tool while pulling same. Recovered 280' (1.57 bbls.) sli gas cut mud w/rainbow show of oil. Recovered mud filtrate titrates 2500 ppmCl⁻. Pit mud filtrate titrates 2500 ppmCl⁻. FBHP 0 psi, 30 minutes SIBHP 1275 psi, HME 6175 - 6150 psi. Positive Test.
- DST # 7 12,776' - 12,876' (100' Devonian Dolomite). Tool open 2 hours thru 1" BC & 1" TC on 3 1/2" DS. Moderate air blow throughout test. NOTES. Recovered 250' (1.85 bbls.) mud / 220' (1.63 bbls.) HO&GOM (11% oil) / 310' (2.29 bbls.) HO, G & SWCM / 3120' (23.09 bbls.) sli gas cut salty sulphur water. (Water titrates 32,000 ppmCl⁻). FBHP 400 - 1250 psi, 30 minutes SIBHP 3700 psi, HME 5840 - 5700 psi. Positive Test.

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
SEP 15 1953
OIL CONSERVATION COMMISSION
HOBBS-OFFICE
(Form C-110)
Revised 7/1/52

If it is necessary that Form C-107 be approved before this form can be approved as an initial allowable well. Submit this form in QUADRUPPLICATE. be assigned to the well by Gas

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator Shell Oil Company Lease S. N. Shelton

Address Box 1937, Hobbs, New Mexico Box 1909, Midland, Texas
(Local or Field Office) (Principal Place of Business)

Unit F, Well No. 1, Sec. 26, T. 24-S, R. 7-E, Pool Boston

County Lea Kind of Lease: Leasehold

If Oil well Location of Tanks Center of lease

Authorized Transporter Service Pipe Line Address of Transporter
Box 38, Denver City, Texas Box 337, Midland Texas
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas from this unit are None

REASON FOR FILING: (Please check proper box)

NEW WELL CHANGE IN OWNERSHIP
CHANGE IN TRANSPORTER OTHER (Explain under Remarks)

REMARKS:

Completed 9-11-53

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 14th day of September, 1953
Shell Oil Company

Approved SEP 16 1953, 1953

OIL CONSERVATION COMMISSION
By J. D. Stanley
Title Engineer District

By J. D. Savage ORIGINAL SIGNED BY
J. D. SAVAGE
Title Division Exploitation Engineer

NEW ENLICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

DUPLICATE

REQUEST FOR (OIL) - (~~GAS~~) ALLOWABLE

RECEIVED
SEP 15 1953
OIL CONSERVATION COMMISSION
HOME OFFICE

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was submitted. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this well is completed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Robbs, New Mexico (Place) September 14, 1953 (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Shell Oil Company (Company or Operator) S. N. Shelton (Lease), Well No. 1, in EA $\frac{1}{4}$ SW $\frac{1}{4}$, 7 (Unit), Sec. 26, T-14-S, R-37-E, NMPM., Denton Pool, Lee County. Date Spudded 4-4-53, Date Completed 9-11-53

Please indicate location:

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Section 26

Elevation 3026 Total Depth 12,876' P.B. 12,900'

Top oil/water pay 12,450' Prod. Form. Dentonian

Casing Perforations: 12,450' - 12,540' or

Depth to Casing shoe of Prod. String.....

Natural Prod. Test..... BOPD

based on..... bbls. Oil in..... Hrs..... Mins.

Test after acid or shot 600 BOPD

Based on 304 bbls. Oil in 12 Hrs..... Mins.

Gas Well Potential.....

Size choke in inches 20/64"

Date first oil run to tanks or gas to Transmission system: 9-10-53

Transporter taking Oil or Gas: Service Pipe Line

Well 7

Casing and Cementing Record

| Size | Feet | Sax |
|----------------|----------------|-------------|
| <u>13 3/8"</u> | <u>360'</u> | <u>350</u> |
| <u>8 5/8"</u> | <u>4,754'</u> | <u>2800</u> |
| <u>5 1/2"</u> | <u>12,874'</u> | <u>800</u> |

Remarks: **ILLEGIBLE**

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

Approved SEP 16 1953, 19.....

OIL CONSERVATION COMMISSION
By: [Signature]
Title Engineer District I.

Shell Oil Company (Company or Operator)
By: J. B. Savage ORIGINAL SIGNED BY J. B. SAVAGE (Signature)
Title Division Exploitation Engineer
Send Communications regarding well to:
Name Shell Oil Company
Address Box 1957, Robbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
OIL CONSERVATION COMMISSION
SEP 15 1953
HOBBBS OFFICE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in **TRIPLICATE** to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, or plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|--|------------------------------------|----------|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) ACIDIZING | X |

September 14, 1953 (Date) **Hobbs, New Mexico** (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company (Company or Operator) **S. M. Shelton** (Lease)
Rowan Drilling Company (Contractor), Well No. **1** in the **SE** 1/4 **SW** 1/4 of Sec. **24**
T-24-2, R-37-2, NMPM, **Denton** Pool, **Lin** County.

The Dates of this work were as follows: **September 10, 1953**

Notice of intention to do the work ~~(was)~~ (was not) submitted on Form C-102 on _____, 19____, and approval of the proposed plan ~~(was)~~ (was not) obtained. (Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Treated thru perforations 12,450' - 12,540' w/2000 gallons 1% non-emulsion acid. Swabbed 1 hour & well kicked off & flowed. After recovering load on GPE flowed 608 20PD based on 304 PD in 12 hours thru 20/64" choke. SP 900 - 800 psi, GP packer. GOR 988. Gravity 46.6 deg.

ILLEGIBLE

Witnessed by **H. G. Sterling** (Name) **Shell Oil Company** (Company) **Production Foreman** (Title)

Approved: **OIL CONSERVATION COMMISSION**
S. G. Stanley (Name)
Engineer District I (Title)
SEP 16 1953 (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.
Name **I. P. Savage** ORIGINAL SIGNED BY **I. P. SAVAGE**
Position **Division Exploitation Engineer**
Representing **Shell Oil Company**
Address **Box 1957, Hobbs, New Mexico**

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
SEP 10 1953
OIL CONSERVATION COMMISSION
SANTA FE, N.M.

MISCELLANEOUS REPORTS ON WELLS

Submit this report in **TRIPLICATE** to the District Office, Oil Conservation Commission, within 30 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|--|--|----------|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON PERFORATING (Other) 5 1/2" CASING | X |

September 9, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company

(Company or Operator)

Shelton

(Lease)

Rowan Drilling Company

(Contractor)

Well No. **1** in the **SE** 1/4 **NW** 1/4 of Sec. **26**

T. **14-S**, R. **37-E**, NMPM., **Denton** Pool, **Lea** County.

The Dates of this work were as follows: **September 8, 1953**

Notice of intention to do the work (was) ~~submitted~~ submitted on Form C-102 on **September 4,** 19**53**, and approval of the proposed plan (was) ~~obtained~~ obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Perforated 5 1/2" casing opposite the Devonian Pay Zone from 12,450' to 12,540' with 4 - 21 gram jet shots per foot.

Witnessed by **H. G. Starling**
(Name)

Shell Oil Company
(Company)

Production Foreman
(Title)

Approved: **OIL CONSERVATION COMMISSION**

[Signature]
(Name)
Engineer District I
(Title)

SEP 11 1953
(Date)

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

Original signed by **F. D. Leigh**
Name **F. D. Leigh**
Position **Division Mechanical Engineer**
Representing **Shell Oil Company**
Address **Box 1957, Hobbs, New Mexico**

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
SEP 10 1953
OIL CONSERVATION COMMISSION
DISTRICT OFFICE

Submit this report in **TRIPPLICATE** to the District Office, Oil Conservation Commission, with a **copy** after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. Additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|--|------------------------------------|----------|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) PLUG BACK | X |

September 8, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company
(Company or Operator)

Shelton
(Lease)

Rowan Drilling Company
(Contractor)

Well No. 1 in the SE 1/4 NW 1/4 of Sec. 26

T. 14-S, R. 37-E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: September 6, 1953

Notice of intention to do the work (was) (~~submitted~~) submitted on Form C-102 on September 4, 1953,
(Cross out incorrect words)
and approval of the proposed plan (was) (~~obtained~~) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Plugged back from DOD 12,765' by setting a Baker cast iron bridge plug at 12,600'. Dumped 12 gallons of hydromite on top of plug. Tested plug with 2500 psi for 30 minutes. Test OK. FBTD - 12,588'.

Witnessed by H. G. Starling
(Name)

Shell Oil Company
(Company)

Production Foreman
(Title)

Approved: **OIL CONSERVATION COMMISSION**

S. G. Stanley
(Signature)

Engineer District 1
(Title)

SEP 11 1953
(Date)

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

Original signed by
F. D. Leigh

Name F. D. Leigh

Position Division Mechanical Engineer

Representing Shell Oil Company

Address Box 1957, Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico.

MISCELLANEOUS NOTICES

RECEIVED
SEP 11 1953
OIL CONSERVATION COMMISSION
HOBBS OFFICE

Submit this notice in **TRIPPLICATE** to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|--|---|----------|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | X | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | | NOTICE OF INTENTION TO ACIDIZE | | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico
(Place)

September 4, 1953
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Shell Oil Company **Shelton** Well No. **1** in **WPA**
(Company or Operator) (Unit)

SE $\frac{1}{4}$ **NW** $\frac{1}{4}$ of Sec. **26**, T. **14-S**, R. **37-E** NMPM, **Denton** Pool
(40-acre Subdivision)

Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

We propose to plug back from DOD 12,785' to 12,588' by setting a bridge plug at 12,600' and dump 12 gallons of hydromite on top of plug.

Approved..... **SEP 11 1953**....., 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION
By **S. J. Stucky**
Title **Engineer District 1**

Shell Oil Company
Company or Operator
By **F. D. Leigh** Original signed by **F. D. Leigh**
Position **Division Mechanical Engineer**
Send Communications regarding well to:

Name **Shell Oil Company**
Address **Box 1957, Hobbs, New Mexico**

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

RECEIVED
SEP 11 1953
OIL CONSERVATION COMMISSION
HOBBES OFFICE

Submit this notice in **TRIPPLICATE** to the District Office, Oil Conservation Commission, before the work specified is begun. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|-------------------------------------|---|--|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | | NOTICE OF INTENTION TO ACIDIZE | | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | <input checked="" type="checkbox"/> | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico
(Place)

September 4, 1953
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Shell Oil Company Shelton Well No. 1 in WPM
 (Company or Operator) (Unit)

SE 1/4 NW 1/4 of Sec. 26, T 14-S, R 37-E, NMPM., Denton Pool
 (40-acre Subdivision)

Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

We propose to perforate $5\frac{1}{2}$ " casing opposite the Devonian Pay Zone from 12,450' - 12,540' with 4 - 21 gram jet shots per foot.

Approved..... SEP 11 1953....., 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION
By..... [Signature].....
Title Engineer District I

Shell Oil Company
Company or Operator

By..... F. D. Leigh..... Original signed by F. D. Leigh

Position..... Division Mechanical Engineer.....
Send Communications regarding well to:

Name..... Shell Oil Company.....

Address..... Box 1957, Hobbs, New Mexico.....

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
AUG 31 1953
OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|-------------------------------------|--------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

August 28, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company

(Company or Operator)

Shelton

(Lease)

Rowan Drilling Company

(Contractor)

Well No. **1** in the **SE** $\frac{1}{4}$ **NW** $\frac{1}{4}$ of Sec **26**

T. **14-S**, R. **37-E**, NMPM, **Denton** Pool, **Lea** County.

The Dates of this work were as follows: **August 24, 1953**

Notice of intention to do the work (~~was~~) (was not) submitted on Form C-102 on _____, 19____, and approval of the proposed plan (~~was~~) (was not) obtained. (Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 12,861 feet of 5 $\frac{1}{2}$ " casing and cemented at 12,874 feet with 500 sacks 45 gal and 300 sacks neat cement. Did not circulate. Left 89' of cement in casing. Ran temperature survey and found top of cement at 7730 feet. After WOC 48 hours tested casing with 1500 psi for 30 minutes. Test OK.

Witnessed by **F. W. Stewart** **Shell Oil Company** **Drilling Foreman**
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

F. D. Leigh
(Name)

Engineer District **1**
(Title)

AUG 31 1953
(Date)

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

Original signed by
F. D. Leigh

Name **F. D. Leigh**

Position **Division Mechanical Engineer**

Representing **Shell Oil Company**

Address **Box 1957, Hobbs, New Mexico**

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
AUG 31 1953
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|--|--|----------|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON PERFORATING (Other) 5 1/2" CASING | X |

August 28, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company
(Company or Operator)

Shalton
(Lease)

Rowan Drilling Company
(Contractor)

Well No. **1** in the **SE** $\frac{1}{4}$ **NW** $\frac{1}{4}$ of Sec. **26**

T **14-8**, R. **37-E**, NMPM, **Denton** Pool, **Lea** County.

The Dates of this work were as follows: **August 27, 1953**

Notice of intention to do the work (was) (~~was~~) submitted on Form C-102 on **August 26,** 19**53**
(Cross out incorrect words)

and approval of the proposed plan (was) (~~was~~) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Perforated 5 1/2" casing opposite the Devonian Pay Zone from 12,630' - 12,680' with 4 - 28 gram jet shots per foot.

Witnessed by **H. G. Starling**
(Name)

Shell Oil Company
(Company)

Production Foreman
(Title)

Approved: OIL CONSERVATION COMMISSION

H. G. Starling
(Name)

Engineer District 1
(Title)

AUG 31 1953
(Date)

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

Original signed by **F. D. Leigh**

Name **F. D. Leigh**

Position **Division Mechanical Engineer**

Representing **Shell Oil Company**

Address **Box 1957, Hobbs, New Mexico**

TRIPPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

FORM C-10a
(Revised 3/1/52)
RECEIVED
AUG 28 1953
OIL CONSERVATION COMMISSION
HOBBS OFFICE

MISCELLANEOUS NOTICES

Submit this notice in TRIPPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the objections by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|-------------------------------------|---|--|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | <input type="checkbox"/> | NOTICE OF INTENTION TO ACIDIZE | | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | <input checked="" type="checkbox"/> | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico
(Place)

August 26, 1953
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Shell Oil Company

Shelton

Well No. **1**

in **SP**

(Company or Operator)

(Unit)

SE 1/4 **NW** 1/4 of Sec. **26**

26

T. **14-S**

R. **37-E**

NMPM,

Denton

Pool

Lee

County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

We propose to perforate 5 1/2" casing opposite the Devonian Pay Zone from 12,630' - 12,680' with 4 - 21 gran jet shots per foot.

Approved..... **AUG 31 1953**....., 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION
By..... **J. G. Stanley**.....
Title..... **Engineer District 1**.....

Shell Oil Company
Company or Operator
By..... **F. D. Leigh**..... Original signed by
F. D. Leigh
Position..... **Division Mechanical Engineer**
Send Communications regarding well to:
Name..... **Shell Oil Company**
Address..... **Box 1957, Hobbs, New Mexico**

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
APR 23 1953
OIL CONSERVATION COMMISSION
SANTA FE, N.M.

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work reported is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|-------------------------------------|--------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

April 20, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company

Shelton

(Company or Operator)

(Lease)

Rowan Drilling Company

Well No. 1 in the SE 1/4 NW 1/4 of Sec. 26

(Contractor)

T. 14-S, R. 37-E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: April 15, 1953

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____

(Cross out incorrect words)

and approval of the proposed plan ~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 4740' of 8-5/8" casing and cemented at 4754' with 2550 sacks of 4% gel and 250 sacks of neat cement. Did not circulate. After WOC 12 hours ran temperature survey and found top of cement at 240'. Ran 1" pipe in annulus and cemented to surface with 150 sacks of regular cement. After WOC 36 hours tested casing with 1000 psi for 30 minutes before and after drilling plug. Test OK.

Witnessed by: H. G. Starling Shell Oil Company Production Foreman
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

Ray Yehrbrook
(Name)
Oil & Gas Inspector

(Title)

APR 23 1953

(Date)

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

Name: F. D. Leigh

Position: Division Mechanical Engineer

Representing: Shell Oil Company

Address: Box 1957, Hobbs, New Mexico

DUPPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
APR 8 1953
OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|-------------------------------------|--------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

April 7, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company
(Company or Operator)

Shelton
(Lease)

Rowan Drilling Company
(Contractor)

Well No. 1 in the SE 1/4 NW 1/4 of Sec. 26

T. 14-S, R. 37-E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: April 5, 1953

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____,
(Cross out incorrect words)

and approval of the proposed plan ~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 348' of 13-3/8" casing and cemented at 360' with 350 sacks of regular cement. Circulated cement. After WOC 24 hours tested casing with 500 psi for 30 minutes. Test OK.

Witnessed by H. G. Starling Shell Oil Company Production Foreman
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

Ray Yarbrough
Oil & Gas Inspector
(Name) (Title)

APR 8 1953
(Date)

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

F. D. Leigh
Name F. D. Leigh
Position Division Mechanical Engineer
Representing Shell Oil Company
Address Box 1957, Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
APR 7 1953
OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO

MISCELLANEOUS REPORTS ON WELL

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|-------------------------------------|---|--------------------------|--------------------------|--------------------------|
| REPORT ON BEGINNING DRILLING OPERATIONS | <input checked="" type="checkbox"/> | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input type="checkbox"/> | REPORT ON REPAIRING WELL | <input type="checkbox"/> |
| REPORT ON RESULT OF PLUGGING WELL | <input type="checkbox"/> | REPORT ON RECOMPLETION OPERATION | <input type="checkbox"/> | REPORT ON (Other) | <input type="checkbox"/> |

April 6, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company
(Company or Operator)

Shelton
(Lease)

Rowan Drilling Company
(Contractor)

Well No. 1 in the SE 1/4 NW 1/4 of Sec. 26

T. 14-S, R. 37-E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: April 4, 1953

Notice of intention to do the work (was ~~checked~~) submitted on Form C-101 on April 1, 1953
(Cross out incorrect words)

and approval of the proposed plan (was ~~checked~~) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spudded 4:30 P.M. 4-4-53

Witnessed by H. G. Starling Shell Oil Company Production Foreman
(Name) (Company) (Title)

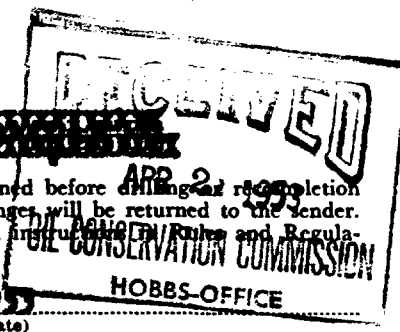
Approved: Roy Yamborough
OIL CONSERVATION COMMISSION
Oil & Gas Inspector
(Name)
(Title)

APR 7 1953
(Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.
Name: F. D. Leigh
Position: Division Mechanical Engineer
Representing: Shell Oil Company
Address: Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL



Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling and re-completion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Hobbs, New Mexico

(Place)

April 1, 1957

(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (~~Re-completing~~) of a well to be known as

Shell Oil Company

(Company or Operator)

Shelton

(Lease)

Well No. 1

in T. 7

(Unit)

The well is

located 1900 feet from the north line and 2000 feet from the

west

line of Section 26

T. -14-N

R. -37-E

NMPM.

(GIVE LOCATION FROM SECTION LINE)

Denton

Pool, Lea

County

R-37-E

| | | | |
|---|------------------|---|---|
| D | C | B | A |
| E | FX Section 26 | G | H |
| L | K | J | I |
| M | N | O | P |

If State Land the Oil and Gas Lease is No. -

If patented land the owner is S. N. Shelton

Address -

We propose to drill well with drilling equipment as follows: Rotary Tools

The status of plugging bond is Blanket Bond

Drilling Contractor: undetermined

We intend to complete this well in the Devonian

formation at an approximate depth of 12,675 feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

| Size of Hole | Size of Casing | Weight per Foot | New or Second Hand | Depth | Sacks Cement |
|--------------|----------------|-----------------|--------------------|---------|--------------|
| 17 1/4" | 13 3/8" | 48# | new | 350' | 350 |
| 11" | 8 5/8" | 32# | new | 4675' | 2700 |
| 7 7/8" | 5 1/2" | 15.5617# | new | 12,300' | 500 |

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

ILLEGIBLE

Sincerely yours,

Shell Oil Company

(Company or Operator)

By: J. D. Savage

J. D. Savage

Position: Division Exploitation Engineer

Send Communications regarding well to

Name: Shell Oil Company

Address: Box 1957

Hobbs, New Mexico

Approved: APR 2, 1957

Except as follows:

OIL CONSERVATION COMMISSION

By: Roy Yarbrough

Title: Oil & Gas Inspector

| | | |
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| LAND OFFICE | | |
| OPERATOR | | |

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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 Polaris Production Corp. | 8. Farm or Lease Name Shelton |
| 3. Address of Operator P. O. Box 1749, Midland, Texas 79701 | 9. Well No. 4 |
| 4. Location of Well UNIT LETTER <u>E</u> <u>2310</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>West</u> LINE, SECTION <u>26</u> TOWNSHIP <u>14-S</u> RANGE <u>37-E</u> NMPM. | 10. Field and Pool, or Wildcat Denton Devonian |
| 15. Elevation (Show whether DF, RT, CR, etc.) 3827 Df | 12. County Lea |

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

PULL OR ALTER CASING

OTHER return to production

PLUG AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOB

OTHER

ALTERING CASING

PLUG AND ABANDONMENT

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.

C-116 included herewith

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

SIGNED [Signature] TITLE Engineer DATE 11-22-76

APPROVED BY Orig. Signed [Signature] TITLE _____ DATE NOV 24 1976

CONDITIONS OF APPROVAL, IF ANY 1, Sup

| | |
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| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| OPERATOR | |
| PRODUCTION OFFICE | |

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-105
 Effective 1-1-65

Operator
Polaris Production Corp.

Address
P. O. Box 1703, Midland, Texas 79701

Reason(s) for filing (Check proper box) Other (Please explain)

New Well Change in Transporter of: Oil Dry Gas

Recompletion Casinghead Gas Condensate

Change in Ownership **Change in Operator**

If change of ownership give name and address of previous owner: **Shell Oil Company, P. O. Box 1509, Midland, Texas 79701**

I. DESCRIPTION OF WELL AND LEASE

| | | | | |
|------------------------------|--|--|---|------------|
| Lease Name Shelton | Well No. 4 | Pool Name, including Formation Denton Devonian | Kind of Lease State, Federal or Fee Fee | Lease No. |
| Location | | | | |
| Unit Letter E | 2310 Feet From The North Line and 330 Feet From The West | | | |
| Line of Section 26 | Township 14 South | Range 37 East | NMPM | Lea County |

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | | | | |
|--|--|-------------------|-------------------|-------------------|
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Amoco Production Co. | Address (Give address to which approved copy of this form is to be sent) P. O. Box 1725, Midland, Texas 79701 | | | |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Tipperary Corp. | Address (Give address to which approved copy of this form is to be sent) 229 Western United Life Bldg., Midland, Tx. | | | |
| If well produces oil or liquids, give location of tanks. | Unit F | Sec. 26 | Twp. 14 | Rge. 37 |
| | Is gas actually connected? Yes | | When Unknown | |

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

V. COMPLETION DATA

| | | | | | | | | |
|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------------|------------------------------------|--------------------------------------|---------------------------------------|
| Designate Type of Completion - (X) | <input type="checkbox"/> Oil Well | <input type="checkbox"/> Gas Well | <input type="checkbox"/> New Well | <input type="checkbox"/> Workover | <input type="checkbox"/> Deepen | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Same Rec'y. | <input type="checkbox"/> Diff. Rec'y. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | P.B.T.D. | | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | Tubing Depth | | | |
| Perforations | | | | | | Depth Casing Shoe | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | SACKS CEMENT | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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)

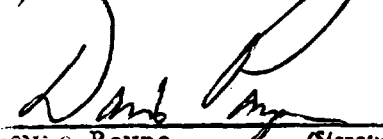
| | | | |
|---------------------------------|-----------------|---|------------|
| Date First New Oil Run To Tanks | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil - Bbls. | Water -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

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test - MCF/D | Length of Test | Bbls. Condensate/MCF | Gravity of Condensate |
| 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.


 Davis Payne (Signature)
 President (Title)
 12-31-73 (Date)

OIL CONSERVATION COMMISSION

APPROVED JAN 7 - 1974 19
 Orig. Signed by Joe D. Ramsey
 BY Joe D. Ramsey
 Dist. I, Supv.

TITLE _____

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 deviate 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 only Sections I, II, III, and VI 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 multiple completed wells.

**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

| | |
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| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| OPERATOR | |
| PRORATION OFFICE | |

I. Operator
Operator **Shell Oil Company**
Address **P. O. Box 1509, Midland, Texas 79701**

Reason(s) for filing (Check proper box) Other (Please explain)
 New Well Change in Transporter of:
 Recompletion Oil Dry Gas
 Change in Ownership Casinghead Gas Condensate **Effective May 1, 1970**

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|--|----------------------|--|---|-----------|
| Lease Name Shelton | Well No. 4 | Pool Name, Including Formation Denton Devonian | Kind of Lease State, Federal or Fee Fee | Lease No. |
| Location Unit Letter SE ; 2310 Feet From The north Line and 330 Feet From The West Line of Section 26 Township 14-S Range 37-E , NMPM, Lea County | | | | |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | | | | |
|--|---|-------------------|-------------------|-------------------|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> Amoco Pipe Line Co. | Address (Give address to which approved copy of this form is to be sent) P.O. Box 1088, Lovington, New Mexico 88260 | | | |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Tipperary Resources Corp. | Address (Give address to which approved copy of this form is to be sent) 500 West Illinois, Midland, Texas 79701 | | | |
| If well produces oil or liquids, give location of tanks. | Unit D | Sec. 26 | Twp. 14 | Rge. 37 |
| Is gas actually connected? | | 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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | |
| Perforations | | | | | | Depth Casing Shoe | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | | SACKS CEMENT | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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 | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbls. | Gas-MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Feet-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, 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.

L. S. Mitchell
L. S. Mitchell
Division Production Superintendent
June 24, 1970
(Date)

OIL CONSERVATION COMMISSION
APPROVED JUL 8 1970, 19____
BY *[Signature]*
TITLE **SUPERVISOR DISTRICT**

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 only Sections I, II, III, and VI 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 multiply completed wells.

| | |
|---------------------------|-----|
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| TRANSPORTER | OIL |
| | GAS |
| PRODUCTION OFFICE | |
| OPERATOR | |

| | |
|--|----------------------------------|
| NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS | FORM C-110 (Rev. 7-60) |
| FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE | |

| | | | | | |
|---|----------------------|---------------------------------|---|-------------------------|----------------------|
| Company or Operator Shell Oil Company | | | Lease Shelton | | Well No. 4 |
| Unit Letter E | Section 26 | Township 14-S | Range 37-E | County Lea | |
| Pool Denton-Devonian | | | Kind of Lease (State, Fed, Fee) Fee | | |
| If well produces oil or condensate give location of tanks | | Unit Letter D | Section 26 | Township 14-S | Range 37-E |
| Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> Service Pipe Line Amoco Pipeline Co. | | | Address (give address to which approved copy of this form is to be sent) Box 38, Denver City, Texas | | |
| Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | |
| Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/> Atlantic Refining Company | | Date Connected 6-9-64 | Address (give address to which approved copy of this form is to be sent) Box 696, Lovington, New Mexico | | |

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING (please check proper box)

| | |
|--|---|
| New Well <input type="checkbox"/> | Change in Ownership <input type="checkbox"/> |
| Change in Transporter (check one) | Other (explain below) |
| Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> | Comingling of Devonian and Wolfcamp production on the Shelton lease. BIOC Administrative Order PC-212, June 1, 1964. |
| Casing head gas <input type="checkbox"/> Condensate <input type="checkbox"/> | |

Remarks

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 11th day of August, 1964.

| | |
|--|---|
| OIL CONSERVATION COMMISSION | By |
| Approved by <i>Lester H. Clements</i> | <i>S. B. Deal</i> S. B. Deal |
| Title <i>Lester H. Clements</i> | Division Production Superintendent |
| Date | Company Shell Oil Company |
| | Address P. O. Box 1858, Roswell, New Mexico |

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

HOBBS OFFICE OCC
1954 OCT 25 PM 2:40

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in **QUADRUPPLICATE**.

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator Shell Oil Company Lease Shelton
Address Box 2907, Hobbs, New Mexico (Local or Field Office) Box 2907, Midland, Texas (Principal Place of Business)
Unit 3, Well(s) No. 4, Sec. 26, T. 13S, R. 7W, Pool Shelton
County Lea Kind of Lease: Leased

If Oil well Location of Tanks: _____
Authorized Transporter Atlantic Refining Co. Address of Transporter Midland, Texas
Box 674, Lovington, New Mexico (Local or Field Office) Midland, Texas (Principal Place of Business)

Per cent of 0.000 Natural Gas to be Transported 100 Other Transporters authorized to transport Oil or Natural Gas from this unit are _____ %

REASON FOR FILING: (Please check proper box)

- NEW WELL CHANGE IN OWNERSHIP
- CHANGE IN TRANSPORTER OTHER (Explain under Remarks)

REMARKS:

This report covers estimated gas production on the above lease in accordance with Commission Order 2-38-1, Paragraph 3, Rule 1103, Section (A)

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 25th day of October, 1954

Approved NOV 15 1954, 1954

OIL CONSERVATION COMMISSION

By S. J. STANLEY
Title ENGINEER-DIST.

Shell Oil Company
Original signed by D. H. TRAHAN
By D. H. TRAHAN
Title Production Superintendent

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

HOBBS OFFICE OCC

It is necessary that Form C-104 be approved before this form can be approved and an initial approval be assigned to any completed Oil or Gas well. Submit this form in **QUADRUPPLICATE**.

1954 MAR 25 PM 3:18

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Shell Oil Company Lease G. M. Shelton
Address Box 1237, Hobbs, New Mexico Box 1509, Midland, Texas
(Local or Field Office) (Principal Place of Business)
Unit 2, Well No. 4, Sec. 24, T-14-S, R. -17-E, Pool Santon
County Leon Kind of Lease: Patented

If Oil well Location of Tanks.....

Authorized Transporter Atlantic Refining Company Address of Transporter
Box 696, Lovington, New Mexico
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas
from this unit are None

REASON FOR FILING: (Please check proper box)

NEW WELL..... CHANGE IN OWNERSHIP.....
CHANGE IN TRANSPORTER..... OTHER (Explain under Remarks).....

REMARKS:

This report covers casinghead gas production on the above lease in accordance with Commission order B-98-1, Paragraph 9, Rule 1109, Section (A).

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 25th day of March, 1954.

Shell Oil Company

Approved MAR 30 1954, 19.....

OIL CONSERVATION COMMISSION

By B. Nevill Original signed by B. Nevill

By S. J. STANLEY

Title Division Exploitation Engineer

Title Engineer District 1

NEW MEXICO OIL CONSERVATION COMMISSION

HOBBS OFFICE OGC
Hobbs, New Mexico

DUPLICATE

MAR 25 AM 9:43

WELL RECORD

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
| | | | | | |
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| | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company
(Company or Operator)

S. H. Shelton
(Lease)

Well No. 4 in SW 1/4 of SW 1/4 of Sec. 26, T. -14-S R. -37-E, NMPM.
Denton Pool, Len County.

Well is 2310 feet from North line and 310 feet from West line of Section 26. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced November 27, 1951; Drilling was Completed March 11, 1952

Name of Drilling Contractor Garrett Drilling Company

Address Box 1608, Okemah, Texas

Elevation above sea level at Top of Tubing Head 3017. The information given is to be kept confidential until Not confidential, 19____.

OIL SANDS OR ZONES

No. 1, from 12,409' to 12,620' No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

ILLEGIBLE

CASING RECORD

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|---------|-----------------|-------------|---------|--------------|---------------------|--------------|----------------|
| 13 3/8" | 404 | NEW | 310' | | | | Surface String |
| 8 5/8" | 320 | NEW | 4,720' | | | | Ball String |
| 5 1/2" | 174 & 204 | NEW | 12,396' | | | | Oil String |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|---------------------|--------------------|
| 17 1/2" | 13 3/8" | 365' | 350 | Pump & Plug | Cemented to Surface | |
| 11" | 8 5/8" | 4,741' | 2350 | Pump & Plug | Cemented to Surface | |
| 7 7/8" | 5 1/2" | 12,409' | 800 | Pump & Plug | | |

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Washed open hole interval 12,409' - 12,620' w/500 gallons mud acid. Then treated w/1500 gallons 15% LST acid.

Result of Production Stimulation In 24 hours flowed 738 BO, out 0.4% BO, no water (based on 369 BO in 12 hours) thru 30/64" choke. Gravity 44 deg. GOR 936. SP 925 psi. CP 375 psi.

Depth Cleaned Out _____

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 12,420 feet, and from ... feet to ... feet. Cable tools were used from 0 feet to ... feet, and from ... feet to ... feet.

PRODUCTION

Put to Producing March 20, 19 24

OIL WELL: The production during the first 24 hours was 730 barrels of liquid of which 99.6% was oil; ...% was emulsion; ...% water; and 0.4% was sediment. A.P.I. Gravity 44 deg. 002 936

GAS WELL: The production during the first 24 hours was ... M.C.F. plus ... barrels of liquid Hydrocarbon. Shut in Pressure ... lbs.

Length of Time Shut in ...

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

- T. Anhy. T. Devonian 12,400' (-8573') T. Ojo Alamo
T. Salt T. Silurian T. Kirtland-Fruitland
T. B. Salt T. Montoya T. Farmington
T. Yates T. Simpson T. Pictured Cliffs
T. 7 Rivers T. McKee T. Menefee
T. Queen T. Ellenburger T. Point Lookout
T. Grayburg T. Gr. Wash T. Mancos
T. San Andres T. Granite T. Dakota
T. Glorieta T. Vol to Limestone 9375' (-5549') Morrison
T. Drinkard T. Penn
T. Tubbs T.
T. Abo T.
T. Penn T.
T. Miss T.

FORMATION RECORD

Table with columns: From, To, Thickness in Feet, Formation. Includes data for depths 0-12425 feet and a large 'ILLEGIBLE' watermark.

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

March 23, 1924

(Date)

Company or Operator Shell Oil Company

Address Box 1297, Hobbs, New Mexico

Name B. Nevill Original signed by B. Nevill

Position or Title Division Exploitation Engineer

- DST # 1 9251' - 9420' (149' Wolfcamp limestone & dolomite). Tool open 1 1/4 hours thru 1" BC & 1" TC on 4" DS. Immediate strong blow decreasing to moderate in 30 minutes, which lasted remainder of test. GTS 23 minutes. Recovered 3450' fluid (37.95 bbls.) unloaded clean oil & 2910' (34.15 bbls.) 44.1 deg. API gravity oil & 480' (3.53 bbls.) very heavily O&GCM & 60' (0.27 bbls.) heavily gas & sulfur-cut drilling filtrate. Pit mud filtrate 2000 ppmCl⁻. Recovery mud filtrate 2000 ppmCl⁻. FBHP 235 - 1130 psi. 15 minutes SIBHP 2760 psi. HMR 4388 - 4290 psi. Positive Test.
- DST # 2 9420' - 9480' (60' Wolfcamp limestone). Tool open 45 minutes thru 1" BC & 1" TC on 4 1/2" DS. Immediate very weak air blow dying in 28 minutes. After total 35 minutes by-passed packers, opened tool w/very weak air blow dying in 2 minutes. NGTS. Recovered 90' (0.4 bbls.) drilling mud w/no shows. Pit mud titrates 2500 ppmCl⁻. Recovery mud titrates 3200 ppmCl⁻. FBHP 0 psi. 30 minutes SIBHP 4290 psi. Positive Test.
- DST # 3 11,050' - 11,220' (170' Pennsylvanian limestone). Tool open 48 minutes thru 3/4" BC & 1" TC on 4" DS. Weak blow which increased to fair in 10 minutes. GTS 35 minutes. Recovered 370' (3.70 bbls.) all GCM & 3830' (35.37 bbls.) mud. Recovered mud & pit mud titrates 7000 ppmCl⁻. FBHP 0 psi. SIBHP not taken. HMR 5075 psi. Positive Test.

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico
HOBBS OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS

1954 MAR 25 AM 9:42

Submit this report in **TRIPLICATE** to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|--|------------------------------------|----------|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) ACIDIZING | X |

March 23, 1954

Hobbs, New Mexico

(Date)

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company

G. M. Shelton

(Company or Operator)

(Lease)

(Contractor)

Well No. **4** in the **SW** $\frac{1}{4}$ **SW** $\frac{1}{4}$ of Sec. **26**

T-**14-8**, R-**37-2**, NMPM, **Denton** Pool, **Leon** County.

March 19, 1954

The Dates of this work were as follows:

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____,

(Cross out incorrect words)

and approval of the proposed plan ~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Washed open hole interval 12,409' - 12,620' w/500 gallons mud acid. Then treated w/1500 gallons 15% LST acid.

In 24 hours flowed 738 BOP, out 0.4% BOP, no water (based on 369 BOP in 12 hours) thru 20/64" choke. Gravity 44 deg. GR 93%. SP 925 psi. CP 375 psi.

ILLEGIBLE

Witnessed by **E. G. Starling**
(Name)

Shell Oil Company
(Company)

Production Foreman
(Title)

Approved _____
OIL CONSERVATION COMMISSION

E. G. Starling
(Signature)

Engineer District 1

(Title)

MAR 25 1954

(Date)

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

Original signed by **E. Nevill**

Name **B. Nevill**

Position **Division Exploitation Engineer**

Representing **Shell Oil Company**

Address **Box 1957, Hobbs, New Mexico**

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
HOBBS OFFICE OCC

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in **QUADRUPPLICATE**.

1954 MAR 25 AM 9:42

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator Shell Oil Company Lease G. H. Shelton

Address Box 1957, Hobbs, New Mexico Box 1509, Midland, Texas
(Local or Field Office) (Principal Place of Business)

Unit B, Well (s) No. 4, Sec. 26, T. 14-N, R. 37-E, Pool Denton

County Lea Kind of Lease: Patented

If Oil well Location of Tanks Center of lease

Authorized Transporter Service Pipe Line Address of Transporter

Box 38, Denver City, Texas Box 377, Midland, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas from this unit are None

REASON FOR FILING: (Please check proper box)

NEW WELL CHANGE IN OWNERSHIP

CHANGE IN TRANSPORTER OTHER (Explain under Remarks)

REMARKS:

Completed 3-20-54

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 23rd day of March, 1954

Approved MAR 25 1954, 1954

OIL CONSERVATION COMMISSION

By J. G. Stanley

Title Lea District

Shell Oil Company

By B. Nevill

Title Division Exploitation Engineer

Original signed by
B. Nevill

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

DUPLICATE

REQUEST FOR (OIL) - (GAS) ALLOWABLE
HOBBS OFFICE OCC

New Well
~~Recompletion~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-401 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico March 23, 1954
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Shell Oil Company G. M. Shelton, Well No. 4, in SW 1/4 NW 1/4,
(Company or Operator) (Lease)
N, Sec. 26, T. 14-S, R. 17-E, NMPM, Denton Pool
(Unit)
Denton County. Date Spudded November 27, 1953 to Completed March 20, 1954

Please indicate location:

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Elevation 3027 Total Depth 12,620, P.B.

Top oil/gas pay 12,409 Prod. Form Devonian

Casing Perforations: Open Hole Completion or

Depth to Casing shoe of Prod. String 12,409

Natural Prod. Test Not taken BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot 738 BOPD

Based on 369 bbls. Oil in 12 Hrs. Mins.

Gas Well Potential -

Size choke in inches 20/64"

Date first oil run to tanks or gas to Transmission system: March 20, 1954

Transporter taking Oil or Gas: Service Pipe Line

Casing and Cementing Record

| Size | Feet | Sax |
|---------|--------|------|
| 13 3/8" | 345 | 350 |
| 8 5/8" | 4,741 | 2350 |
| 5 1/2" | 12,409 | 800 |
| | | |

Remarks:

ILLEGIBLE

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

Approved MAR 25 1954, 19

Shell Oil Company
(Company or Operator)

By: B. Nevill Original signed by
(Signature) B. Nevill

OIL CONSERVATION COMMISSION

By: S. J. Stanley
Title Engineer District 1

Title Division Exploitation Engineer
Send Communications regarding well to:

Name Shell Oil Company

Address Box 1957, Hobbs, New Mexico

DUPLICATE

(Form C-103)
(Revised 7/17/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
MAR 22 1954
OIL CONSERVATION COMMISSION
HOBBES OFFICE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|-------------------------------------|--------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

March 19, 1954 Hobbs, New Mexico
(Date) (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company (Company or Operator) Shelton (Lease)
Corbett Drilling Company (Contractor), Well No. 4 in the SW 1/4 NW 1/4 of Sec. 26
T. 14-S, R. 37-E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: March 15, 1954

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____, and approval of the proposed plan ~~was~~ (was not) obtained.
(Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

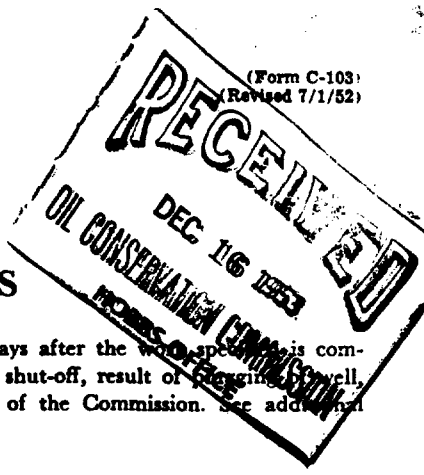
Ran 12,396' of 5-1/2" casing and cemented at 12,409' with 600 sacks of 45 gal and 200 sacks of neat cement. After WOC 8 hours ran temperature survey and found top of cement at 8344'. After WOC 36 hours ran magnetor survey and located freeze point at 8475'. After WOC 72 hours tested casing and cement with 1500 psi for 30 minutes before and after drilling plug. Test OK.

ILLEGIBLE

Witnessed by F. W. Stewart (Name) Shell Oil Company (Company) Drilling Foreman (Title)

Approved: S. J. Stanley (Name)
Engineer District 1 (Title)
MAR 22 1954 (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.
Original signed by F. D. Leigh
Name: F. D. Leigh
Position: Division Mechanical Engineer
Representing: Shell Oil Company
Address: Box 1957, Hobbs, New Mexico



TRIPPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in **TRIPPLICATE** to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|-------------------------------------|--------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

December 14, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company
(Company or Operator)

Shelton
(Lease)

Corbett Drilling Company
(Contractor)

Well No. 4 in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 26

T. 14-S, R. 37-S, NMPM., Denton Pool, Lea County.

The Dates of this work were as follows: December 11, 1953

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____, and approval of the proposed plan ~~was~~ (was not) obtained.
(Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 4727' of 8-5/8" casing and cemented at 4741' with 2100 sacks 4% gel and 250 sacks regular cement. Circulated estimated 571 sacks cement. After WOC 24 hours tested casing and cement with 1000 psi for 30 minutes before and after drilling shoe. Test OK.

ILLEGIBLE

Witnessed by F. W. Stewart Shell Oil Company Drilling Foreman
(Name) (Company) (Title)

Approved: [Signature]
OIL CONSERVATION COMMISSION
Engineer District 1
(Title)

DEC 18 1953
(Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.
Original signed by F. D. Leigh
Name F. D. Leigh
Position Division Mechanical Engineer
Representing Shell Oil Company
Address Box 1957, Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
DEC 1 1953
OIL CONSERVATION COMMISSION
HOBBES OFFICE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|-------------------------------------|--------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

November 30, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company

(Company or Operator)

Shelton

(Lease)

Corbett Drilling Company

(Contractor)

Well No. 4 in the SW 1/4 NW 1/4 of Sec. 26

T. 14-S, R. 37-E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: November 28, 1953

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____, (Cross out incorrect words)

and approval of the proposed plan ~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 330' of 13-3/8" casing and cemented at 345' with 350 sacks of cement. Circulated out an estimated 12 sacks of cement. After WOC 12 hours tested casing with 500 psi for 30 minutes. Test OK.

ILLEGIBLE

Witnessed by F. W. Stewart (Name) Shell Oil Company (Company) Drilling Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

[Signature]
(Name)

Engineer District 1

(Title)

DEC 1 1953

(Date)

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

Original signed by
Name: F. D. Leigh F. D. Leigh
Position: Division Mechanical Engineer
Representing: Shell Oil Company
Address: Box 1957, Hobbs, New Mexico

TRIPPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
DEC 1 1953
OIL CONSERVATION COMMISSION
HOBBBS OFFICE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in **TRIPPLICATE** to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|-------------------------------------|---|--------------------------|--------------------------|--------------------------|
| REPORT ON BEGINNING DRILLING OPERATIONS | <input checked="" type="checkbox"/> | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input type="checkbox"/> | REPORT ON REPAIRING WELL | <input type="checkbox"/> |
| REPORT ON RESULT OF PLUGGING WELL | <input type="checkbox"/> | REPORT ON RECOMPLETION OPERATION | <input type="checkbox"/> | REPORT ON (Other) | <input type="checkbox"/> |

November 30, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company
(Company or Operator)

Shelton
(Lease)

Corbett Drilling Company
(Contractor)

Well No. **4** in the **S1** $\frac{1}{4}$ **SW** $\frac{1}{4}$ of Sec. **26**

T. **14-S**, R. **37-S**, NMPM, **Denton** Pool, **Lea** County.

The Dates of this work were as follows: **November 27, 1953**

Notice of intention to do the work (was) (~~waived~~ submitted on Form **101** ~~check~~ on **November 16,** 19**53**,
(Cross out incorrect words)

and approval of the proposed plan (was) ~~waived~~ obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spudded 8:00 A.M. 11-27-53

ILLEGIBLE

Witnessed by **F. M. Stewart** **Shell Oil Company** **Drilling Foreman**
(Name) (Company) (Title)

Approved: **OIL CONSERVATION COMMISSION**

S. J. Starkey
(Name)

Engineer District 1

(Title)

DEC 1 1953

(Date)

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

Original signed by **F. D. Leigh**
Name **F. D. Leigh**
(Title)

Position **Division Mechanical Engineer**

Representing **Shell Oil Company**

Address **Box 1957, Hobbs, New Mexico**

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
NOV 23 1953
OIL CONSERVATION COMMISSION

NOTICE OF INTENTION TO DRILL OR RECOMPLETION

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes must be submitted to the sender. Submit this notice in **QUINTUPLICATE**. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Hobbs, New Mexico
(Place)

November 16, 1953
(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (~~Recompletion~~) of a well to be known as

Shell Oil Company
(Company or Operator)

G. N. Shelton
(Lease)

Well No. _____, in _____ (Unit) _____

The well is located **2310** feet from the **north** line and **100** feet from the **west** line of Section **26**, T. **-14-S**, R. **-37-E**, NMPM.

(GIVE LOCATION FROM SECTION LINE) **Denton** Pool, **Lea** County

2-37-E

| | | | |
|---|---|---|---|
| D | C | B | A |
| E | F | G | H |
| L | K | J | I |
| M | N | O | P |

If State Land the Oil and Gas Lease is No. _____

If patented land the owner is **G. N. Shelton**

Address **unknown**

We propose to drill well with drilling equipment as follows: **Rotary Tools**

The status of plugging bond is **Blanket Bond**

Drilling Contractor **Undetermined**

We intend to complete this well in the **Devonian** formation at an approximate depth of **12,650** feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

| Size of Hole | Size of Casing | Weight per Foot | New or Second Hand | Depth | Sacks Cement |
|--------------|----------------|-----------------|--------------------|--------|--------------|
| 17 1/4" | 13 3/8" | 484 | NEW | 350 | 350 |
| 11" | 8 5/8" | 324 | NEW | 4,750 | 2000 |
| 7 7/8" | 5 1/2" | 17 & 204 | NEW | 12,520 | 800 |

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

ILLEGIBLE

Approved **NOV 23 1953**, 19_____
Except as follows:

Sincerely yours,

Shell Oil Company
(Company or Operator)
By **J. D. Savage**
Position **Division Exploitation Engineer**
Send Communications regarding well to
Name **Shell Oil Company**
Address **Box 1957**
Hobbs, New Mexico

OIL CONSERVATION COMMISSION
By **S. G. Stanley**
Title **Engineer District 1**

WRS COMPLETION REPORT
 COMPLETIONS SEC 36 TWP 14S RGE 37E
 P1# 30-T-0007 05/15/92 30-025-05213-0002 PAGE 1

NMEX LEA * 1980FNL 330FWL SEC SW NW
 STATE COUNTY FOOTAGE SPOT
 TIMBERLINE ENERGY WDD WD
 OPERATOR WELL CLASS INIT FIN
 5 POPE T D
 WELL NO. LEASE NAME
 3815DF WILDCAT
 OPER ELEV FIELD/POOL AREA
 API 30-025-05213-0002
 LEASE NO. PERMIT OR WELL I.D. NO.
 01/06/1992 04/20/1992 ROTARY VERT D&AW
 SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS
 13782 GR WSH ZIADRIL INC 6 RIG SUB 16
 PROJ. DEPTH PROJ. FORM CONTRACTOR
 DTD 13270 OTD 12643 FM/TD MONTOYA
 DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

LOCATION DESCRIPTION

4 MI SE PRAIRIEVIEW, NM
 SURR BY 9300 (WFMP) OIL PROD IN DENTON FLD

CASING/LINER DATA

RAN CSG OR LNR
 PROD CSG-NO DETAILS

PRODUCTION TEST DATA

DEVONIAN PERF 12295-12639
 PERF 12295-12639
 UNDG 12295-12639

MONTOYA PERF 13195-13266
 PERF 13195-13266
 BRPG @12970 13195-13266
 TREATMENT & GAUGE-NO DETAILS
 CMT PLUG 12935-12970

FUSSELMN PERF 12772-12801
 PERF 12772-12801
 BRPG @12700 12772-12801
 TREATMENT & GAUGE-NO DETAILS
 CMT PLUG 12665-12700

OPER RPTD THAT RECOMP ATT IN FUSSELMAN & MONTOYA WAS
 UNSUCCESSFUL. WELL IS PLUGGED BACK TO BASE OF
 DEVONIAN. DISPOSITION OF OLDER PRODUCING DEVONIAN
 ZONE IS NOT RPTD. FINAL TD OR SIZE & DEPTH OF PROD

CONTINUED IC# 300257051191

COMPLETIONS SEC 36 TWP 14S RGE 37E
PI# 30-T-0007 05/15/92 30-025-05213-0002 PAGE 2

TIMBERLINE ENERGY WDD WD
5 POPE T D

PRODUCTION TEST DATA

CSG WAS NOT RPTD BY OPER. TD IS ESTIMATED.

DRILLING PROGRESS DETAILS

TIMBERLINE ENERGY
1660 17TH ST #450
DENVER, CO 80202
303-892-8912

OWDD: OLD INFO: FORMERLY SINCLAIR O&G 5 POPE
T D. ELEV 3815 DF. 13 3/8 @ 311 W/350 SX,
9 5/8 @ 4775 W/2450 SX, 7 @ 12642 W/700 SX.
OTD 12643. COMP 12/2/58. IPP 380 BOPD. PROD
ZONE: DEVONIAN 12295-12639.

11/25 LOC/1991/
01/07 12643 TD, CO
01/20 13270 TD, TSTG
04/06 13270 TD, PREP ACID
05/13 CO TO 12643 OTD
DEEPENED 12643 TO 13270 (EST)
RIG REL 01/12/92
05/13 13270 TD
COMP 4/20/92, D&A

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

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

**REQUEST FOR ALLOWABLE AND AUTHORIZATION
 TO TRANSPORT OIL AND NATURAL GAS**

I.

| | |
|--|---|
| Operator Polaris Production Corp. | Well API No. |
| Address P. O. Box 1749, Midland, TX 79702 | |
| Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain) | |
| New Well <input type="checkbox"/> | Change in Transporter of: |
| Recompletion <input type="checkbox"/> | Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> |
| Change in Operator <input checked="" type="checkbox"/> | Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> |
| If change of operator give name and address of previous operator Timberline Energy, 1660 17th Street, Suite 450, Denver, Colorado 80202 | |

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|--|----------------------|--|---|------------------|
| Lease Name T. D. Pope | Well No. 5 | Pool Name, including Formation Denton Devonian | Kind of Lease State, Federal or Fee Fee | Lease No. Fee |
| Location Unit Letter E : 330 Feet From The West Line and 1980 Feet From The North Line Section 36 Township 14-S Range 37-E , NMPM , Lea 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 702068, Tulsa, OK 74170-2068 | | | |
| 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) | | | |
| If well produces oil or liquids, give location of tanks. | Unit M | Sec. 36 | Twsp. 14 | Rge. 37 |
| | 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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v | Diff Res'v |
|------------------------------------|-----------------------------|----------|-----------------|----------|--------|-------------------|------------|------------|
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | |
| Perforations | | | | | | Depth Casing Shoe | | |

TUBING, CASING AND CEMENTING RECORD

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
|-----------|----------------------|-----------|--------------|
| | | | |
| | | | |

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 Tank | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil - Bbls. | Water - Bbls. | Gas- MCF |

GAS WELL

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

Nancy Stacks
 Signature
Nancy Stacks
 Printed Name
 5-6-92
 Date

Agent
 Title
 (915) 684-8248
 Telephone No.

OIL CONSERVATION DIVISION
MAY 13 '92

Date Approved _____

By **ORIGINAL SIGNED BY JERRY DIXON**
DISTRICT I SUPERVISOR

Title _____

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

| |
|---|
| WELL API NO. 30-025-05273 |
| 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No. |

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. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> |
| 2. Name of Operator Timberline Energy, Inc. |
| 3. Address of Operator 1660 17th St., Ste 450 Denver, CO 80202 |

| |
|--|
| 7. Lease Name or Unit Agreement Name T. D. Pope |
| 8. Well No. 5 |
| 9. Pool name or Wildcat Wildcat |

4. Well Location
Unit Letter E : 330 Feet From The West Line and 1980 Feet From The North Line
Section 36 Township 14S Range 37E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. 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 checked="" type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input 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"/> | | CASING TEST AND CEMENT JOB <input type="checkbox"/> | |
| OTHER: _____ <input type="checkbox"/> | | OTHER: <u>Unsuccessful Recomp. attempt</u> <input checked="" type="checkbox"/> | |

12. 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.

**This well is plugged back to the base of the Devonian Formation.
CIBP @ 12,970' KB w/35' cmt on top.
CIBP @ 12,700' KB w/35' cmt on top.
Montoya perms 13,195 - 13,266.
Fusselman perms 12,772 - 12,801.

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

SIGNATURE William H. Spain TITLE President DATE 8/06/92

TYPE OR PRINT NAME _____ TELEPHONE NO. _____

(This space for State Use)

APPROVED BY Orig. Signed by Paul Kantz Geologist TITLE _____ DATE APR 24 '92

CONDITIONS OF APPROVAL, IF ANY:



SERVICE
TICKET

Cust. ID 32349

L 78893-1

Service Location
H0663

Houston, Texas 77242-2800

Well No. & Farm: T.D. Pope No. 5
County: Lea
State: N.M.
Within City/Offshore Block: N.A.
Date: 4.4.92

Charge To: Timberline Energy Inc.
Owner: Same
Contractor: DAYS
Assembling Location: N.A.

Address: 1660 17th St. Suite 450
Cust. Order No.:
Referral Loc.: N.A.
Well Type: 01
Well Category: 01

City, State, Zip: Denver, Co., 80202
Type and Purpose of Job: 195
Price Schedule: 1989

Max. Serv. Depth: 12,970
Casing Depth: N.A.
Tubing Size: 2.375
Casing Size: 4.5

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished covered by this invoice.

Drill Bit Size: N.A.
Gun Size: N.A.
Truck/Skid No.: 51300
Truck/Skid Type: DLS 17

PAYMENT TERMS: Invoice payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 16% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. See Work Order Contract for additional Terms and Conditions.

Mud Weight: N.A.
Mud Type: N.A.
Well Pressure: N.A.
Bottom Hole Temp.: 130°

Code: 0
API Code:
Hole Type: C.H.
Previous Ticket: L

| Price Reference / Secondary Reference | Assist LOC | Description | Depth | | Units | | Unit Price | Amount |
|---------------------------------------|------------|---------------------------|-------|--------|--------|-------|------------|----------|
| | | | From | To | Qty | Meas. | | |
| 750500 | | Service Charge | | | 1 | Ea. | 865.00 | 865 00 |
| 756910 | | Dump Bailer 1st Run | 0 | 12,970 | 12,970 | Ft. | .24 | 3,112 80 |
| 757000 | | Bridge Plug Depth Chrg. | 0 | 12,700 | 12,700 | Ft. | .24 | 3,048 00 |
| 757004 | | Elite Bridge Plug (4 1/2) | | | 1 | Ea. | 850.00 | 850 00 |
| 756912 | | Dump Bailer 2nd Run | 0 | 12,700 | 12,700 | Ft. | .20 | 2,540 00 |
| 750955 | | 6 bags Cement | | | 6 | Ea. | 10.00 | 60 00 |

THIS IS NOT A CONTRACT

Received by Customer: Field Prints () Film () Tape ()
Book Price: 10,475 80

Less: 6,457 29

Miscellaneous Information
Sub Total: 3,998 01

ILLEGIBLE

Applicable Taxes Will Be Added On Invoice

Tim Morgan
Engineer/Operator No. 1
Emp. # 86310

Customer or His Agent (Please Print): William H. Spives
Engineer/Operator No. 2
Emp. #

The Above Job Was Satisfactorily Performed by: William H. Spives
Customer or His Agent (Signature)
District Manager

FORM HLS 7125 CUSTOMER

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) 30-025-05273 |
| 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No. |

| | | | |
|---|--|--|--|
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK | | | |
| 1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 7. Lease Name or Unit Agreement Name TD POPE | |
| b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 8. Well No. 5 | |
| 2. Name of Operator TIMBERLINE ENERGY, INC. | | 9. Pool name or Wildcat DENTON Wildcat | |
| 3. Address of Operator 1660 17TH ST., #450 DENVER, CO 80202 | | | |
| 4. Well Location Unit Letter <u>E</u> : <u>330</u> Feet From The <u>WEST</u> Line and <u>1980</u> Feet From The <u>NORTH</u> Line Section <u>36</u> Township <u>14S</u> Range <u>37E</u> NMPM LEA County | | | |
| | | 10. Proposed Depth 13,782 | 11. Formation GRANITE |
| | | 12. Rotary or C.T. ROTARY | |
| 13. Elevations (Show whether DF, RT, GR, etc.) 3803 GR | 14. Kind & Status Plug. Bond 1WELL ACTIVE | 15. Drilling Contractor ZIADRILL | 16. Approx. Date Work will start 11/15/91 |
| 17. PROPOSED CASING AND CEMENT PROGRAM | | | |
| SIZE OF HOLE 5-7/8 | SIZE OF CASING 4" INTEGRAL | WEIGHT PER FOOT 11 LB/FT | SETTING DEPTH 13,780 |
| | | | SACKS OF CEMENT 180 |
| | | | EST. TOP 12,000 (TOP OF 4" LINER) |

NOTE: 7" CSG SET @ 12,642
 7" PERFS FROM 12,128 TO 12,480

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 William H. Spires TITLE PRESIDENT DATE 10/31/91
 TYPE OR PRINT NAME WILLIAM H. SPIRES TELEPHONE NO. 303/892-8912

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON TITLE DISTRICT I SUPERVISOR DATE NOV 15 1991

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Date Unless Drilling Underway
Workover

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

Sta. 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

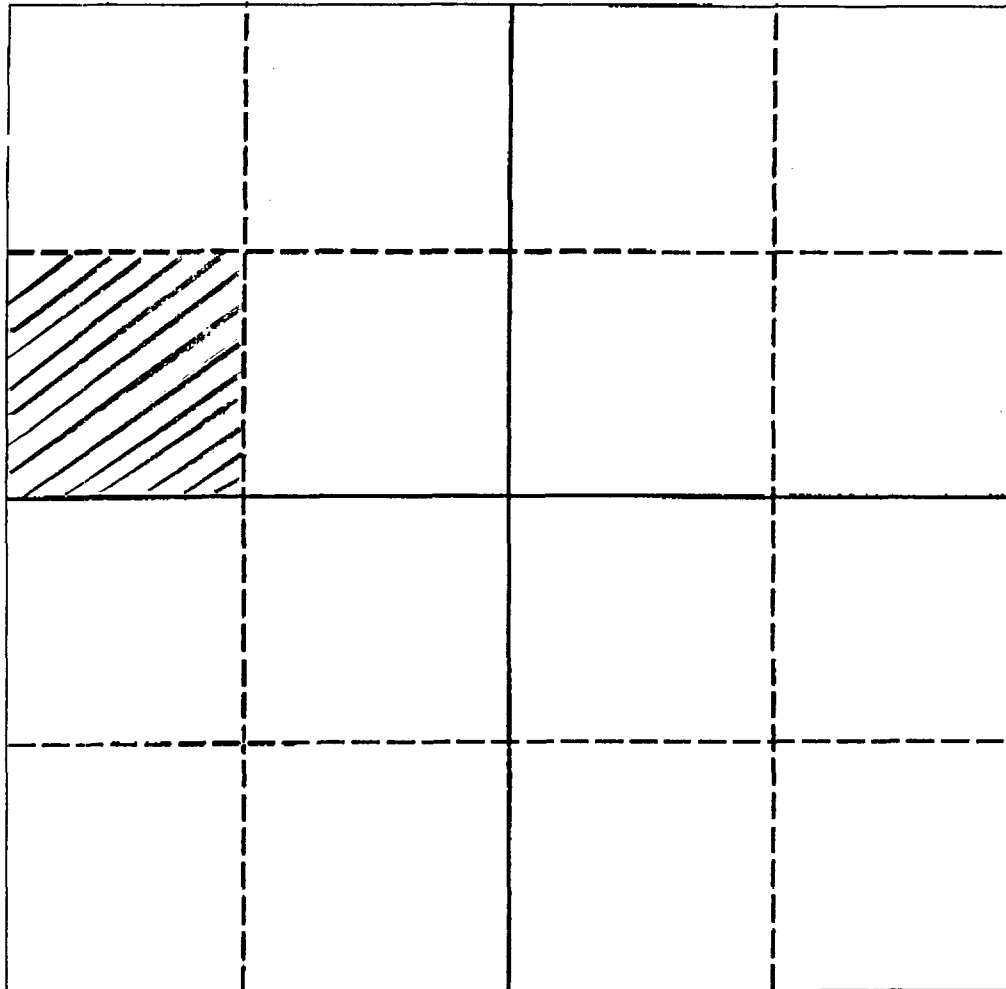
DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

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 TIMBERLINE ENERGY, INC. | | Lease TD POPE | | Well No. 5 |
| Unit Letter E | Section 36 | Township 14S | Range 37E | County LEA |
| Actual Footage Location of Well: 330 feet from the WEST line and 1985 1980 feet from the NORTH line | | | | |
| Ground level Elev. 3803 | Producing Formation GRANITE WASH | Pool DENTON wildcat | | 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 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 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: *William H. Spires*

Printed Name: **William H. Spires**

Position: **President**

Company: **Timberline Energy, Inc.**

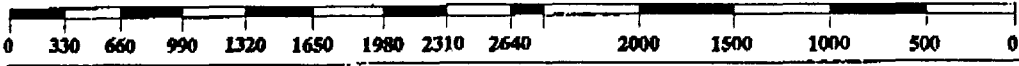
Date: **11/14/91**

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: _____

Signature & Seal of Professional Surveyor: _____

Certificate No.: _____



Submit 5 Copies
 Appropriate District Office
 DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-104
 Revised 1-1-89
 See Instructions
 at Bottom of Page

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

**REQUEST FOR ALLOWABLE AND AUTHORIZATION
 TO TRANSPORT OIL AND NATURAL GAS**

I.

| | |
|---|---|
| Operator Timberline Energy, Inc. | Well API No. 30-025-05273 |
| Address 1660 17th. Street, Suite 450, Denver, Colorado 80202 | |
| Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain) | |
| New Well <input type="checkbox"/> | Change in Transporter of: |
| Recompletion <input type="checkbox"/> | Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> |
| Change in Operator <input checked="" type="checkbox"/> | Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> |
| Change in Operator | |
| If change of operator give name and address of previous operator Polaris Production Corp., P. O. Box 1749, Midland, Texas 79702 | |

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|--|----------------------|---|--|-----------|
| Lease Name T. D. Pope | Well No. 5 | Pool Name, including Formation Wildcat - Granite Wash | Kind of Lease State Federal or Fee | Lease No. |
| Location Unit Letter E : 330 Feet From The West Line and 1980 Feet From The North Line Section 36 Township 14-South Range 37-East , NMPM, Lea 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) | | | | |
| Amoco Pipeline | | | | | |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) | | | | |
| J. L. Davis | | | | | |
| If well produces oil or liquids, give location of tanks. | Unit | Sec. | Twp. | Rge. | Is gas actually connected? 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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v | Diff Res'v |
| | | | | | | | | |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | |
| Perforations | | | | | | | Depth Casing Shoe | |
| TUBING, CASING AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | | SACKS CEMENT | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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 Tank | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | | |
| | | | | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size | |
| | | | | |
| Actual Prod. During Test | Oil - Bbls. | Water - Bbls. | Gas- MCF | |
| | | | | |

GAS WELL

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

Signature *Davis Payne*
 Printed Name **Davis Payne**
 Title **Polaris Production Corp. (former oper)**
 Date **10-31-91** Telephone No. **915/684-8248**

OIL CONSERVATION DIVISION

Date Approved NOV 1 1991
 By Paul Kautz
 Title Geologist

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

BRUCE KING
GOVERNOR

September 18, 1991

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

Polaris Production Corporation
P.O. Box 1749
Midland, TX 79702

Attn: Davis Payne

Re: T.D. Pope #5-E
Sec. 36, T14S, R37E
Cancellation of Proposed Recompletion

Gentlemen:

The proposed recompletion of the above-referenced well from the Devonian to the Granite Wash is hereby cancelled.

Very truly yours,

OIL CONSERVATION DIVISION

A handwritten signature in cursive script, appearing to read "Jerry Sexton".

Jerry Sexton
Supervisor, District I

ed

cc: OCD Santa Fe - Well File

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) 30-025-05273 |
| 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No. |

| | |
|---|--|
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK | |
| 1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> | 7. Lease Name or Unit Agreement Name T. D. Pope |
| b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | |
| 2. Name of Operator Polaris Production Corp. | 8. Well No. 5 |
| 3. Address of Operator P. O. Box 1749, Midland, Texas 79702 | 9. Pool name or Wildcat Denton Wildcat-Granite Wash |
| 4. Well Location Unit Letter <u>E</u> : <u>330</u> Feet From The <u>West</u> Line and <u>1980</u> Feet From The <u>North</u> Line Section <u>36</u> Township <u>14-South</u> Range <u>37-East</u> NMPM Lea County | |

| | | |
|---|---|---|
| 10. Proposed Depth 13,800' | 11. Formation Granite Wash | 12. Rotary or C.T. Rotary |
| 13. Elevations (Show whether DF, RT, GR, etc.) 3803 GR | 14. Kind & Status Plug. Bond Blanket | 15. Drilling Contractor Permian Well Serv. |
| 16. Approx. Date Work will start 4-27-90 | | |

| 17. PROPOSED CASING AND CEMENT PROGRAM | | | | | |
|--|----------------|-----------------|---------------|-----------------|------------|
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
| 17 1/4 | 13 3/8 | 48 | 311 | 350 | Circ. cem. |
| 12 3/4 | 9 5/8 | 36 | 4774 | 2454 | 1220 |
| 8 3/4 | 7 | 23, 29 & 32 | 12,642 | 700 | 8585 |
| 6 | 4 1/2 liner | 15 | 12,100-13,800 | 100 | Circ. |

- Squeeze Devonian Perfs. 12,128-12,480 with 100 sx.
- Perf. 7" csg and circ. 400 sx. cem. fm approx 4700-6000.
- Drill out to 12,500, drill CIBP @ 12,500, and CO to 12,643.
- Squeeze Devonian Perfs. 12,542-12, 639 with 100 sx.
- Drill out below 7" w/ 6" bit to proposed TD as conditions permit.
- Complete using 4 1/2" liner from 12,100 to TD.

Note: Will use 5000 Psi Hydraulic Blow-out Preventer.

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 [Signature] TITLE President DATE 4-23-90
 TYPE OR PRINT NAME Davis Payne TELEPHONE NO. 915/684-824

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON TITLE _____ DATE APR 27 1990
DISTRICT I SUPERVISOR

CONDITIONS OF APPROVAL, IF ANY:
 Permit Expires 6 Months From Approval Date Unless Drilling Underway.
~~Permit Expires 3 Months From Approval Date Unless Drilling Underway.~~
workover

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

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

DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

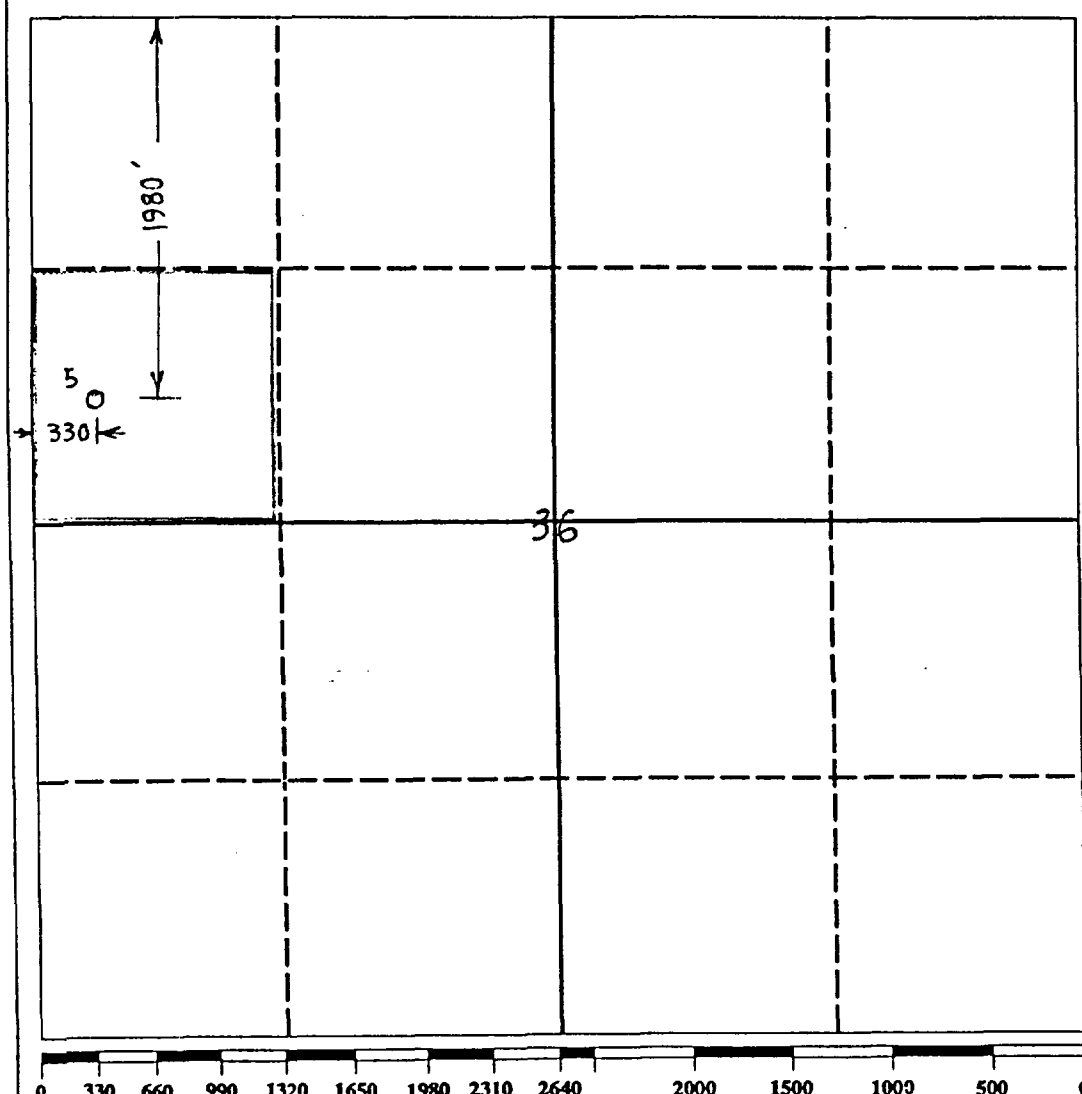
DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

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 Polaris Production Corp. | | | Lease T. D. Pope | | Well No. 5 |
| Unit Letter E | Section 36 | Township 14-South | Range 37-East | County Lea | |
| Actual Footage Location of Well: 330 feet from the West line and 1980 feet from the North line | | | | | |
| Ground level Elev. 3803 | Producing Formation Granite Wash | Pool Denton | | 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 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 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: *Davis Payne*

Printed Name: Davis Payne

Position: President

Company: Polaris Production Corp.

Date: April 23, 1990

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: _____

Signature & Seal of Professional Surveyor: _____

Certificate No.: _____

**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-11
Effective 1-1-85

| | |
|------------------------|-----|
| NO. OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | |
| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| OPERATOR | |
| PRORATION OFFICE | |

I. OPERATOR
Operator
Polaris Production Corp.

Address
P. O. Box 1749, Midland, Texas 79702

Reason(s) for filing (Check proper box) Other (Please explain)

New Well Change in Transporter of: Dry Gas

Recompletion Oil Casinghead Gas Condensate

Change in Ownership

If change of ownership give name and address of previous owner Arco Oil & Gas Company, P. O. Box 1710, Hobbs, New Mexico 88240

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|---------------------------------|---|--|---|-----------|
| Lease Name <u>T. D. Pope</u> | Well No. <u>5</u> | Pool Name, including Formation <u>Denton Devonian</u> | Kind of Lease State, Federal or Fee Fee | Lease No. |
| Location | | | | |
| Unit Letter <u>E</u> | <u>330</u> Feet From The <u>West</u> Line and | <u>1980</u> Feet From The <u>North</u> | | |
| Line of Section <u>36</u> | Township <u>14S</u> | Range <u>37E</u> | , NMPM, <u>Lea</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) | | | |
| <u>Amoco Pipeline Company</u> | <u>201 Main, Suite 500, Ft. Worth, Tx 76102</u> | | | |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) | | | |
| <u>J. L. Davis</u> | <u>211 N. Colorado, Midland, Tx 79701</u> | | | |
| If well produces oil or liquids, give location of tanks. | Unit | Sec. | Twp. | Rge. |
| | <u>M</u> | <u>36</u> | <u>14</u> | <u>37</u> |
| Is gas actually connected? | When | | | |
| <u>Yes</u> | <u>Unknown</u> | | | |

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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| <u>(X)</u> | | | | | | | | |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | |
| Perforations | | | | | | | Depth Casing Shoe | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | | SACKS CEMENT | | |
| | | | | | | | | |
| | | | | | | | | |

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 | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbls. | Gas-MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, 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.

M. N. P...
(Signature)
Geologist
(Title)
5-1-87
(Date)

OIL CONSERVATION COMMISSION

APPROVED MAY 19 1987, 19____

BY Paul Kauts
Geologist

TITLE _____

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the dev tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for able on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter or other such change of c₁y
Separate Forms C-104 must be filed for each pool in completed wells.

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5a. Indicate Type of Lease
State For

5. State Oil & Gas Lease No.

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 GAS WELL OTHER- _____

2. Name of Operator **ARCO Oil and Gas Company**
Division of Atlantic Richfield Company

3. Address of Operator
Box 1710, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER E 330 FEET FROM THE West LINE AND 1980 FEET FROM
THE North LINE, SECTION 36 TOWNSHIP 14S RANGE 37E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
T. D. Pope

9. Well No.
5

10. Field and Pool, or Wildcat
Denton Devonian

15. Elevation (Show whether DF, RT, GR, etc.)
3803' GR

12. County
Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING

TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT

PULL OR ALTER CASING OTHER Acidize & Return to Production

OTHER _____

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.

RU 1/17/80, killed well, installed BOP & POH w/compl assy. RIH w/Lok-set BP & Mod R pkr, set BP @ 12,483' & pkr @ 12,415'. Acidized perms 12,430-12,480' w/30 bbls 15% HCL-NEA acid, 250# ea rock salt & BAF followed by 30 bbls 15% HCL-NEA acid & flushed w/75 bbls KCL wtr. Moved BP to 12,240' & pkr to 12,090', acidized perms 12,128-12,203' w/1000 gals 15% HCL-NEA & flushed w/76 bbls KCL wtr. Reset pkr @ 12,090' & swbd 60 BW in 3 hrs. In 8 hrs swbd 13 BO & 81 BW. POH w/BP & pkr. RIH w/pkr (KVL-30 pkr) & pump cavity on 2-7/8" OD tbg, set pkr @ 12,088', installed well head, ran standing valve & hooked up Kobe pump for test. On 24 hr potential tes 2/24/80 pmpd 18 BO, 150 BW, GTSTM. Final Report.

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

SIGNED For: LEROY LANE TITLE Dist. Drlg. Supt. DATE 2/27/80

APPROVED BY Orig. Signed by Jerry Sexton Dist. L. Supt. TITLE _____ DATE MAR 3 1980

CONDITIONS OF APPROVAL, IF ANY:

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3a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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 ARCO Oil and Gas Company Division of Atlantic Richfield Company | 8. Farm or Lease Name T. D. Pope |
| 3. Address of Operator Box 1710, Hobbs, New Mexico 88240 | 9. Well No. 5 |
| 4. Location of Well UNIT LETTER E 330 FEET FROM THE West LINE AND 1980 FEET FROM THE North LINE, SECTION 36 TOWNSHIP 14S RANGE 37E N.M.P.M. | 10. Field and Pool, or Whdcat Denton Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3803' GR | 12. County Lea |

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

PULL OR ALTER CASING

OTHER Acidize & Return to production

PLUG AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOB

OTHER

ALTERING CASING

PLUG AND ABANDONMENT

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.

This well has been shut in since 1/19/77. The well was producing 1/2 BOPD & was uneconomical to produce. Propose to restore to production in the following manner:

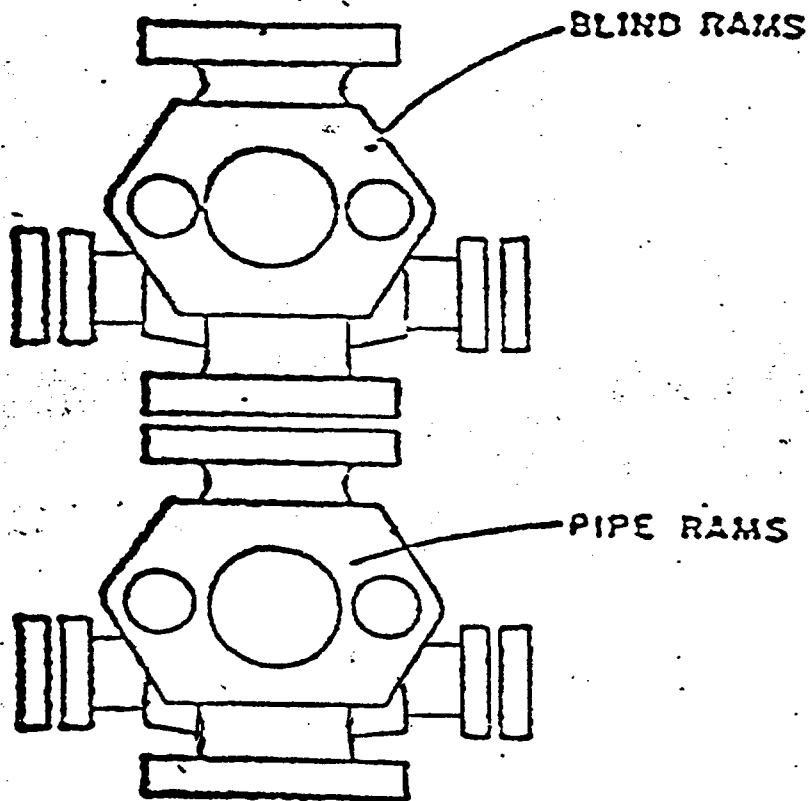
1. Rig up, install BOP, POH w/compl assy. CO to 12,502' PBD.
2. RIH w/pkr, set @ 12,000'. Pressure test csg to 1000# for 30 mins. If necessary, run csg inspection log & cmt squeeze csg w/amt of cmt to be determined.
3. RIH w/RBP, set @ 12,500', pkr @ 12,410'.
4. Acidize perms 12,430-80' w/2500 gals 15% HCL/NEA w/iron sequestering agent in 2 equal stages.
5. Re-set RBP @ 12,420' & pkr @ 12,240'. Acidize perms 12,295-401' w/5000 gals 15% HCL-NEA w/iron sequestering agent in 3 stages using 250# 50/50 rock salt & benzoic acid flakes to divert between stages.
6. Reset RBP @ 12,240', pkr @ 12,090'. Acidize perms 12,128-203' w/1000 gals 15% HCL-NEA acid w/iron sequestering agent & ball sealers.
7. POH w/tbg, pkr & RBP. RIH w/compl assy, test & return to production.

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

SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 11/7/79

APPROVED BY [Signature] TITLE Dist 1, Supv. DATE NOV 13 1979

CONDITIONS OF APPROVAL, IF ANY



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name T. D. Pope

Well No. 5

Location 330' FWL & 1980' FNL
Sec 36-14S-37E, Lea County

BOP to be tested before installed on well and will be maintained in good working condition during drilling. . A wellhead fittings to be of sufficient pressure to operate in a safe manner.

| | |
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| TRANSPORTER | OIL <input type="checkbox"/> |
| | GAS <input type="checkbox"/> |
| OPERATOR | |
| PRORATION OFFICE | |

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

I. Operator **ARCO Oil and Gas Company -
Division of Atlantic Richfield Company**

Address **P. O. Box 1710, Hobbs, New Mexico 88240**

| | |
|--|---|
| Reason(s) for filing (Check proper box) | Other (Please explain) |
| New Well <input type="checkbox"/> | Change in Operator Name effective: 4-1-79 |
| Recompletion <input type="checkbox"/> | |
| Change in Ownership <input type="checkbox"/> | |
| Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> | |
| Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> | |

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

| | | | |
|---|----------------------|--|---|
| Lease Name T. D. Gape | Well No. 5 | Pool Name, including Formation Denton Devonian | Kind of Lease State, Federal or Fee Fee |
| Location Unit Letter E ; 330 Feet From The West Line and 1980 Feet From The North | | | |
| Line of Section 36 , Township 14S , Range 37E , NMPM, Lea 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) |
| Amoco Production Co. | Drawer A, Levelland, Texas 79336 |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |
| Tipperary Resource Corp. | 500 W. Illinois, Midland, Texas 79701 |
| If well produces oil or liquids, give location of tanks. | Unit M , Sec. 36 , Twp. 14 , Rge. 37 |
| | Is gas actually connected? Yes When Unknown |

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 type="checkbox"/> | Gas Well <input type="checkbox"/> | New Well <input 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 No Change | Date Compl. Ready to Prod. | Total Depth | | P.B.T.D. | | | | |
| Pool | Name of Producing Formation | Top Oil/Gas Pay | | Tubing Depth | | | | |
| Perforations | | | | | | | Depth Casing Shoe | |

TUBING, CASING, AND CEMENTING RECORD

| | | | |
|-----------|----------------------|-----------|--------------|
| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
| | | | |
| | | | |
| | | | |

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 No Change | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil - Bbls. | Water - Bbls. | Gas - MCF |

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.

George V. Ruckis
(Signature)
District Prod. & Drig. Supt.
(Title)
3-12-79
(Date)

OIL CONSERVATION COMMISSION

APR 10 1979

APPROVED _____, 19____
BY **Jerry Sexton**
TITLE _____

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 multiply completed wells.

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| OPERATOR | | |

NEW MEXICO OIL CONSERVATION COMMISSION

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

| | | |
|--|--|--|
| SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small> | | 5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> |
| | | 5. State Oil & Gas Lease No. |
| 1. OIL WELL <input checked="" type="checkbox"/> TA GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/> | | 7. Unit Agreement Name |
| 2. Name of Operator Atlantic Richfield Company | | 8. Farm or Lease Name T. D. Pope |
| 3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240 | | 9. Well No. 5 |
| 4. Location of Well UNIT LETTER E 330 FEET FROM THE West LINE AND 1980 FEET FROM THE North LINE, SECTION 36 TOWNSHIP 14S RANGE 37E NMPM. | | 10. Field and Pool, or Wildcat Denton Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3803' GR | | 12. County Lea |

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 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 JOB <input type="checkbox"/> | Temporarily Abandon <input checked="" 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 production on this well has declined to 1/2 BOPD. The well was last produced in December, 1976. The well was shut-in on 1-19-77 because it was uneconomical to produce. A 2"-2000#WOG valve has been installed on the tbg-head. Temp. Abandoned for future possible use in a Denton Dev. Unit

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

SIGNED *Don Davis* TITLE Sr. Dist. Prod. Supur. DATE 11-14-78

APPROVED BY Orig. Signed by Jerry Sexton TITLE _____ DATE NOV 16 1978

CONDITIONS OF APPROVAL, IF ANY: Expires 1/19/79 (2nd)

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| | FOR | | |

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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 GAS WELL OTHER

2. Name of Operator
Atlantic Richfield Company

3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER **E** **330** FEET FROM THE **West** LINE AND **1980** FEET FROM
THE **North** LINE, SECTION **36** TOWNSHIP **14S** RANGE **37E** NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3803' GR

7. Unit Agreement Name

8. Farm or Lease Name
T. D. Pope

9. Well No.
5

10. Field and Pool, or Wildcat
Denton Devonian

12. County
Lea


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 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"/> | Acidize <input checked="" 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.

On 6/9/75 rigged up, installed BOP & pulled Kobe completion assy. POH w/Model D pkr @ 12,230'. Milled & pushed pkr @ 12,417' to 12,502' PBD. RIH w/pkr on 2-7/8" OD tbg, set pkr @ 12,410'. Trtd perfs 12,430-480' w/7500 gals 15% HCL NEA acid w/iron sequestering agent & friction reducer in 2 equal stages separated by 50/50 mix of rock salt & benzoic acid flakes to divert. Flushed w/85 BPW. MP 3100#, Min 0#, ISIP 800#. On vac in 5 mins. POH w/pkr & tbg. WIH w/RBP & pkr on 2-7/8" tbg. Set RBP @ 12,410', set pkr @ 12,030'. Trtd perfs 12,128-12,401' w/18,000 gals HCL NEA acid w/iron sequestering agent & friction reducer in 3 equal stages, separated by 1500# rock salt & benzoic acid flakes to divert. Flushed w/85 BPW. MP 3200#, Min 2800#, ISIP 1400#. 2 min vac. POH w/pkr & RBP. Ran completion assy to test. On 24 hr test 7/1/75 well pmpd 88 BO & 61 BW. Final Report.

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

SIGNED  TITLE Dist. Drlg. Supv. DATE 7/7/75

Eng. Signed by Les Clements
Oil & Gas Insp.

APPROVED BY _____ TITLE _____ DATE JUL 10 1975

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

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| FOR | | | |

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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 GAS WELL OTHER

2. Name of Operator
Atlantic Richfield Company

3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER **E** **330** FEET FROM THE **West** LINE AND **1980** FEET FROM
THE **North** LINE, SECTION **36** TOWNSHIP **14S** RANGE **37E** NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
T. D. Pope

9. Well No.
5

10. Field and Pool, or Wildcat
Denton Dev.

12. County
Lea

15. Elevation (Show whether DF, RT, GR, etc.)
3803' GR

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 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"/> | | CASING TEST AND CEMENT JOB <input type="checkbox"/> | |
| OTHER Acidize, return to production <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.

TD 12,643', PBD 12,502'. Present perms 12,128-226', 12,295-401', 12,430-80'.
Propose to acidize present perms to stimulate production in the following manner:

1. Install BOP.
2. POH w/completion assy. POH w/Model D pkr @ 12,246'. Mill over & push Model D pkr @ 12,415' to PBD 12,502'.
3. GIH w/tbg, pkr & RBP. Set pkr @ 12,410' & RBP @ 12,495'.
4. Acidize perms 12,430-80' w/7500 gals 15% HCL NEA w/iron sequestering agent, friction reducer & 750# 50/50 mix rock salt & benzoic acid flakes to divert.
5. Pull up hole w/pkr & RBP. Set RBP @ 12,420' & pkr @ 12,240'.
6. Acidize perms 12,295-401' w/15,000 gals 15% HCL NEA w/iron sequestering agent, friction reducer & 1500# 50/50 mix rock salt & benzoic acid flakes to divert.
7. Pull up hole w/pkr & RBP. Set RBP @ 12,240' & pkr @ 12,090'.
8. Acidize perms 12,128-203' w/3000 gals 15% HCL NEA w/iron sequestering agent, friction reducer using 30 ball sealers (1 per 100 gals) to divert.
9. POH w/tbg, Pkr & RBP.
10. GIH w/completion assy & return to production.

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

SIGNED [Signature] TITLE Dist. Drlg. Supv. DATE 5/27/75

APPROVED BY John Runyan TITLE Geologist DATE JUN 7 1975

CONDITIONS OF APPROVAL, IF ANY:

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| | GAS |
| OPERATOR | |
| PRORATION OFFICE | |

**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

I. OPERATOR
Operator
ATLANTIC-RICHFIELD COMPANY
Address
P.O. Box 1978, Roswell, New Mexico 88201

Reason(s) for filing (Check proper box) Other (Please explain)

New Well Change in Transporter of:
Recompletion Oil Dry Gas
Change in Ownership Casinghead Gas Condensate **Effective May 1, 1970**

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|---|----------------------|--|--|-----------|
| Lease Name T. D. Pope | Well No. 5 | Pool Name, including Formation Denton Devonian | Kind of Lease Leasehold or Fee | Lease No. |
| Location Unit Letter E 330 Feet From The West Line and 1980 Feet From The North Line of Section 36 Township 14S Range 37E , NMPM, Lea 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"/> AMOCO Pipeline Company | Address (Give address to which approved copy of this form is to be sent) Box 1088, Lovington, New Mex. 88260 | | | |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Tipperary Resource Corporation | Address (Give address to which approved copy of this form is to be sent) 500 West Illinois, Midland, Tex. 7970 | | | |
| If well produces oil or liquids, give location of tanks. | Unit M | Sec. 36 | Twp. 14S | Rge. 37E |
| | Is gas actually connected? Yes | | 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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | |
| Perforations | | | | | | Depth Casing Shoe | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | | SACKS CEMENT | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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 | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbls. | Gas-MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, 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.

Fred Guppitt
(Signature)
Reports Clerk
(Title)
6-2-70
(Date)

OIL CONSERVATION COMMISSION

APPROVED JUN 4 1970

BY *[Signature]*

TITLE SUPERVISOR DISTRICT

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 only Sections I, II, III, and VI 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 multiple completed wells.

DUPLICATE

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

NEW MEXICO OIL CONSERVATION COMMISSION

Orig & 2cc: OCC Hobbs
cc: Regional Office
cc: file

| | | |
|------------------------|--|--|
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| DISTRIBUTION | | |
| SANTA FE | | |
| FILE | | |
| U.S.G.S. | | |
| LAND OFFICE | | |
| OPERATOR | | |

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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 PROPOSAL" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL GAS WELL into Atlantic Richfield Company
effective - March 4, 1969

2. Name of Operator
Sinclair Oil & Gas Company

3. Address of Operator
P. O. Box 1920, Hobbs, New Mexico

4. Location of Well
UNIT LETTER E 330 FEET FROM THE West LINE AND 1980 FEET FROM
THE North LINE, SECTION 36 TOWNSHIP 14S RANGE 37E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
T. D. Pope

9. Well No.
5

10. Field and Pool, or Wildcat
Denton Devonian

15. Elevation (Show whether DF, RT, GR, etc.)
3803' GR

12. County
Lea

16.

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

PULL OR ALTER CASING

OTHER _____

PLUG AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOB

OTHER _____

ALTERING CASING

PLUG AND ABANDONMENT

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.

- 6-29-66 Set C.I. B.P. @ 12,516' w/2 sks cement 12,516-12,502'. PBD 12,502'.
- 7-1-66 Acidized Devonian perfs. 12,446-496' w/2000 Gals. 7-1/2% Dolo wash w/240000 Cu. ft. CO² plus 200 ball sealers. Max. Press. 600#, Min. 300# @ 2 BPM, 10" SIP 200#.
- 7-23-66 Set Model "D" Packer @ 12,415' w/expendable plug. Acidized Devonian perfs. 12,295' to 12,401' w/2000 gals. 7 1/2% Dolo wash plus 241500 cu. ft. CO² plus 200# moth balls in 3 stages, Max. Press. 2600#, Min. 500# @ 6.6 BPM, Inst. SIP 600#, 10" SIP 400#.
- 7-30-66 Pulled Model D packer @ 12,415' and jet perforated Devonian 12,128-133-135-137-155-162-168-174-190-200-203' w/22-3/8" holes. Set Model "D" Prod. Packer @ 12,246' w/2.60" I.D. & expendable plug.
- 8-1-66 M. A. washed Devonian perforations 12,128-12,226' w/1000 gals. mud acid plus 37 ball sealers. Max. Press. 4000#, Min. 0# @ 2.6 BPM. Inst. SIP 900#, 10" SIP 700#.
- 8-3-66 Acidized Devonian perfs. 12,226-12,128' w/2000 gals. Dolo Wash plus 24 tons (483000 cu. ft.) CO², Max. Press. 2000#, no break @ 2.2 EPM. Inst. SIP 1200#, 5" SIP 500#. Pushed expendable plus from Model "D" packer @ 12,246', ran 2-7/8" OD tubing and Lok-set packer w/Kobe cavity to 11,983'.
- 8-15-66 On potential test 24 hours ending 6:00 PM 8-15-66 pumped Devonian perforations 12,128-12,480' 83 BNO plus 19 BFW, GOR 925:1. Recompleted same zone after additional perfs.

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

SIGNED [Signature] TITLE Superintendent DATE 8-17-66

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Sub 10 1966

DUPLICATE

HOBBS OFFICE O.C.C.

NEW MEXICO OIL CONSERVATION COMMISSION
Original cc: OCC, Hobbs, JUN 8 11 48 AM '66
cc: Regional Office
cc: file

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

| | | |
|------------------------|--|--|
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| FILE | | |
| U.S.G.S. | | |
| LAND OFFICE | | |
| OPERATOR | | |

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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 - I" (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 Sinclair Oil & Gas Company | 8. Farm or Lease Name T. D. Pope |
| 3. Address of Operator P. O. Box 1920, Hobbs, New Mexico | 9. Well No. 5 |
| 4. Location of Well UNIT LETTER <u>E</u> <u>330</u> FEET FROM THE <u>street</u> LINE AND <u>660-1980</u> FEET FROM <u>East North</u> <u>36</u> THE LINE. SECTION TOWNSHIP <u>14S</u> RANGE <u>37E</u> NMPM. | 10. Field and Pool, or Wildcat Denton Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3803' GR | 12. County Lea |

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

| NOTICE OF INTENTION TO: | SUBSEQUENT REPORT OF: |
|---|---|
| PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> |
| PULL OR ALTER <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> |
| OTHER <input type="checkbox"/> | OTHER <input type="checkbox"/> |
| PLUG AND ABANDON <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| CHANGE PLANS <input type="checkbox"/> | PLUG AND ABANDONMENT <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.

TD 12,643', PBTD 12,640'. Presently completed Devonian 12,295-12,401', 12,430-12,480' and 12,542-12,639'.

PROPOSE TO: Set C.I. Bridge Plug @ 12,500' w/2 sacks cement on top. Set Model "D" packer @ 12,415' and acidize Devonian perfs. 12,430-12,480' w/approx. 2000 gals. Dolowash plus 12 tons (200,000 Cu. Ft. CO₂). Perforate 2 - 3/8" jet shots @ approx 12,202 and 12,210'. Set Model "D" pkr @ 12,220 and acidize w/approx. 2000 gals. Dolowash acid plus 12 tons CO₂. Perforate 2 - 3/8" jet shots @ each interval 12,112, 12,117, 12,119, 12,121, 12,139, 12,146, 12,152, 12,158, 12,174, 12,184, 12,187'. Treat perfors. 12,112 to 12,210' w/1000 gals. Mud acid. Retreat w/approx. 2000 gals. Dolowash Acid plus 24 tons CO₂. Test and put all perforations from 12,112 to 12,480' together and return to production.

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

SIGNATURE [Signature] TITLE Superintendent DATE 6-7-66

APPROVED BY [Signature] DATE JUN 18 1966

CONDITIONS OF APPROVAL, IF ANY:

| | |
|---------------------------|--------------------------------|
| NUMBER OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | |
| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| OPERATION OFFICE | Sinclair Oil Company |
| OPERATOR | into Atlantic Refining Company |
| | effective March 4 |

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

FORM C-110
(Rev. 7-60)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

DEC 3 1 35 PM '63

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

| | | | |
|--|----------------------|---|----------------------|
| Company or Operator Sinclair Oil & Gas Company | | Lease T. B. Pope | Well No. 5 |
| Unit Letter B | Section 36 | Township 14S | Range 37E |
| Pool Denton (Devonian) | | Kind of Lease (State, Fed, Fee) Fee | |

| | | | | |
|--|-------------------------|----------------------|------------------------|---------------------|
| If well produces oil or condensate give location of tanks | Unit Letter B | Section 36 | Township 14S | Range 37E |
|--|-------------------------|----------------------|------------------------|---------------------|

| | |
|--|--|
| Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> Service Pipe Line Company | Address (give address to which approved copy of this form is to be sent) Box 337, Midland, Texas |
|--|--|

Is Gas Actually Connected? Yes No

| | | |
|---|----------------|---|
| Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/> The Atlantic Refining Company | Date Connected | Address (give address to which approved copy of this form is to be sent) Box 696, Lovington, New Mexico |
|---|----------------|---|

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING (please check proper box)

- New Well
- Change in Ownership
- Change in Transporter (check one)
 - Oil
 - Dry Gas
 - Casing head gas .
 - Condensate..
- Other (explain below)

Remarks

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 26th day of November, 1963.

| | | |
|-----------------------------|-------------------|---|
| OIL CONSERVATION COMMISSION | | By |
| Approved by | | District Superintendent |
| Title | | Sinclair Oil & Gas Company |
| Date | DEC 4 1963 | Address 520 East Broadway Hobbs, New Mexico |

DUPLICATE

Form C-103
(Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Sinclair Oil & Gas Company - 520 East Broadway - Hobbs, New Mexico
(Address)

LEASE T.R. Pope WELL NO. 5 UNIT E S 36 T 14S R 37E

DATE WORK PERFORMED As Shown POOL Barton Division

This is a Report of: (Check appropriate block)

Results of Test of Casing Shut-off

Beginning Drilling Operations Remedial Work

Plugging Other _____

Detailed account of work done, nature and quantity of materials used and results obtained.

11-25-58 12640PB Dev. - Palled tbg. Perf. & Jet shots per ft. f/12295-12401 & 12430-12480. (624 holes)

11-26-58 12640PB Dev. - Run Retrivable Bridge Plug to 12511, tbg. @ 12295 w/packer @ 12302'. Acid. perf. f/12295-401; 12430-480 w/5000 gal. 15T acid. Max. press. 3700#. Min. press. 2000#. Duj. rate 8 bbls. per min. SIP 1000#.

12-2-58 12640PB Dev. - On potential test pumped 300 bbls. av. 45.6 Cvty oil 24 hrs. OOR 1320. Calendar day allowable 193 bbls.

ILLEGIBLE

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3815 TD 12643 PBD 12640 Prod. Int. _____ Compl Date 12-21-53

Tbng. Dia 24 Tbng Depth 12634 Oil String Dia 7 Oil String Depth 12642

Perf Interval (s) 12542-12639

Open Hole Interval _____ Producing Formation (s) _____

| RESULTS OF WORKOVER: | BEFORE | AFTER |
|----------------------------------|--|----------------|
| Date of Test | <u>11-30-58</u> | <u>12-2-58</u> |
| Oil Production, bbls. per day | <u>115</u> | <u>300</u> |
| Gas Production, Mcf per day | _____ | _____ |
| Water Production, bbls. per day | <u>0</u> | <u>0</u> |
| Gas-Oil Ratio, cu. ft. per bbl. | <u>622</u> | <u>1320</u> |
| Gas Well Potential, Mcf per day | _____ | _____ |
| Witnessed by <u>Warren Black</u> | <u>Sinclair Oil & Gas Company</u> (Company) | |

OIL CONSERVATION COMMISSION

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

Name [Signature]
 Title [Signature]
 Date _____

Name [Signature]
 Position District Superintendent
 Company Sinclair Oil & Gas Company

Orig & 2 cc: OCC
 cc: PNR, NFD, File
 cc: Shell Oil Co.; Redfern Oil Co.; Nord Oil & Gas Co.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBBS OFFICE 000

DUPLICATE

MISCELLANEOUS NOTICES

Submit this notice in **TRIPLICATE** to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|----------|---|----------|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | | NOTICE OF INTENTION TO ACIDIZE | X | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | X | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico
(Place)

November 25, 1958
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Sinclair Oil & Gas Company **T.D. Pope** Well No. **5** in **N**
(Company or Operator) Lease (Unit)

NW $\frac{1}{4}$ **NW** $\frac{1}{4}$ of Sec. **36** T. **14N** R. **37E** **Denton Devonian** Pool
(40-acre Subdivision) **Lee** County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

PROPOSE TO: Perforate additional Devonian Zone f/12295-12401 and 12430-12480. Acidise above perforations w/5000 gals acid.

ILLEGIBLE

Approved..... **Nov 25 1958** 19.....
Except as follows:

Sinclair Oil & Gas Company
Company or Operator

By..... **L.M. Sellers**

Position..... **Asst. Dist. Supt.**
Send Communications regarding well to:

Approved
OIL CONSERVATION COMMISSION

Name..... **L.M. Sellers**

By..... **L.M. Sellers**

Address..... **520 E Broadway, Hobbs, N.M.**

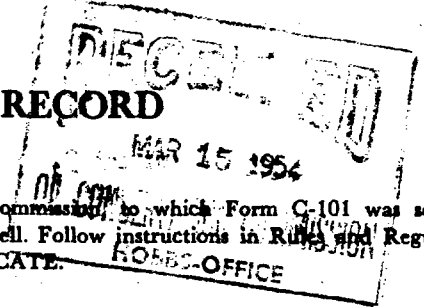
Title.....

Orig & 2cc: OCG; cc:FHR, RFD, File

cc: Shell Oil Co.; Redfern Oil Co.
Herd Oil & Gas Co.

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
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NEW MEXICO OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico
WELL RECORD
 Orig: & Acc: OGC
 cc: VDA
 JTR
 EIC
 HAM
 F



Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

AREA 640 ACRES
 LOCATE WELL CORRECTLY

Sinclair Oil & Gas Company
 (Company or Operator)

T. B. Pope
 (Lease)

Well No. **5**, in **SW** 1/4 of **NW** 1/4, of Sec. **36**, T. **14 S**, R. **37 E**, NMPM.
Denton Pool, **Lea** County.

Well is **1980** feet from **North** line and **330** feet from **West** line of Section **36**. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced **9-3**, 19**53** Drilling was Completed **12-21**, 19**53**

Name of Drilling Contractor **Warren Bradshaw Exploration Co.**

Address **Tulsa, Okla.**

Elevation above sea level at Top of Tubing Head **3809**. The information given is to be kept confidential until _____, 19_____

OIL SANDS OR ZONES

No. 1, from **12542** to **12639** No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **None** to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

ILLEGIBLE

CASING RECORD

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|--------|-----------------|-------------|--------|--------------|---------------------|--------------|---------|
| 13 3/8 | 48 | N | 309 | Larkin | | | |
| 9 5/8 | 36 | N | 4772 | " | | | |
| 7 | 29 | N | 12642 | " | | | |
| 2 1/2 | 6.5 | N | 12634 | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 17 1/4 | 13 3/8 | 311 | 350 | BJ | | |
| 12 3/4 | 9 5/8 | 4774 | 2454 | BJ | | |
| 8 3/4 | 7 | 12642 | 700 | BJ | | |
| | 2 1/2 | 12634 | | | | |

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Treated w/1,000 Gal. of Mud acid
 Treated w/3,000 Gal. of 15% regular acid

Result of Production Stimulation **Potential test of 1505 BOD**

Depth Cleaned Out **12640**

REPORT OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from Surface feet to 12643 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing January 3, 19 54
 OIL WELL: The production during the first 24 hours was 1505 barrels of liquid of which 100 % was
 was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
 Gravity 44.2
 GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of
 liquid Hydrocarbon. Shut in Pressure _____ lbs.
 Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

| Southeastern New Mexico | | Northwestern New Mexico | |
|--------------------------|-------------|----------------------------|--------------|
| T. Anhy..... | <u>8122</u> | T. Devonian..... | <u>12105</u> |
| T. Salt..... | <u>2210</u> | T. Silurian..... | |
| B. Salt..... | | T. Montoya..... | |
| T. Yates..... | <u>3122</u> | T. Simpson..... | |
| T. 7 Rivers..... | <u>3277</u> | T. McKee..... | |
| T. Queen..... | <u>4115</u> | T. Ellenburger..... | |
| T. Grayburg..... | <u>4245</u> | T. Gr. Wash..... | |
| T. San Andres..... | <u>4670</u> | T. Granite..... | |
| T. Glorieta..... | <u>6161</u> | T. | |
| T. Drinkard..... | | T. | |
| T. Tubbs..... | <u>7300</u> | T. | |
| T. Abo..... | <u>7999</u> | T. | |
| T. Penn. <u>Wolfcamp</u> | <u>9130</u> | T. | |
| T. Miss..... | | T. | |
| | | T. Ojo Alamo..... | |
| | | T. Kirtland-Fruitland..... | |
| | | T. Farmington..... | |
| | | T. Pictured Cliffs..... | |
| | | T. Menefee..... | |
| | | T. Point Lookout..... | |
| | | T. Mancos..... | |
| | | T. Dakota..... | |
| | | T. Morrison..... | |
| | | T. Penn..... | |
| | | T. | |
| | | T. | |
| | | T. | |
| | | T. | |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|-------|-------|-------------------|------------------|------|----|-------------------|-----------|
| 0 | 1310 | 1310 | Redbed & redrock | | | | |
| 1310 | 2155 | 845 | Redbed & Shells | | | | |
| 2155 | 2295 | 140 | Anhydrite | | | | |
| 2295 | 3254 | 959 | Redbed & Salt | | | | |
| 3254 | 3762 | 508 | Anhydrite | | | | |
| 3762 | 4727 | 965 | Anhydrite & Gyp | | | | |
| 4727 | 5795 | 1068 | Lime | | | | |
| 5795 | 6472 | 677 | Sandy lime | | | | |
| 6472 | 8870 | 2398 | Lime | | | | |
| 8870 | 9022 | 152 | Lime & Gyp | | | | |
| 9022 | 9855 | 833 | Lime | | | | |
| 9855 | 10551 | 696 | Lime & Shale | | | | |
| 10551 | 10892 | 341 | Lime | | | | |
| 10892 | 10987 | 95 | Lime & Shale | | | | |
| 10987 | 11308 | 321 | Lime | | | | |
| 11308 | 11619 | 311 | Lime & Chert | | | | |
| 11619 | 11941 | 322 | Lime | | | | |
| 11941 | 12359 | 418 | Lime & Shale | | | | |
| 12359 | 12643 | 284 | Lime | | | | |
| | 12640 | PSTD | | | | | |

ILLEGIBLE

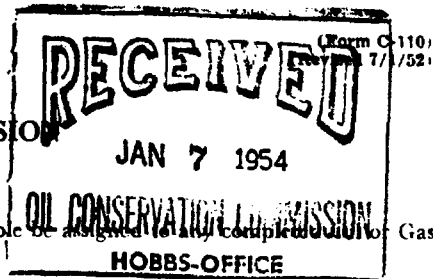
ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator Sinclair Oil & Gas Company Address Box 1927 Hobbs, New Mexico
 Name [Signature] Position or Title Dist. Supt.
 Date March 9, 1954

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



It is necessary that Form C-104 be approved before this form can be approved an initial allowable well. Submit this form in QUADRUPPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Sinclair Oil & Gas Company Lease T. D. Pope

Address Box 1927 Hobbs, New Mexico Box 521 Tulsa, Oklahoma
(Local or Field Office) (Principal Place of Business)

Unit B, Well(s) No. 5, Sec. 36, T. 14-S, R. 37-S, Pool Denton

County Lea Kind of Lease: Fee

If Oil well Location of Tanks On lease - common battery

Authorized Transporter Service Pipe Line Company Amoco Pipeline Co. Address of Transporter
Box 337 Midland, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100 Other Transporters authorized to transport Oil or Natural Gas from this unit are _____ %

REASON FOR FILING: (Please check proper box)

NEW WELL CHANGE IN OWNERSHIP

CHANGE IN TRANSPORTER OTHER (Explain under Remarks)

REMARKS:

New Well

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 6th day of January 19 54

Sinclair Oil & Gas Company

Approved JAN 8 1954, 19

OIL CONSERVATION COMMISSION

By S. G. Stanley
Title Engineer District 1

By Ed Sutter
Title Dist. Supt.

RECEIVED Form C-104 7/1/52

DUPLICATE

REQUEST FOR (OIL) - (GAS) ALLOWABLE JAN 7 1954 New Well Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned... Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was filed...

Hobbs, New Mexico Jan. 6, 1953 (Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Sinclair Oil & Gas Company T. D. Pope, Well No. 5, in SW 1/4 NW 1/4

E, Sec. 36, T. 14-S, R. 37-E, NMPM, Denton Pool (Unit)

Lee County. Date Spudded 9-3-53, Date Completed 1-3-54

Please indicate location:

Grid for location indication with a dot in the top-left cell.

Elevation 3803 Total Depth P.B.

Top oil/gas pay 12105 Prod. Form Devonian

Casing Perforations: 12512 to 12639

Depth to Casing shoe of Prod. String

Natural Prod. Test None BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot 1505 BOPD

Based on 752.45 bbls. Oil in 12 Hrs. Mins.

Gas Well Potential

Size choke in inches 3/4"

Date first oil run to tanks or gas to Transmission system: Jan. 3, 1954

Transporter taking Oil or Gas: Service Pipe Line Company

Remarks: New well

ILLEGIBLE

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

Approved JAN 8 1954, 19

Sinclair Oil & Gas Company (Company or Operator)

OIL CONSERVATION COMMISSION

By: S. J. Stanley

By: [Signature] (Signature)

Title Engineer District 1

Title Dist. Supt. Send Communications regarding well to:

Name Sinclair Oil & Gas Company

Address Box 1927 Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
JAN 7 1954
OIL CONSERVATION COMMISSION
HOBBS OFFICE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|----------|---|----------|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | X | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON Perforation (Other) and Acidizing | X |

January 6, 1954
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Sinclair Oil & Gas Company (Company or Operator) T. D. Pope (Lease)
Warren-Bradshaw Exploration Corp. (Contractor), Well No. 5 in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 36
T. 14 S., R. 37 E., NMPM., Denton Pool, Lea County.

The Dates of this work were as follows: Dec. 25, 29, 1953. Jan 2, 3, 1954.

Notice of intention to do the work (~~was~~ (was not) submitted on Form C-102 on _____, 19____, and approval of the proposed plan (was) (was not) obtained. (Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

TD 12643 - PBD 12640 - Set 7" OD casing @ 12642 and cemented with 700 sacks of cement. Ran temperature survey which indicated cement behind 7" OD casing @ 8585' from surface. Let cement set 72 hours and tested casing with 750# for 30 minutes before and after drilling cement plug. Drilled cement plug to 12640. Perforated 7" OD casing from 12542 to 12639 with 4 jet shots per foot. Ran 12634' of 2 1/2" tubing and swabbed load water for 47 hours. show of oil and gas. Loaded hole with oil and acidized with 1,000 gallons of mud acid. Swabbed for 12 hours. Reloaded hole with oil and acidized with 3,000 gallons of 15% regular acid. Swabbed load oil for 9 hours. Well flowed 752.45 barrels of new oil thru 3/4" choke in 12 hours.

ILLEGIBLE

Witnessed by H. W. Shaner (Name) Sinclair Oil & Gas Co. (Company) Foreman (Title)

Approved: S. G. Stanley (Name)
Engineer District 1 (Title)
JAN 8 1954 (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.
Name Bob Miller
Position Dist. Supt.
Representing Sinclair Oil & Gas Co.
Address Box 1 927 Hobbs, New Mexico

Orig: & cc: OOC
cc: VDA

(Form C-103)
(Revised 7/1/52)

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
SEP 23 1953
OIL CONSERVATION COMMISSION
HOBBBS, N.M.

Submit this report in TRIPPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|-------------------------------------|--------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

Sept. 21, 1953 (Date) Hobbs, N.M. (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Sinclair Oil & Gas Company (Company or Operator) T. B. Pope (Lease)

Warren Bradshaw Exploration Co. (Contractor), Well No. 5 in the SW 1/4 NW 1/4 of Sec. 36

T. 14 S., R. 37 E., NMPM., Denton Pool, Lea County.

The Dates of this work were as follows: 9-19-53

Notice of intention to do the work (was) submitted on Form C-102 on _____, 19____, and approval of the proposed plan (was) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

TD - 4775 - Set 9 5/8" OD casing @ 4774 and cemented with 2454 sacks of cement. Let set 48 hours and tested with 1000#, drilled cement plug and retested with 1000# for 30 minutes. No decrease in pump pressure, resumed drilling.

ILLEGIBLE

Witnessed by H. W. Shaner (Name) Sinclair Oil & Gas Co. (Company) Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

S. G. Stanley (Name)

Engineer District 1 (Title) SEP 24 1953 (Date)

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

Name: *Ed Miller*
Position: Dist. Supt.
Representing: Sinclair Oil & Gas Co.
Address: Box 1927 Hobbs, N.M.

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
AUG 22 1953
OIL CONSERVATION COMMISSION

NOTICE OF INTENTION TO DRILL OR RECOMPLETION

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or re-completion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in **QUINTUPLICATE**. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Tulsa, Oklahoma
(Place)

August 21, 1953
(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (~~Recompletion~~) of a well to be known as
Sinclair Oil & Gas Company

(Company or Operator)

T. D. Pope
(Lease)

Well No. **5**

in **"E"**
(Unit)

The well is

located **330** feet from the **West** line and **1980** feet from the **North** line of Section **36**, T. **14S**, R. **37E**, NMPM.

(GIVE LOCATION FROM SECTION LINE) **Denton (Devonian)** Pool, **Lee** County

If State Land the Oil and Gas Lease is No.

If patented land the owner is **(see attached)**

Address

We propose to drill well with drilling equipment as follows:
Rotary

The status of plugging bond is

Drilling Contractor

We intend to complete this well in the **Devonian** formation at an approximate depth of **12,800** feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

| Size of Hole | Size of Casing | Weight per Foot | New or Second Hand | Depth | Bags Cement |
|--------------|----------------|-----------------|--------------------|---------|-------------|
| 17-1/4" | 13-3/8" | 48# | New | 350' | 350 |
| 12-1/4" | 9-5/8" | 40# | " | 4750' | 1200 |
| 8-3/4" | 7" | 26, 29 & 32# | " | 12,800' | 700 |

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

AUG 24 1953

Approved....., 19.....
Except as follows:

OIL CONSERVATION COMMISSION
By **J. J. Stanley**
Title **Engineer District 1**

Sincerely yours,

Sinclair Oil & Gas Company
(Company or Operator)

By **John W. Johnson**

Position **Vice-President**

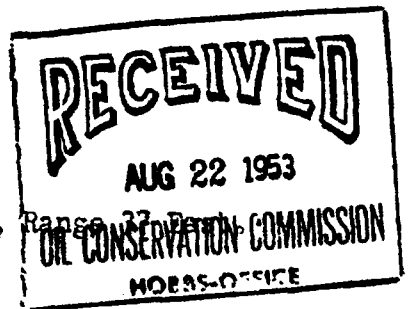
Send Communications regarding well to

Name **John W. Johnson**

Address **Sinclair Oil & Gas Company**

P.O. Box 521, Tulsa, 2, Oklahoma

ILLEGIBLE



LIST OF MINERAL OWNERS
W/2 Section 36, Twp. 14 South, Range 27 East

| <u>NAME</u> | <u>INTEREST</u> | <u>LEASE</u> |
|--|-----------------|---|
| Harry Lange | 5/960 | O Sinclair O & G |
| Stanley F. Jackes | 20/960 | U John Herd 40% |
| | | John J. Redfern 60% |
| Roy V. Flesh | 15/960 | K Shell Oil Co. |
| B. D. Buckley | 40/960 | H Sinclair O & G |
| Erle Payne & Marguerite Payne with sole right to the survivor | 20/960 | T Shell Oil Co. |
| Fannie May Gardner | 40/960 | A Sinclair Oil & Gas |
| B. H. Pope | 120/960 | A " |
| B. L. Pope, incompetent Fonzo Fort, guardian | 80/960 | A " |
| A. T. Pope | 100/960 | A " |
| O. A. Pope | 120/960 | A " |
| Mrs. J. R. Fort | 60/960 | A " |
| G. M. Shelton | 50/960 | I " |
| T. L. Stall | 8/960 | J Shell Oil Co. |
| J. W. Hunt | 4/960 | J " |
| John J. Redfern, Box 921 Midland, Tex | 5/2880 | J " |
| Margaret A. Redfern | 1/2880 | J " |
| Frank J. Redfern | 2/960 | J |
| Margaret M. Redfern | 2/960 | J |
| John J. Redfern, Jr. | 2/960 | J |
| J. H. Herd, Box 921, Midland | 6/960 | Not Leased |
| J. H. Herd, " " | 2/960 | R Sinclair O & G |
| Rosalind Redfern | 9/960 | Not Leased. Leased to John J. Redfern, Jr. |
| Wm. B. Johnston, 710 Marienfield, Midland, Texas | 3/960 | R Sinclair O & G |
| (Rosalind Redfern | 60% of 45/960 | " |
| (J. H. Herd | 40% of 45/960 | " |
| H. L. Brown & W. R. Wheeler | 120/960 | A " |
| Paul L. Davis | 37.5/960 | A " |
| Harry Adams & L. H. Tyson | 15/960 | A " |
| W. E. Collins | 7.5/960 | A " |
| Ralph Lowe | 20/960 | A " |
| Lessing Alch & Mary Alch, his wife | 5/960 | V Herd & Redfern |

WELL LOCATION SURVEY PLAT.

COMPANY

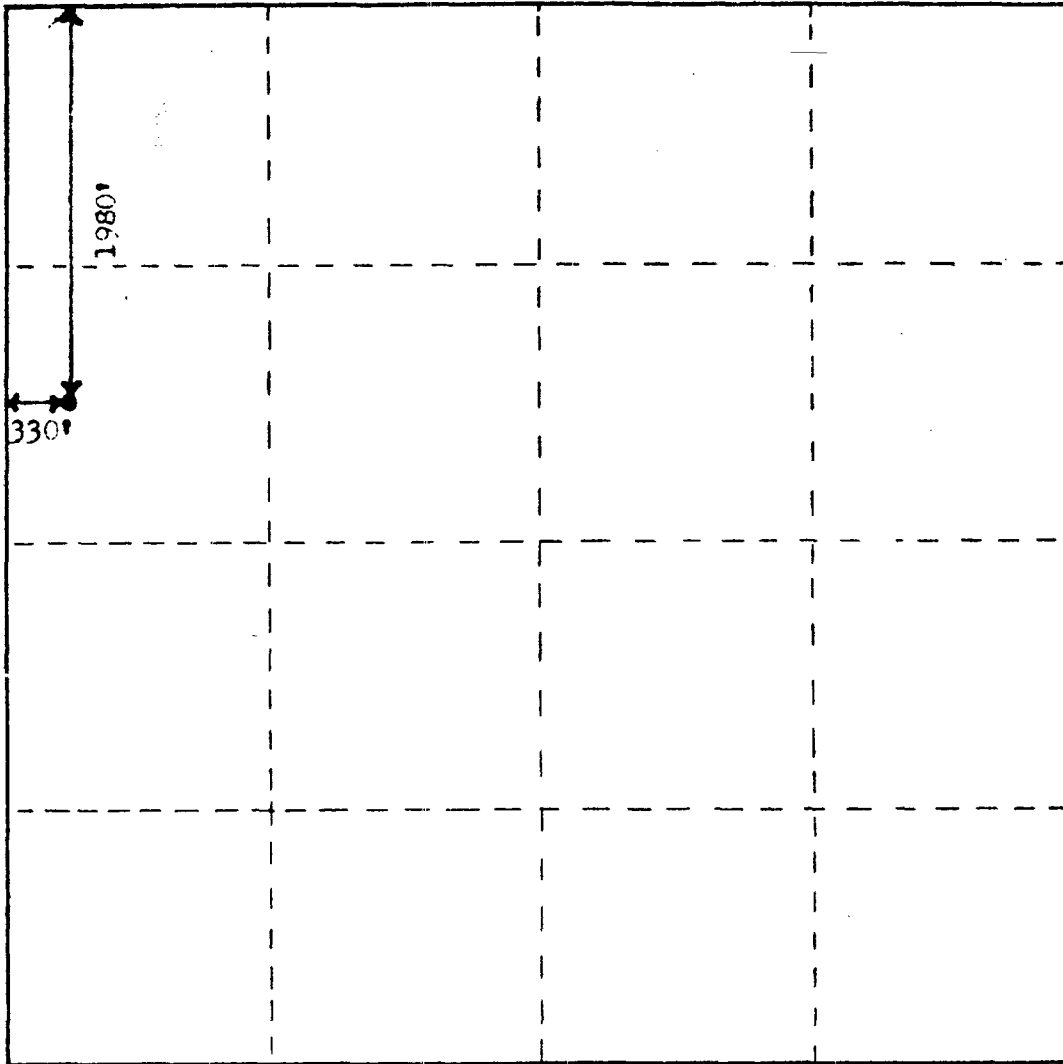
Sinclair Oil & Gas Company

LEASE

T. D. Pope

WELL NO.

5



SEC. 36 TWP. 14 S. RGE. 37 E. N.M.P.M.

I CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECTION, AND THAT THE PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE.

Glenn Haley

NEW MEXICO LICENSE NO. 423

| | | | | | | | | |
|------------|--|------------|-----------------|-----------|-------|-----------|-----------|-----------|
| COUNTY | Lea | FIELD | Denton-Devonian | STATE | N.M. | NO. | OWWO | |
| OPR. | Shell Oil Company | | | | | | MAP | |
| NO. | 1 | LSE. State | "A" | | | | | |
| SEC. | 2 | T. | 15S | BLK. R | 37E | SUR. | CO-ORD. | |
| LOC. | 1980' fr S Line & 660' fr W Line of Sec. | | | | | | | |
| Re- | MI. | FROM | Re- | CLASS. | | EL. | | |
| SPUD. | 9-28-63 | COMP. | 10-17-63 | FORMATION | DATUM | FORMATION | DATUM | |
| IRT. | | | | | | | | |
| CSG. & SX. | | | | | | | | |
| | 13 3/8" | 356' | 300 | | | | | |
| | 8 5/8" | 4680' | 800 | | | | | |
| | 5 1/2" | 12500' | 750 | | | | | |
| TBG. | DEPTH | | SIZE | | | | | |
| LOGS | EL | GR | RA | IND | HC | A | | |
| | | | | | | | TD 12682' | |
| | | | | | | | PB 11970' | |
| PROD INT. | (DAILY RATE) | BS&W | GH | GOR | GTY | C. P. | T. P. | HRS. TEST |
| 11814-940' | Flwd 239 BO + 100 BW | 48/64" | | | | 500# | 60# | 24 |
| (Devonian) | | | | | | | | |

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| | | |
|-------|------------|------|
| CONT. | PROP DEPTH | TYPE |
| DATE | | |

11-11-63 F.R.C.11-14-63, OWWO, OTD 12682'.
 TD 12682', PB 11970', COMPLETED.
 Perf 11814-817', 11823-829', 11836-843',
 11865-879', 11886-898', 11932-940' W/1 SPF
 Ac. 1500 gals (11932-940')
 Ac. 4500 gals (11865-898')
 Ac. 2000 gals (11814-843')

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

| |
|---|
| WELL API NO. |
| 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. E-2433 |
| 7. Lease Name or Unit Agreement Name State "A" |
| 8. Well No. 1 |
| 9. Pool name or Wildcat Denton (Devonian) |
| 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3820' DF |

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. Type of Well:
OIL WELL GAS WELL OTHER

2. Name of Operator
Polaris Production Corp.

3. Address of Operator
P. O. Box 1749, Midland, Texas 79702

4. Well Location
Unit Letter L : 1980 Feet From The South Line and 660 Feet From The West Line
Section 2 Township 15-S Range 37-E NMPM Lea County

11. 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 checked="" type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input 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"/> | | CASING TEST AND CEMENT JOB <input type="checkbox"/> | |
| OTHER: _____ <input type="checkbox"/> | | OTHER: _____ <input type="checkbox"/> | |

12. 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.

4-12-89 Removed wellhead and tubing. Went in hole w/2 7/8" tubing and Reda pump. Restored well to production.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE [Signature] TITLE President DATE 6-21-89
TYPE OR PRINT NAME _____ TELEPHONE NO. _____

(This space for State Use)
APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON TITLE _____ DATE _____
DISTRICT I SUPERVISOR
CONDITIONS OF APPROVAL, IF ANY: _____

JUN 23 1989

| | |
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| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| OPERATOR | |
| PRODUCTION OFFICE | |

**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-105
Effective 1-1-65

Operator
Polaris Production Corp.

Address
P. O. Box 1703, Midland, Texas 79701

Reason(s) for filing (Check proper box) Other (Please explain)

New Well Change in Transporter of:
 Recompletion Oil Dry Gas
 Change in Ownership Casinghead Gas Condensate Change in Operator

If change of ownership give name and address of previous owner **Shell Oil Company, P. O. Box 1509, Midland, Texas 79701**

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|---|----------------------|--|--|----------------------------|
| Lease Name State "A" | Well No. 1 | Pool Name, including Formation Denton Devonian | Kind of Lease State, Federal or Fee State | Lease No. E-2433 |
| Location Unit Letter L ; 1980 Feet From The South Line and 660 Feet From The West | | | | |
| Line of Section 2 Township 15 South Range 37 East , NMPM, Lea 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"/> Amoco Production Co. | Address (Give address to which approved copy of this form is to be sent) P. O. Box 1725, Midland, Texas 79701 | | | |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Tipperary Corp. | Address (Give address to which approved copy of this form is to be sent) 229 Western United Life Bldg., Midland, Tx. | | | |
| Well produces oil or liquids, give location of tanks. | Unit L | Sec. 2 | Twp. 15 | Rge. 37 |
| | Is gas actually connected? Yes | | When Unknown | |

If this production is commingled with that from any other lease or pool, give commingling order numbers _____

COMPLETION DATA

| | | | | | | | | |
|------------------------------------|-----------------------------|----------|-----------------|----------|--------------|-------------------|-------------|--------------|
| Designate Type of Completion - (X) | Oil Well | Gas Well | New Well | Workover | Deepen | Plug Back | Same Rec'y. | Diff. Rec'y. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | P.B.T.D. | | | |
| Deviations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | Tubing Depth | | | |
| Corrections | | | | | | Depth Casing Shoe | | |

TUBING, CASING, AND CEMENTING RECORD

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
|-----------|----------------------|-----------|--------------|
| | | | |
| | | | |
| | | | |

IV. 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)

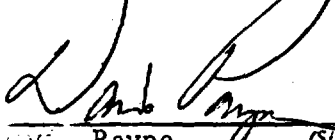
| | | | |
|---------------------------------|-----------------|---|------------|
| Date First New Oil Run To Tanks | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbls.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

CAS WELL

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

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.


David Payne (Signature)
 President (Title)
 12-31-73 (Date)

OIL CONSERVATION COMMISSION

JAN 7 - 1974

APPROVED _____, 19____
 BY **Joe D. Ranney** (Signature)
 Dist. I, Supv. (Title)

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 allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter or other such change of conditions.
 Separate Forms C-104 must be filed for each pool in newly completed wells.

**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

| | |
|------------------------|-----|
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| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| OPERATOR | |
| PRORATION OFFICE | |

I. Operator
Shell Oil Company
Address
P. O. Box 1509, Midland, Texas 79701

Reason(s) for filing (Check proper box) Other (Please explain)
 New Well Change in Transporter of:
 Recompletion Oil Dry Gas
 Change in Ownership Casinghead Gas Condensate **Effective May 1, 1970**

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

| | | | | | |
|--|----------------------|--|--|-----|-----------|
| Lease Name State A | Well No. 1 | Pool Name, including Formation Denton Devonian | Kind of Lease State, Federal or Fee | Fee | Lease No. |
| Location Unit Letter L ; 1980 Feet From The south Line and 660 Feet From The west Line of Section 2 Township 15-S Range 37-E , NMPM, Lea County | | | | | |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | | | | | |
|--|---|------------------|-------------------|-------------------|---------------------------------|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> Amoco Pipe Line Co. | Address (Give address to which approved copy of this form is to be sent) P.O. Box 1088, Lovington, New Mexico 88260 | | | | |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Tipperary Resources Corp. | Address (Give address to which approved copy of this form is to be sent) 500 West Illinois, Midland, Texas 79701 | | | | |
| If well produces oil or liquids, give location of tanks. | Unit L | Sec. 2 | Twp. 15 | Rge. 37 | Is gas actually connected? 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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | |
| Perforations | | | | | | Depth Casing Shoe | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | | SACKS CEMENT | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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 | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbls. | Gas-MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, 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.

L.S. Mitchell L. S. Mitchell
(Signature)

Division Production Superintendent

June 24, 1970

(Title)

(Date)

OIL CONSERVATION COMMISSION

APPROVED JUL 8 1970, 19____
BY [Signature]
TITLE SUPERVISOR DISTRICT

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 only Sections I, II, III, and VI 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 multiply completed wells.

| | | |
|------------------------|--|--|
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| OPERATOR | | |

HOBBS OFFICE O. C. C.
 NEW MEXICO OIL CONSERVATION COMMISSION
 APR 18 8 15 AM '66

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

5a. Indicate Type of Lease
 State Fee
 5. State-Oil & Gas Lease No.
E-2433

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 Shell Oil Company (Western Division) | 8. Farm or Lease Name State A |
| 3. Address of Operator P.O. Box 1509, Midland, Texas 79701 | 9. Well No. 1 |
| 4. Location of Well UNIT LETTER L 1980 FEET FROM THE south LINE AND 660 FEET FROM THE west LINE, SECTION 2 TOWNSHIP 15S RANGE 37E NMPM. | 10. Field and Pool, or Wildcat Denton-Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3820' DF | 12. County Lee |

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 checked="" type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input 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 JOB <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 1103.

March 18 thru April 4, 1966

1. Drilled BP at 12,365', pushed to 12,469'.
2. Washed all perforations w/2000 gallons 15% NEA.
3. Ran original tubing.
4. Ran 4' x 2 3/8" x 2 3/8" Kobe pump.
5. Recovered load.
6. In 24 hrs pumped 232 BO + 412 BW on 50 SPM at 3150 psi. GOR 591.

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

SIGNED Original Signed By **N. W. Harrison** TITLE **Senior Exploitation Engineer** DATE **April 14, 1966**

APPROVED BY _____ TITLE _____ DATE **APR 10 1966**

CONDITIONS OF APPROVAL, IF ANY:

| | |
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NEW MEXICO OIL CONSERVATION COMMISSION

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

11085
FEB 24 11

39 Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
E-2433

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 Shell Oil Company (Western Division) | 8. Farm or Lease Name State A |
| 3. Address of Operator P.O. Box 1509, Midland, Texas 79701 | 9. Well No. 1 |
| 4. Location of Well UNIT LETTER L 1980 FEET FROM THE south LINE AND 660 FEET FROM THE west LINE, SECTION 2 TOWNSHIP 15S RANGE 37E NMPM. | 10. Field and Pool, or Wildcat Denton-Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3820' DF | 12. County Lea |

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|---|---|---|---|
| PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input 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 JOB <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 1103.


Proposed Operation: Drill out bridge plugs at 12,365' & clean out to 12,469'.

1. Pull 2" tubing, packer & Kobe pump.
2. Drill out Model "M" CIBP's at 12,365', clean out to 12,469'.
3. Rerun production equipment and place on production.

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

Original Signed By
N. W. Harrison

SIGNED N. W. Harrison TITLE Senior Exploitation Engineer DATE February 23, 1966

APPROVED BY  TITLE Engineer District I DATE FEB 25 1966

CONDITIONS OF APPROVAL, IF ANY:

| | |
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| LAND OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
E-2433

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 GAS WELL OTHER

2. Name of Operator
Shell Oil Company

3. Address of Operator
P. O. Box 1858, Roswell, New Mexico 88201

4. Location of Well
UNIT LETTER **L** **1980** FEET FROM THE **south** LINE AND **660** FEET FROM
THE **west** LINE, SECTION **2** TOWNSHIP **15-S** RANGE **37-E** NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
State "A"

9. Well No.
1

10. Field and Pool, or Wildcat
Denton-Devonian

15. Elevation (Show whether DF, RT, GR, etc.)
3820' DF, 3807' GR., 3821' KB

12. County
Los

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

PULL OR ALTER CASING

OTHER

PLUG AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOB

OTHER

ALTERING CASING

PLUG AND ABANDONMENT

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.

1. Pulled tubing & Kobe seal assembly.
2. Drilled out packer and bridge plugs and cleaned out.
3. Ran Baker Model "R" single grip packer; Kobe 4" x 2 3/8" x 2" casing pump; 1" x 6' handling sub; 1 joint, N-80, 2" tubing; Kobe check valve; 1 joint 2", N-80, tubing; Kobe circ. valve on 378 joints N-80 and set packer at 11,750' with 4000 psi. (Total - 380 joints (11,740')) Circulated for 2 hours and placed pump in operation at 48 SPM with 1600 psi.
4. In 20 3/4 hours, pumped 265 BO + 53 BW on 45 SPM. Gravity 46.4° API.

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

SIGNED Original Signed By: V. L. King Acting Sr. Exploitation Engineer DATE January 18, 1965
V. L. KING TITLE

APPROVED BY Joe W. Hanes TITLE Director of District 7 DATE JAN 20 1965

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS NOTICES

strict Office, Oil Conservation Commission, before the work specified is to begin. A copy will be furnished to the Bureau on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|--|---|---|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | | NOTICE OF INTENTION TO ACIDIZE | | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | | NOTICE OF INTENTION TO (OTHER) DRILL OUT PACKER | X | NOTICE OF INTENTION (OTHER) | |

AND BRIDGE PLUG

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Roswell, New Mexico
(Place)

December 28, 1964
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Shell Oil Company State A Well No. 1 in L
(Company or Operator) Lease (Unit)

NW 1/4 SW 1/4 of Sec 2, T 15-S, R 37-E, NMPM., Denton-Devonian Pool
(40-acre Subdivision)

Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

1. Pull 2" tubing and Kobe pump.
2. Drill out Model "D" packer at 11,750', CIBP at 12,040', 12,365', & 12,381'.
Clean out to 12,480'.
3. Set Model "R" packer at 11,750'.
4. Run Kobe casing pump and test.

Approved....., 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION

By.....
Title.....

Shell Oil Company
Company or Operator

Original Signed By: V. L. King
By: V. L. KING

Acting District Exploitation Engineer
Position:

Send Communications regarding well to:

Name: Shell Oil Company

Address: P. O. Box 1858, Roswell, New Mexico 88201

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

10889 S. C. O. C. C.
OCT 21 11 13 AM '64

Name of Company **Shell Oil Company** Address **Box 1858 Roswell, New Mexico**

Lease **State A** Well No. **1** Unit Letter **L** Section **2** Township **15** Range **37**

Date Work Performed **10-4-64** Pool **Derton-Devonian** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
- Casing Test and Cement Job
- Other (Explain): **Artificial Lift Installation**
- Plugging
- Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Installed Kobe Hydraulic Pumping System.

Witnessed by **H. G. Starling** Position **Production Foreman** Company **Shell Oil Company**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

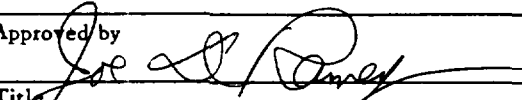
| | | | | |
|------------------------|--------------|------------------------|--------------------|-----------------|
| D F Elev. | T D | P B T D | Producing Interval | Completion Date |
| Tubing Diameter | Tubing Depth | Oil String Diameter | Oil String Depth | |
| Perforated Interval(s) | | | | |
| Open Hole Interval | | Producing Formation(s) | | |

RESULTS OF WORKOVER

| Test | Date of Test | Oil Production BPD | Gas Production MCFPD | Water Production BPD | GOR Cubic feet/Bbl | Gas Well Potential MCFPD |
|-----------------|--------------|--------------------|----------------------|----------------------|--------------------|--------------------------|
| Before Workover | 10-22-63 | 225 | 214.7 | 110 | 954 | |
| After Workover | 10-5-64 | 188 | TSTM | | TSTM | |

OIL CONSERVATION COMMISSION

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

Approved by  Name **R. J. Doubek**
 Title **SUPERVISOR DISTRICT #** Position **Division Mechanical Engineer**
 Date **Oct 11 1964** Company **Shell Oil Company**

| | |
|---------------------------|---------|
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| PRODUCTION OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

OCT 21 7 38 AM '63

| | | | | | |
|--|--------------------------------|--|----------------------|-------------------------|----------------------|
| Name of Company Shell Oil Company | | Address Box 1858 Roswell, New Mexico | | | |
| Lease State A | Well No. 1 | Unit Letter L | Section 2 | Township 15 S | Range 37 E |
| Date Work Performed 9-28 thru 10-17-63 | Pool Denton-Devonian | | County Lea | | |

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

- Perforated 11,814-11,817', 11,823-11,829', 11,836-11,843', 11,865-11,879', 11,886-11,898', 11,932-11,940' with 1 jet shot per foot.
- Ran 220 joints 2" tubing and Lynes Straddle Tool with two inflatable casing packer elements.
- Set bottom packer @ 11,970' and top packer @ 11,915'.
- Treated perforations 11,932-11,940' with 250 gallons 15% NEA with Fe additive followed by 1250 gallons 15% NEA with Dowell M-38 and M-33 retarder additive and W-27 NE additive.
- Reset bottom packer @ 11,908' and top packer @ 11,853'. Spotted acid and treated perforations 11,865-11,898' with 4500 gallons 15% NEA with Dowell M-38, M-33 and W-27 additives.
- Spotted acid above packers and treated perforations above packers 11,814-11,843' with 2000 gallons 15% NEA with Dowell M-38, M-33 and W-27 additives.
- Pulled tubing and packers. Reran to previous setting and installed wellhead.
- Recovered load.
- In 24 hours flowed 239 BO / 100 BW on 48/64" choke, FTP 60 psi, CP 500 psi.

| | | |
|---------------------------------------|----------------------------------|-------------------------------------|
| Witnessed by H. G. Starling | Position Prod. Foreman | Company Shell Oil Company |
|---------------------------------------|----------------------------------|-------------------------------------|

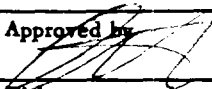
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

| | | | | |
|---|--------------------------------|---|---|---------------------------------------|
| DF Elev. 3820' | TD 12,682' | PBTD 12,469' | Producing Interval 12,380-12,440' | Completion Date Feb 3, 1952 |
| Tubing Diameter 2" | Tubing Depth 12,467' | Oil String Diameter 5 1/2" | Oil String Depth 12,500' | |
| Perforated Interval(s) 12,380-12,440' | | | | |
| Open Hole Interval | | Producing Formation(s) Devonian | | |

RESULTS OF WORKOVER

| Test | Date of Test | Oil Production BPD | Gas Production MCFPD | Water Production BPD | GOR Cubic feet/Bbl | Gas Well Potential MCFPD |
|-----------------|--------------|--------------------|----------------------|----------------------|--------------------|--------------------------|
| Before Workover | 11-6-62 | 237 | | 39 | 759 | |
| After Workover | 10-17-63 | 239 | | 100 | | |

| | | | | | | |
|---|--|---|--|--|--|--|
| OIL CONSERVATION COMMISSION | | I hereby certify that the information given above is true and complete to the best of my knowledge. | | | | |
| Approved by  | Name V. L. King | Original Signed By: V. L. KING | | | | |
| Title | Position Acting District Exploitation Engineer | | | | | |
| Date | Company Shell Oil Company | | | | | |

| | |
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| | GAS |
| PRORATION OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

SEP 27 10 21 AM '63

MISCELLANEOUS NOTICES

strict Office, Oil Conservation Commission, before the work specified is to begin. A copy will be furnished to the Bureau on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|---|---|---|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | | NOTICE OF INTENTION TO ACIDIZE | X | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | X | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Roswell, New Mexico
(Place)

September 26, 1963
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Shell Oil Company State "A" Well No. 1 in L
 (Company or Operator) Lease (Unit)

NW 1/4 SW 1/4 of Sec. 2, T. 15S, R. 37E, NMPM, Denton-Devonian Pool
 (40-acre Subdivision)

Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

1. Kill well and pull tubing.
2. Perforate with 1 JSPF at 11,814 - 11,817' (3'), 11,823 - 11,829' (6'), 11,836 - 11,843' (7'), 11,865 - 11,879' (14'), 11,886 - 11,898' (12'), and 11,932 - 11,940' (8') (total of 50 holes).
3. Run tubing and Lynes Straddle tool with 2 inflatable casing packers.
4. Set bottom packer at 11,970' and top packer at 11,915'.
5. Treat perforations 11,932 - 11,940' with 250 gallons 15% NEA with Fe additive followed by 1250 gallons 15% NEA with HLX-37 additive.
6. Set bottom packer at 11,910' and top packer at 11,855'.
7. Treat between packers with 4500 gallons 15% NEA with HLX-37 additive.
8. Treat above packers with 2000 gallons 15% NEA with HLX-37 additive.
9. Pull tubing and packers.
10. Run production equipment, recover load and place on production.

Approved....., 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION

By.....
Title.....

Shell Oil Company

Company Original Signed By
By..... R. A. Lowery R. A. LOWERY

Position..... District Exploitation Engineer
Send Communications regarding well to:

Name..... Shell Oil Company
Address..... Box 1858 Roswell, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

OFFICE 000

(Submit to appropriate District Office as per Commission Rule 1106)

7:53 AM

| | | | | | | |
|---|--------------------------------|--|---------------------|------------------------|---------------------|--|
| Name of Company Shell Oil Company | | Address Box 845, Roswell, New Mexico | | | | |
| Lease State A | Well No. 1 | Unit Letter L | Section 2 | Township 19S | Range 37E | |
| Date Work Performed 4-22 thru 5-12-60 | Pool Denton-Devonian | | | County Lea | | |

THIS IS A REPORT OF: (Check appropriate block)

Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

1. Pull tubing.
2. Set Baker Model "M" 1-A GIBP @ 12,365' & capped w/1 sx. cement.
3. Perforated 12,306' - 12,322' w/2-1/2" JSPF.
4. Set Baker GIBP @ 12,365' & capped w/1 sx. cement.
5. Perforated 12,293' - 12,306', 12,246' - 12,274', 12,210' - 12,229', 12,185' - 12,199' w/2-1/2" jet shots per foot.
6. Ran 2" tubing open ended to 12,351'.
7. Treated formation via tubing w/1000 gallons 15% MGA.
8. Ran Retrievable Bridge Plug & Hookwall Packer & set at different intervals & tested perforations. Swabbed dry.
9. Pulled tubing, hookwall packer & bridge plug.
10. Perforated 11,984' - 12,002', 12,014' - 12,034', 12,046' - 12,064', 12,072' - 12,082' w/2-1/2" jet shots per foot.
11. Ran Baker Retrievable Bridge Plug & Hookwall Packer on 2" tubing. Bridge Plug @ 12,104', Hookwall Packer @ 11,935'.
12. Swabbed 100% water.

(Continued on back of page)

| | | |
|---------------------------------------|---------------------------------------|-------------------------------------|
| Witnessed by H. G. Starling | Position Production Foreman | Company Shell Oil Company |
|---------------------------------------|---------------------------------------|-------------------------------------|

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

| | | | | |
|------------------------------|--------------------------------|--------------------------------------|--|----------------------------------|
| D F Elev. 3820' | T D 12,682' | P B T D 12,469' | Producing Interval 12,380' - 12,440' | Completion Date 2-3-52 |
| Tubing Diameter 2" | Tubing Depth 12,467' | Oil String Diameter 5 1/2" | Oil String Depth 12,500' | |

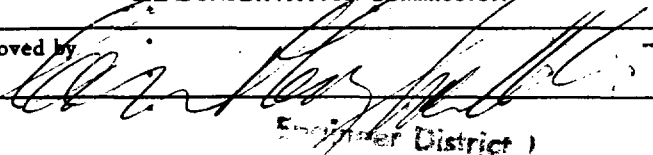
Perforated Interval(s) **12,380' - 12,440'**

Open Hole Interval _____ Producing Formation(s) **Devonian**

RESULTS OF WORKOVER

| Test | Date of Test | Oil Production BPD | Gas Production MCFPD | Water Production BPD | GOR Cubic feet/Bbl | Gas Well Potential MCFPD |
|-----------------|----------------|--------------------|----------------------|----------------------|---------------------|--------------------------|
| Before Workover | Dead | | | | | |
| After Workover | 5-12-60 | 262 | not measured | 0.45 | not measured | - |

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

| | | | |
|--|---|---|--|
| OIL CONSERVATION COMMISSION | | I hereby certify that the information given above is true and complete to the best of my knowledge. | |
| Approved by  | Name: Original Signed By R. A. LOWERY | | |
| Title Engineer District | Position District Exploitation Engineer | | |
| Date MAY 16 1960 | Company Shell Oil Company | | |

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS NOTICES

1960 APR 21 AM 9:20

Submit this notice in TRIPPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|-------------------------------------|---|-------------------------------------|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | <input checked="" type="checkbox"/> | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | | NOTICE OF INTENTION TO ACIDIZE | <input checked="" type="checkbox"/> | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | <input checked="" type="checkbox"/> | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Roswell, New Mexico
(Place)

April 20, 1960
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Shell Oil Company State A Well No. 1 in L
(Company or Operator) (Unit)

NW 1/4 of Sec. 2, T. 15S, R. 37E, Denton-Devonian Pool
(40-acre Subdivision)

Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

1. Kill well & pull tubing.
2. Set Baker Model N CI Bridge Plug at 12,365' & cap w/cement.
3. Perforate 12,185' @ 12,199', 12,210' - 12,229', 12,246' - 12,274', 12,293' - 12,322' w/2-1/2" jet shots per foot.
4. Run tubing w/packer. Wash perforations and then inject 1000 gallons 15% MCA to formation w/no overflush.
5. Swab test.
6. If well will not flow, treat w/1000 gallons 15% NE acid.
7. Swab test and place on production.

APR 21 1960

Approved....., 19.....
Except as follows:

Shell Oil Company
Company or Operator Original Signed By
 By R. A. Lowery R. A. LOWERY
 Position District Exploitation Engineer
 Send Communications regarding well to:

Approved
 OIL CONSERVATION COMMISSION
 By [Signature]
 Title District Engineer

Name Shell Oil Company
 Address Box 845, Roswell, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106) **HOBS OFFICE OCC** SEP 1 10:25

COMPANY Shell Oil Company, Box 1997, Hobbs, New Mexico
(Address)

LEASE State A WELL NO. 1 UNIT 2 S 2 T -15-2 R -37-2

DATE WORK PERFORMED 8-25 thru 27, 1955 POOL Denton

This is a Report of: (Check appropriate block) Results of Test of Casing Shut-off
 Beginning Drilling Operations Remedial Work
 Plugging Other

Detailed account of work done, nature and quantity of materials used and results obtained.

Washed perforations 12,300' - 12,440' w/500 gallons mud cement agent. Then injected 1500 gallons mud cement agent. Loaded hole w/oil and treated w/5000 gallons 15% regular acid.
In 24 hours flowed 306 bbl, out 0.4% draw, thru 18/64" choke. IP 560 psi. OP 150 psi.

ILLEGIBLE

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:
DF Elev. 3020 TD 12,602 PBD - Prod. Int. 428 2070 Compl Date 2-3-52
Tbng. Dia 2 3/8" Tbng Depth 12,601' Oil String Dia 5 1/2" Oil String Depth 12,500'
Perf Interval (s) _____
Open Hole Interval 12,500' - 12,602' Producing Formation (s) Devonian

| RESULTS OF WORKOVER: | BEFORE | AFTER |
|---|------------------|---------------------------------------|
| Date of Test | <u>WELL DEAD</u> | <u>8-27-55</u> |
| Oil Production, bbls. per day | _____ | <u>306</u> |
| Gas Production, Mcf per day | _____ | <u>732,000</u> |
| Water Production, bbls. per day | _____ | <u>0.4% draw</u> |
| Gas-Oil Ratio, cu. ft. per bbl. | _____ | <u>242</u> |
| Gas Well Potential, Mcf per day | _____ | _____ |
| Witnessed by <u>E. G. Starling</u> Production Foreman | | <u>Shell Oil Company</u> (Company) |

OIL CONSERVATION COMMISSION
Name *C. M. Lueder*
Title Engineer District 1
Date SEP 2 1955

I hereby certify that the information given above is true and complete to the best of my knowledge.
Name B. Nevill Original signed by B. Nevill
Position Division Exploitation Engineer
Company Shell Oil Company

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 139)

HOBBS OFFICE OCC

1955 AUG 13 10:09 AM

Company Shell Oil Company Box 1997 Hobbs, New Mexico
(Address)

Lease State "A" Well No. 1 Unit "L" S 2 T 15-S R 37-E

Date work performed 8-24-55 thru 8-29-55 POOL Devonian

This is a Report of (Check appropriate block) Result of Test of Casing Shut-off
 Beginning Drilling Operations Remedial Work
 Plugging Other _____

Detailed account of work done, nature and quantity of materials used and results obtained.

Ran 2" tubing to Baker Model "K" bridge plug with stringer. Found top plug at 12,469'. Displaced annulus with salt water. Pumped down tubing at rate 2.5 barrel minute at 1900 psi. Mixed 125 sacks cement with 1800 psi increasing to 3000 psi. After 5 hours mixed 100 sacks cement and spotted same. Initial injection at 3000 psi. Injected 60 sacks into formation and obtained squeeze at 6300 psi. Reversed out 40 sacks cement and pulled tubing. Flugged back from FWD 12,600' to 12,469'.

Perforated 5-1/2" casing opposite the Devonian Pay Zone from 12,300' - 12,440' with 4 Du Pont 26 A jet shots per foot.

ILLEGIBLE

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3420' TD 12,682' PBD 12,600' Prod. Int. 428 Compl. Date February 3, 1953
 Tbnng. Dia. 2 3/8" Tbnng. Depth 12,578' Oil String Dia 5-1/2" Oil String Depth 12,500'
 Perf. Interval (s) _____

Open Hole Interval 12,500'-12,600' Producing Formation (s) Devonian

RESULTS OF WORKOVER:

| | BEFORE | AFTER |
|---------------------------------|-----------------|----------------|
| Date of Test | <u>7-4-55</u> | <u>8-28-55</u> |
| Oil Production, bbls. per day | <u>225</u> | <u>306</u> |
| Gas Production, Mcf per day | <u>14.3</u> | <u>33.3</u> |
| Water Production, bbls. per day | <u>173 bbl.</u> | <u>15</u> |
| Gas-Oil Ratio, cu. ft. per bbl. | <u>637</u> | <u>642</u> |
| Gas Well Potential, Mcf per day | _____ | _____ |

Witnessed by N. G. Starling Production Foreman Shell Oil Company
(Company)

Oil Conservation Commission
 Name C. M. Linder I hereby certify that the information given above is true and complete to the best of my knowledge.
 Title Engineer District 1 Name D. C. Meyers Original signed by D. C. Meyers
 Date AUG 31 1955 Position Division Mechanical Engineer
 Company Shell Oil Company

TRIPPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico **HOBBS OFFICE OCC**

MISCELLANEOUS NOTICES

1955 AUG 23 PM 7:05

Submit this notice in TRIPPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|-------------------------------------|---|--|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | <input checked="" type="checkbox"/> | NOTICE OF INTENTION TO ACIDIZE | | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | <input checked="" type="checkbox"/> | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico
(Place)

August 22, 1955
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the

Shell Oil Company

State "N"

Well No. 1

in "1"

(Company or Operator)

(Unit)

NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 2, T. 15-S, R. 37-E, NMPM., Denton Pool

(40-acre Subdivision)

Lea

County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

WE PROPOSE TO SQUEEZE CEMENT OPEN HOLE AND PERFORATE 5-1/2" CASING AS FOLLOWING:

- (1) Set Baker Model "K" retainer at approximately 12,475' and run tubing with stringer
- (2) Load hole with salt water and engage retainer
- (3) Squeeze cement open hole below retainer to at least 6000 psi
- (4) Pull tubing and perforate 5-1/2" casing from 12,380' to 12,440' with 4 jet shots per foot.

ILLEGIBLE

AUG 24 1955

Approved....., 19.....
Except as follows:

Shell Oil Company

Company or Operator

Original signed by

By D. C. Meyers

D. C. Meyers

Position Division Mechanical Engineer

Send Communications regarding well to:

Approved
OIL CONSERVATION COMMISSION

By Waverell Hunter

Name Shell Oil Company

Title Engineer District I

Address Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS

1955 MAY 15 AM 7:30

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|--|--|----------|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON FIRM-JEL (Other) FORM-GEL ACIDIZING | X |

May 6, 1955

Hobbs, New Mexico

(Date)

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company

State A

(Company or Operator)

(Lease)

Cardinal

Well No. 1 in the NW 1/4 SW 1/4 of Sec. 2

(Contractor)

T-15-S, R-37E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: April 23, 1955, April 25, 1955 & April 26, 1955

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____, (Cross out incorrect words)

and approval of the proposed plan ~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Treated open hole 12,530' - 12,600' w/1500 gallons 15% LST acid. Spotted 200 gallons Form-gel. Treated w/3000 gallons 15% LST acid. Spotted 200 gallons Firm-Jel on bottom. Treated open hole w/7500 gallons Type J 15% LST acid.

In 24 hours flowed 298 BO + 176 BW thru 12/64" choke. FFP 200 psi.

ILLEGIBLE

Witnessed by H. O. Starling Shell Oil Company Production Foreman
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

S. G. Stanley
(Name)

(Title)

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

Original signed by
B. Nevill

Name B. Nevill

Position Division Exploitation Engineer

Representing Shell Oil Company

Address Box 1957, Hobbs, New Mexico

MAY 15 1955
(Date)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS

MAY 9 AM 7:42

DUPLICATE

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|--|------------------------------------|----------|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) PLUG BACK | X |

May 6, 1955
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company

(Company or Operator)

State "NM"

(Lease)

Mc Adams

(Contractor)

Well No. 1 in the NW 1/4 SW 1/4 of Sec. 2

T. 15-S, R. 37-E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: April 11 thru 20, 1955

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____,

(Cross out incorrect words)

and approval of the proposed plan ~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

After squeezing with 150 sacks cement, checked top of cement at 12,456'. Drilled out to 12,600'. Plugged back total depth in the Devonian Pay Zone 12,600'.

ILLEGIBLE

Witnessed by H. G. Starling
(Name)

Shell Oil Company
(Company)

Production Foreman
(Title)

Approved: OIL CONSERVATION COMMISSION

J. G. Stanley
(Name)

Engineer District 1
(Title)

MAY 10 1955
(Date)

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

Original signed by

Name: D. C. Meyers
E. C. Meyers

Position: Division Mechanical Engineer

Representing: Shell Oil Company

Address: Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE 000

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS

1955 APR 28 AM 9:09

Submit this report in TRIPPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|--|--|----------|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON FORM-GEL (Other) & ACIDIZING | X |

April 26, 1955

Hobbs, New Mexico

(Date)

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company

(Company or Operator)

State "A"

(Lease)

Chemical Process

(Contractor)

Well No. 1 in the NW 1/4 SW 1/4 of Sec. 2

T-15-8, R-37-2, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: 3-31-55 & 4-1-55

Notice of intention to do the work (was not) submitted on Form C-102 on _____, 19____,

(Cross out incorrect words)

and approval of the proposed plan (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spotted 300 gallons Form-gel. Injected 1000 gallons 15% LST acid into perforation 12,568' - 12,576'.
Spotted 300 gallons Form-gel. Treated 12,568' - 12,576' w/500 gallons 15% LST, non-emulsion acid.

In 12 hours swabbed 77 BW + 112 BW.

ILLEGIBLE

Witnessed by H. G. Starling
(Name)

Shell Oil Company
(Company)

Production Foreman
(Title)

Approved: OIL CONSERVATION COMMISSION

S. G. Stanley
(Name)

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

Name B. Nevill

Position Division Exploitation Engineer

Representing Shell Oil Company

Address Box 1957, Hobbs, New Mexico

District

MAY -2 1955
(Date)

(Title)

(Date)

TRIPPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

ROBDS OFFICE OCC

MISCELLANEOUS NOTICES

1955 APR 22 11 3 AM

Submit this notice in TRIPPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|-------------------------------------|---|--|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | | NOTICE OF INTENTION TO ACIDIZE | | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | <input checked="" type="checkbox"/> | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico
(Place)

April 20, 1955
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Shell Oil Company State "N" Well No. 1 in "L" (Company or Operator) (Unit)
NW 1/4 SW 1/4 of Sec 2, T. 15-S, R. 37-E, NMPM., Denton Pool
Lee County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

We propose to perforate open hole opposite the Devonian Pay Zone from 12,570' - 12,600' with 2 open hole jet shots per foot.

ILLEGIBLE

Approved..... APR 22 1955, 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION
By: *J. G. Stanley*
Title.....

Shell Oil Company
Company or Operator
By: B. C. Meyers Original signed by D. C. Meyers
Position: Division Mechanical Engineer
Send Communications regarding well to:
Name: Shell Oil Company
Address: Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE 000

MISCELLANEOUS REPORTS ON WELLS

1955 APR 20 AM 7:35

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|--|---|---|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON PERFORATING (Other) OPEN HOLE | X |

April 18, 1955
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company

(Company or Operator)

State "A"

(Lease)

Walex

(Contractor)

Well No. 1 in the NW 1/4 SW 1/4 of Sec. 2

T 15-S, R 37-E, NMPM, Danton Pool, Lea County.

The Dates of this work were as follows: April 16, 1955

Notice of intention to do the work (was) ~~executed~~ submitted on Form C-102 on April 13, 1955, and approval of the proposed plan (was) ~~executed~~ obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Perforated open hole opposite the Devonian Pay Zone from 12,510' to 12,570' with 2 open hole jet shots per foot.

ILLEGIBLE

Witnessed by H. G. Starling
(Name)

Shell Oil Company
(Company)

Production Foreman
(Title)

Approved: OIL CONSERVATION COMMISSION

H. G. Starling
(Signature)

(Title)

APR 20 1955

(Date)

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

Original signed by

Name: D. C. Meyers
D. C. Meyers

Position: Division Mechanical Engineer

Representing: Shell Oil Company

Address: Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico HOBBS OFFICE OCC

MISCELLANEOUS NOTICES

1955 APR 15 PM 2:25

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|-------------------------------------|---|--|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | | NOTICE OF INTENTION TO ACIDIZE | | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | <input checked="" type="checkbox"/> | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico
(Place)

April 13, 1955
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Shell Oil Company State "A" Well No. **1** in **SW**
 (Company or Operator) (Unit)

NW **SW** 1/4 of Sec. **2**, T. **15-S**, R. **37-E**, NMPM., **Darton** Pool
 (40-acre Subdivision)

Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

We propose to perforate open hole opposite the Devonian Pay Zone from 12,530' to 12,600' with 3 open hole jet shots per foot.

ILLEGIBLE

Approved....., 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION
By: *J. G. Stanley*
Title: Engineer District 1

Shell Oil Company
Company or Operator

By: **D. C. Meyers** ORIGINAL SIGNED BY **D. C. MEYERS**

Position: **Division Mechanical Engineer**
Send Communications regarding well to:

Name: **Shell Oil Company**

Address: **Box 1957, Hobbs, New Mexico**

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS

1955 APR 12 AM 10:37

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|--|---|----------|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) SQUEEZE CEMENT | X |

April 11, 1955
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company
(Company or Operator)

State "A"
(Lease)

Mr Adams
(Contractor)

Well No. 1 in the NW 1/4 SW 1/4 of Sec. 2

T. 15-S, R. 37-S, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: April 8, 1955

Notice of intention to do the work ~~work~~ (was not) submitted on Form C-102 on _____, 19____,

(Cross out incorrect words)

and approval of the proposed plan ~~plan~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set retrievable cementer, mixed 150 sacks cement and squeezed the Devonian Pay Zone to 7000 psi to shut off bottom water. Approximately 85 sacks squeezed into formation.

ILLEGIBLE

Witnessed by H. G. Starling
(Name)

Shell Oil Company
(Company)

Production Foreman
(Title)

Approved: OIL CONSERVATION COMMISSION

H. G. Starling
(Name)

Engineer

(Title)

APR 11 1955

(Date)

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

Original signed by

Name D. C. Meyers
D. C. Meyers

Position Division Mechanical Engineer

Representing Shell Oil Company

Address Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS

1955 APR 4 AM 7:49

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|--|------------------------------------|----------|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) PLUG BACK | X |

March 31, 1955

Hobbs, New Mexico

(Date)

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company

(Company or Operator)

State "A"

(Lease)

Mo Adams

(Contractor)

Well No. 1 in the NW 1/4 SW 1/4 of Sec. 2

T 15-S, R 37-E, NMPM, Denton Pool, Lea County

The Dates of this work were as follows: March 22, 1955

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____, (Cross out incorrect words)

and approval of the proposed plan ~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

After squeezing with 75 sacks cement mixed with 375 gallons of diesel oil and 5 gallons DOC # 1, checked top of cement at 12,676'. Plug back in the Devonian Pay Zone from TD 12,682' to 12,676' to shut off bottom water. FBTD 12,676'.

ILLEGIBLE

Witnessed by H. G. Starling (Name) Shell Oil Company (Company) Production Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

[Signature]

(Title)

(Date)

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

Name: D. C. Meyers Original signed by D. C. Meyers
Position: Division Mechanical Engineer
Representing: Shell Oil Company
Address: Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico
HOBBS OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS

1955 MAR 24 PM 3:19

Submit this report in TRIPPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|--|---|----------|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) DOG SQUEEZE CEMENT | X |

March 23, 1955
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company
(Company or Operator)

State **NA**
(Lease)

Mc Adams
(Contractor)

Well No. **1** in the **NM** $\frac{1}{4}$ **SW** $\frac{1}{4}$ of Sec. **8**

T **15-S**, R **37-E**, NMPM, **Denton** Pool, **Lea** County.

The Dates of this work were as follows: **March 22, 1955**

Notice of intention to do the work ~~check~~ (was not) submitted on Form C-102 on _____, 19____, and approval of the proposed plan ~~check~~ (was not) obtained.
(Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Pumped oil into formation at rate of 2 barrels per minute with 2200 psi.
Spotted 20 barrels oil on bottom, closing circulating ports. Mixed 75 sacks regular cement with 375 gallons diesel oil and 5 gallons DOG # 1.
Squeezed 73 sacks into formation with 7000 psi.

ILLEGIBLE

Witnessed by **H. G. Starling** **Shell Oil Company** **Production Foreman**
(Name) (Company) (Title)

Approved: **OIL CONSERVATION COMMISSION**

H. G. Starling
(Name)

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

Original signed By

Name **D. C. Meyers** **D. C. Meyers**

Position **Division Mechanical Engineer**

Representing **Shell Oil Company**

Address **Box 1957, Hobbs, New Mexico**

Engineer District _____
(Title)

MAR 25 1955
(Date)

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

HOBBS OFFICE OCC

It is necessary that Form C-104 be approved before this form can be approved as an initial allowable be assigned to any completed Oil or Gas well. Submit this form in **QUADRUPPLICATE**

1954 MAR 26 PM 3:10

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator..... **Shell Oil Company** Lease..... **State 1**
Address..... **Box 1977, Hobbs, New Mexico** **Box 1502, Midland, Texas**
(Local or Field Office) (Principal Place of Business)
Unit..... **2** Well No. **1** Sec. **8** T-**11-4** R-**37-1** Pool..... **Eastern**
County..... **Lea** Kind of Lease:..... **State**

If Oil well Location of Tanks.....

Authorized Transporter..... **Atlantic Refining Company** Address of Transporter.....
Box 696, Lovington, New Mexico
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported..... **100%** Other Transporters authorized to transport Oil or Natural Gas from this unit are..... **None**

REASON FOR FILING: (Please check proper box)

NEW WELL..... CHANGE IN OWNERSHIP.....
CHANGE IN TRANSPORTER..... OTHER (Explain under Remarks).....

REMARKS:
This report covers casinghead gas production on the above lease in accordance with Commission Order B-98-1, Paragraph 9, Rule 1109, Section (A).

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the **25th** day of **March** 19**54**

Approved....., 19.....
OIL CONSERVATION COMMISSION
By..... **S. J. STANLEY** Title..... **Engineer District**
By..... **B. Nevill** Original signed by **B. Nevill**
Title..... **Division Exploitation Engineer**

DUPLICATE

Santa Fe, New Mexico

RECEIVED
OIL CONSERVATION COMMISSION
HOBBS OFFICE

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
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WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or nearest agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). **SUBMIT IN TRIPPLICATE.**

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company

State "A"

Company or Operator _____ Lease _____
Well No. 1 in 1/4 2/4 of Sec. 2 T. 15-S
R. 37-E, N. M. P. M., Denton Field, Lee County.

Well is 3300 feet south of the North line and 4620 feet west of the East line of Sec. 2

If State land the oil and gas lease is No. E-2433 Assignment No. _____

If patented land the owner is _____ Address _____

If Government land the permittee is _____ Address _____

The Lessee is Shell Oil Company Address Box 1957, Hobbs, New Mexico

Drilling commenced 8-23- 19 51 Drilling was completed 1-21 19 52

Name of drilling contractor Shell Company Rig Address Box 1957, Hobbs, New Mexico

Elevation above sea level at top of casing 3611 feet.

The information given is to be kept confidential until Not confidential 19 _____

OIL SANDS OR ZONES

No. 1, from 9,039' to 9,140' No. 4, from _____ to _____

No. 2, from 11,792' to 12,682' No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None to _____ feet.

No. 2, from _____ feet.

No. 3, from _____ feet.

No. 4, from _____ to _____ feet.

ILLEGIBLE

CASING RECORD

| SIZE | WEIGHT PER FOOT | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT & FILLED FROM | PERFORATED FROM TO | PURPOSE |
|---------------|----------------------|------------------|------------------------------------|----------------|---------------|-------------------|-----------------------|----------------------|
| <u>13-3/8</u> | <u>48#</u> | <u>8rd. thd.</u> | <u>JAL</u> | <u>340'</u> | | | | <u>Water String</u> |
| <u>8-5/8</u> | <u>32#</u> | <u>8rd. thd.</u> | <u>Fitch & Youngstown</u> | <u>4671'</u> | <u>Baker</u> | | | <u>Salt String</u> |
| <u>5-1/2</u> | <u>17 & 15.5</u> | <u>8rd. thd.</u> | <u>Youngst.</u> | <u>12,500'</u> | <u>Larkin</u> | | | <u>Oil String</u> |
| <u>2-3/8</u> | <u>4.7</u> | <u>8rd. thd.</u> | <u>Nat'l., German & Spang.</u> | <u>12,671'</u> | | | <u>12,669 12,671'</u> | <u>Tubing String</u> |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---------------|----------------|---------------|---------------------|------------------------|-------------|-----------------------------|
| <u>17-1/4</u> | <u>13-3/8</u> | <u>356'</u> | <u>300</u> | <u>Pump & Plug</u> | | <u>Cemented to surface.</u> |
| <u>11</u> | <u>8-5/8</u> | <u>4680'</u> | <u>800</u> | <u>Pump & Plug</u> | | <u>Cemented to surface.</u> |
| <u>7-7/8</u> | <u>5-1/2</u> | <u>12,500</u> | <u>750</u> | <u>Pump & Plug</u> | | |

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth Set _____

Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE | SHELL USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY | DATE | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
| | | | | | | |

Results of shooting or chemical treatment ~~acidized 12,500 + 12,615~~ with 2000 gals. 1% IST acid
and 12,615 - 12,602 with 2000 gals. 1% IST acid before making initial production tests.

RECORD OF DRILL-STEM AND SPECIAL TESTS

See Reverse Side.

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 12,602 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing 2-3 19 32
The production of the first 24 hours was 856 barrels of fluid of which 99 % was oil; 0 %
emulsion; 0.3 % water; and 0.7 % sediment. Gravity, Be 46.6
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____ Gas-Oil ratio 699 cu. ft./bbl.

EMPLOYEES

J. D. Leathers Driller C. L. Millican Driller
O. L. Russell Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 4th _____

_____ Hobbs, New Mexico Date 2-4-52
Place Date

day of February 19 52

Name J. D. Savage J. D. Savage

Position Division Exploitation Engineer

Representing Shell Oil Company Company Operator.

Address Box 1957, Hobbs, New Mexico

Jane R. Davis
Notary Public

My Commission expires Sept. 16, 1952

ILLEGIBLE

It is necessary that Form O-104 be approved before this form can be approved and an initial approval is assigned to any completed oil or gas well.

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE OF COMPLIANCE AND AUTHORITY TO TRANSPORT OIL

RECEIVED
FEB 6 1952
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

Company or Operator Shell Oil Company Lease State "A"

Address Box 1957, Hobbs, New Mexico Box 1509, Midland, Texas
(Local or Field Office) (Principal Place of Business)

Unit L Wells No. 1 Sec. 2 T. 15-S R. 18-E Pool. Denton County Lea

Kind of Lease State Location of Tanks SW/4 of SW/4 of Sec. 2

Transporter Service Pipe Line Co. Amoco Petroleum Co. Address of Transporter Box 38, Denver City, Texas
(Local or Field Office)

Box 337, Midland, Texas Percent of oil to be transported 100% Other transporters authorized

to transport oil from this unit are None %

REMARKS:

ILLEGIBLE

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 4th day of February, 195 52

Shell Oil Company
(Company or Operator)

By J. D. Savage J. D. Savage

Title Division Exploitation Engineer

Approved: 2-6, 195 2

OIL CONSERVATION COMMISSION

By Noy O. Yunker

Inspector

(See Instructions on Reverse Side)

263
wof

DUPLICATE

CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
FEB 6 1952
OIL CONSERVATION COMMISSION
HOBBS OFFICE

REQUEST FOR (OIL)-(GAS) ALLOWABLE

It is necessary that this form be submitted by the operator before an initial allowable will be assigned to any completed oil or gas well. Form C-110 (Certificate of Compliance and Authorization to Transport Oil) will not be approved until Form C-110 is filed with the Commission. Form C-104 is to be submitted in triplicate to the office to which Form C-101 was sent. Two copies will be retained there and the other submitted to the Proration Office, Hobbs, New Mexico. The allowable will be assigned effective 7:00 a.m. on date of completion, provided completion report is filed during month of completion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 P.B. at 60° Fahrenheit.

Hobbs, New Mexico

Place

February 4, 1952

Date

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Shell Oil Company

Company of Operator

"Stat A"

Lease

Well No. 1 in NW 1/4 SW 1/4

section 2, T 15-S, R. 37-E, N.M.P.M. Denton Pool Lea County

Please indicate location:

Elevation 3820 Spudded 8-22-51 Completed 2-3-52

| | | | |
|--------|--|--|--|
| R-37-E | | | |
| | | | |
| | | | |
| Sec. 2 | | | |
| x | | | |
| | | | |

Total Depth 12,682 P.B. -

Top Oil/Gas Pay 11,792' Top Water Pay -

Initial Production Test: Pump Flow 856 (BOPD)

Based on 428 Bbls. Oil in 12 Hrs. 0 Mins.

Method of Test (Tanks)

Size of choke in inches 1/2"

Tubing (Size) 2-3/8" @ 12,681 Feet

Pressures: Tubing 500 Casing 900

Gas/Oil Ratio 659 Gravity 46.6°

Casing Perforations:

Unit letter: L

Casing & Cementing Record

| Size | Feet | Sax |
|--------|--------|-----|
| 13-3/8 | 356 | 300 |
| 8-5/8 | 4680 | 800 |
| 5-1/2 | 12,500 | 750 |

Acid Record:

2000 Gals 12,500 to 12,615

2000 Gals 12,615 to 12,682

Gals to

Shooting Record.

Qts to

Qts to

Qts to

Show of Oil, Gas and water

S/

S/

S/

S/

S/

S/

S/

Natural Production Test: Pumping Flowing

Test after acid or shot: Pumping 278 Flowing/8 hrs

Please indicate below Formation Tops (in conformance with geographical section of state):

Southeastern New Mexico

Northwestern New Mexico

- T. Anhy
- T. Salt
- B. Salt
- T. Yates
- T. 7 Rivers
- T. Queen
- T. Grayburg
- T. San Andres
- T. Glorieta
- T. Drinkard
- T. Tubbs 7266 (-3446)
- T. Abo 7923 (-4103)
- T. Penn
- T. Miss 11,045 (-7225)

- T. Devonian 11,792 (-7972)
- T. Silurian
- T. Montoya
- T. Simpson
- T. McKee
- T. Ellenburger
- T. Gr. Wash
- T. Granite
- T. Yaso 6162 (-2342)
- T. Wolfcamp Line 9080 (-5260)
- T.
- T.
- T.

- T. Ojo Alamo
- T. Kirtland-Fruitland
- T. Farmington
- T. Pictured Cliffs
- T. Cliff House
- T. Menefee
- T. Point Lookout
- T. Mancos
- T. Dakota
- T. Morrison
- T. Penn
- T.
- T.
- T.

ILLEGIBLE

RECEIVED
NOV 22 1952

Date first oil run to tanks or gas to pipe line: 1-3-52

Pipe line taking oil or gas: Service Pipe Line

Remarks: New Completion.

Shell Oil Company
Company or Operator

By: J. D. Savage
Signature: *J. D. Savage*

Position: Division Exploitation Engineer

Send communications regarding well to:

Name: Shell Oil Company

Address: Box 1957, Hobbs, New Mexico

APPROVED 9-6 1952

OIL CONSERVATION COMMISSION

By: *Ray [unclear]*
Oil & Gas Inspector
Title: _____

ILLEGIBLE

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

Form C-102
RECEIVED
FEB 4 1952
OIL CONSERVATION COMMISSION
HOBB'S OFFICE

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

| | | | |
|--|----------|--|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL | | REPORT ON PULLING OR OTHERWISE ALTERING CASING | |
| REPORT ON RESULT OF TEST OF CASING SHUT-OFF | X | REPORT ON DEEPENING WELL | |
| REPORT ON RESULT OF PLUGGING OF WELL | | | |

January 30, 1952
Date

Hobbs, New Mexico
Place

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company State "A" Well No. 1 in the
Company or Operator Lease
NW/4 of SW/4 of Sec. 2, T. 15-S, R. 37-E, N. M. P. M.,
Denton Pool Lea County.

The dates of this work were as follows: January 29, 1952

Notice of intention to do the work was (~~received~~) submitted on Form C-102 on January 24, 1952, and approval of the proposed plan was (~~received~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

After WOC 48 hrs. tested 5 1/2" casing with 1250 psi for 30 min. before and after drilling plug. Test OK.

ILLEGIBLE

Witnessed by H. G. Starling Shell Oil Company Production Foreman
Name Company Title

APPROVED: OIL CONSERVATION COMMISSION

Ray Yunkerrough Oil & Gas Inspector
Name Title

FEB 4 1952
Date 19

I hereby swear or affirm that the information given above is true and correct.

Name L. E. Slagle L. E. Slagle
Position Division Mechanical Engineer
Representing Shell Oil Company
Company or Operator
Address Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

RECEIVED
JAN 25 1952
OIL CONSERVATION COMMISSION
RULES - 9-1-51

DUPLICATE

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with a copy of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

| | | | |
|---|-------------------------------------|---|--|
| NOTICE OF INTENTION TO TEST CASING SHUT-OFF | <input checked="" type="checkbox"/> | NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL | |
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING | |
| NOTICE OF INTENTION TO REPAIR WELL | | NOTICE OF INTENTION TO PLUG WELL | |
| NOTICE OF INTENTION TO DEEPEN WELL | | | |

Hobbs, New Mexico January 24, 1952
Place Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the Shell Oil Company State "A" Well No. 1 in SW/4 of SW/4 of Sec. 2, T. 15-S, R. 37-E, N. M. P. M., Denton Field. Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Run 5 1/2" casing and cemented at 12,500' with 500 sacks of 4 1/2 gal. 75 sacks of Perlite, and 250 sacks of neat. Plug down 11:10 AM 1-23-52. Top of plug at 12,407'. Run Halliburton temperature survey to 9000' and found top of cement at 8240'. After WOC 48 hrs. will test casing.

ILLEGIBLE

JAN 25 1952

Approved _____, 19____
except at follows:

OIL CONSERVATION COMMISSION,
By Roy Yankovich
Title Oil & Gas Inspector

Shell Oil Company
Company or Operator
By L. E. Slagle L. E. Slagle
Position Division Mechanical Engineer
Send communications regarding well to
Name Shell Oil Company
Address Box 1957
Hobbs, New Mexico

[Signature]

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

RECEIVED
 SEP 14 1951
 OIL CONSERVATION COMMISSION
 HOBBBS OFFICE

Submit this report in triplicate to the Oil Conservation Commission District Office with the following information: results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

| | | | |
|--|-------------------------------------|--|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL | | REPORT ON PULLING OR OTHERWISE ALTERING CASING | |
| REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON DEEPENING WELL | |
| REPORT ON RESULT OF PLUGGING OF WELL | | | |

September 10, 1951 Date Hobbs, New Mexico Place

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company State "A" Well No. X/ in the
Company or Operator
W 1/4 SW 1/4 of Sec. 2 T. 15-S R. 37-B, N. M. P. M.,
Denton Pool Lea County.

The dates of this work were as follows: 9-5-51

Notice of intention to do the work was ~~submitted~~ submitted on Form C-102 on 9-4-51, 19____, and approval of the proposed plan was ~~was not~~ obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

After W.O.C. 48 hours tested 8-5/8" casing w/1000 psi for 30 min.
 Test OK.

ILLEGIBLE

Witnessed by J. A. Carrers Shell Oil Company Mech. Eng.
Name Company Title

APPROVED:
 OIL CONSERVATION COMMISSION
Roy Yarbrough
 Oil & Gas Inspector
 SEP 14 1951
Name Title Date

I hereby swear or affirm that the information given above is true and correct.
L. E. Slagle
 Name L. E. Slagle L. E. Slagle
 Position Divn. Expl. Eng.
 Representing Shell Oil Company
Company or Operator
 Address Box 1457, Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
MISCELLANEOUS NOTICES

Form C-102
RECEIVED
SEP 14 1951
OIL CONSERVATION COMMISSION
HOBB'S OFFICE

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan is approved and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

| | | | |
|---|-------------------------------------|---|--|
| NOTICE OF INTENTION TO TEST CASING SHUT-OFF | <input checked="" type="checkbox"/> | NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL | |
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING | |
| NOTICE OF INTENTION TO REPAIR WELL | | NOTICE OF INTENTION TO PLUG WELL | |
| NOTICE OF INTENTION TO DEEPEN WELL | | | |

Hobbs, New Mexico

September 4, 1951

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____

Shell Oil Company State **NA** Well No. **1** in **NW/4 SW/4**
Company or Operator Lease
of Sec. **2**, T. **15-N**, R. **37-E**, N. M. P. M., **Denton** Field.
Lee County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Run 8-5/8" casing and cemented @ 4680' w/3500 sack cement. Plug down 3:15 P.M. 9-5-51. Circulated cement. After W.O.C. 48 hrs. will test casing.

ILLEGIBLE

Approved SEP 14 1951, 19_____
except at follows:

Shell Oil Company
Company or Operator

By **Jac** **L. E. Slagle** **L. E. Slagle**

Position **Divn. Mch. Eng.**
Send communications regarding well to

Name **Shell Oil Company**

Address **Box 1457, Hobbs, New Mexico**

OIL CONSERVATION COMMISSION,
By **Ray Yurrough**
Title **Oil & Gas Inspector**

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

RECEIVED
AUG 27 1951
OIL CONSERVATION COMMISSION
BOB'S OFFICE

Submit this report in triplicate to the Oil Conservation Commission District Office with this report when the report is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was performed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

| | | | |
|--|----------|--|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL | | REPORT ON PULLING OR OTHERWISE ALTERING CASING | |
| REPORT ON RESULT OF TEST OF CASING SHUT-OFF | X | REPORT ON DEEPENING WELL | |
| REPORT ON RESULT OF PLUGGING OF WELL | | | |

8-27-51
Date

Hobbs, New Mexico
Place

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company State "A" Well No. 1 in the
Company or Operator Lease
NW/4 SW/4 of Sec. 2 T. 15-S R. 37-E, N. M. P. M.,
Denton Pool Lea County.

The dates of this work were as follows: 8-25-51

Notice of intention to do the work was ~~submitted~~ submitted on Form C-102 on 8-24, 1951, and approval of the proposed plan was ~~obtained~~ obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

After WOC 24 hours tested 13 3/8" casing w/300 psi before & after drilling plug. Held O.K.

ILLEGIBLE

Witnessed by J. A. Connors Shell Oil Company Mechanical Engineer
Name Company Title

APPROVED: OIL CONSERVATION COMMISSION

Noy Yarkrauth
Name
Oil & Gas Inspector Title

AUG 27 1951
Date

I hereby swear or affirm that the information given above is true and correct.

Name L. E. Slagle L. E. Slagle
Position Division Mechanical Engineer
Representing Shell Oil Company Company or Operator
Address Box 1457, Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

RECEIVED
AUG 27

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with ~~oil conservation~~ considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

| | | | |
|---|-------------------------------------|---|--|
| NOTICE OF INTENTION TO TEST CASING SHUT-OFF | <input checked="" type="checkbox"/> | NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL | |
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING | |
| NOTICE OF INTENTION TO REPAIR WELL | | NOTICE OF INTENTION TO PLUG WELL | |
| NOTICE OF INTENTION TO DEEPEN WELL | | | |

Hobbs, New Mexico
Place

8-24-51
Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the Shell Oil Company State A Well No. 1 in SW/4 Company or Operator 2 Lease 37-E of Sec. 2 T. 15-S R. 37-E, N. M. P. M., Denton Field. Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Ran 13 3/8" casing & cemented @ 356' w/300 sax regular. Plug down @ 1:45 AM, 8-24-51. Circulated out estimated 50 sax cement. After WOG 24 hrs. will test casing.

ILLEGIBLE

AUG 27 1951

Approved _____, 19____
except at follows:

OIL CONSERVATION COMMISSION,
By Noy Yankrough
Title Oil & Gas Inspector

Shell Oil Company
Company or Operator
By L. E. Slagle *L. E. Slagle*
Position Division Mechanical Engineer
Send communications regarding well to
Name Shell Oil Company
Address Box 1457, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
AUG 27 1951
OIL CONSERVATION COMMISSION
HOBBS OFFICE

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, result of plugging of well, and other important operations, even though the work was supervised by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

| | | | |
|--|-------------------------------------|--|--------------------------|
| REPORT ON BEGINNING DRILLING OPERATIONS | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | <input type="checkbox"/> |
| REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL | <input type="checkbox"/> | REPORT ON PULLING OR OTHERWISE ALTERING CASING | <input type="checkbox"/> |
| REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input type="checkbox"/> | REPORT ON DEEPENING WELL | <input type="checkbox"/> |
| REPORT ON RESULT OF PLUGGING OF WELL | <input type="checkbox"/> | | <input type="checkbox"/> |

8-23-51

Hobbs, New Mexico

Date

Place

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company

State A

Well No. 1

in the

NW/4 SW/4

Company or Operator

Lease

of Sec. 2

T. 15-S

R. 37-E

N. M. P. M.

Denton

Pool

Lea

County.

The dates of this work were as follows: 8-22-51

Notice of intention to do the work was (was not) submitted on Form C-101 on 8-10, 1951

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spudded @ 10:15 PM, 8-22-51.

ILLEGIBLE

Witnessed by H. G. Starling
Name

Shell Oil Company
Company

Production Foreman
Title

APPROVED:
OIL CONSERVATION COMMISSION

roy yankovich
Oil & Gas Inspector
Name
Title

AUG 27 1951

Date

I hereby swear or affirm that the information given above is true and correct.

Name J. D. Savage J. D. SAVAGE

Position Division Exploitation Engineer

Representing Shell Oil Company
Company or Operator

Address Box 1457, Hobbs, New Mexico

wab

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

NOTICE OF INTENTION TO DRILL

See Rules 101 and 1104.

If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval.

RECEIVED
AUG 10 1951
OIL CONSERVATION COMMISSION
HOBBS OFFICE

Hobbs, New Mexico

8/10/51

Place

Date

Notice hereby is given that it is our intention to commence the drilling of a well to be known as

Shell Oil Company

State A

well No. 1

in NW/4 SW/4

Company or Operator

Lease

of Sec. 2 T. 15-S R. 37-E N. M., P. M. Hobbs Pool, Lea County.

R 37 E
N

The well is 1980 feet from (E) (S.) line and 660 feet from (E) (W.) line of the above section.

(Give location from section lines. Cross out wrong directions.)

If state land the oil and gas lease is No. E-2433 Assignment No. -

If patented land the owner is -

Address -

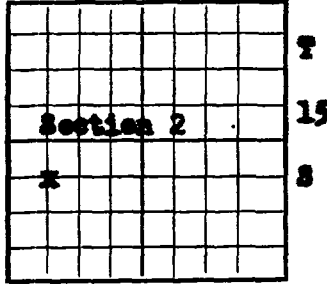
If government land the permittee is -

Address -

The lessee is Shell Oil Company

Address Box 1457, Hobbs, New Mexico

We propose to drill well with drilling equipment as follows:



AREA 640 ACRES
LOCATE WELL CORRECTLY

Conventional rotary rig

The status of a bond for this well in conformance with Rule 101 of the General Rules and Regulations of the Commission is as follows: Blanket bond

We propose to use the following strings of casing and to land or cement them as indicated:

| Size of Hole | Size of Casing | Weight Per Foot | New or Second Hand | Depth | Landed or Cemented | Sacks Cement |
|--------------|----------------|-----------------|--------------------|--------|--------------------|--------------|
| 17-1/4" | 13-3/8" | 48# | New | 350 | Cemented | 300 |
| 11" | 8-5/8" | 32# | New | 4680 | Cemented | 3500 |
| 7-7/8" | 5-1/2" | 17 & 20# | New | 12,765 | Cemented | 1000 |

If changes in the above plans become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 9085 feet.

Additional information:

ILLEGIBLE

Approved AUG 10 1951, 1951

except as follows:

OIL CONSERVATION COMMISSION
By Ray Yuthrough
Title Oil & Gas Inspector

Shell Oil Company
Company or Operator
By David E. Periman, Jr.
Position Exploitation Engineer (Division)
Send communications regarding well to:
Name Shell Oil Company
Address Box 1457, Hobbs, New Mexico

**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-11
Effective 1-1-65

| | |
|------------------------|-----|
| NO. OF COPIES RECEIVED | |
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| STATE | |
| FED. GOVT. | |
| COUNTY OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| OPERATOR | |
| REGISTRATION OFFICE | |

Operator Polaris Production Corp.

Address P. O. Box 1703, Midland, Texas 79701

Reason(s) for filing (Check proper box) Other (Please explain)

New Well Change in Transporter of:

Incompletion Oil Dry Gas

Change in Ownership Casinghead Gas Condensate Change in Operator

If change of ownership give name and address of previous owner Shell Oil Company, P. O. Box 1509, Midland, Texas 79701

DESCRIPTION OF WELL AND LEASE

| | | | | | |
|---------------------------|----------------------|--|--|-----|-----------|
| Lease Name <u>Argo</u> | Well No. <u>2</u> | Pool Name, Including Formation <u>Denton Devonian</u> | Kind of Lease State, Federal or Fee | Fee | Lease No. |
|---------------------------|----------------------|--|--|-----|-----------|

Location
Unit Letter H; 2287 Feet From The North Line and 330 Feet From The East

Line or Section 3 Township 15 South Range 37 East, NMPM, Lea County

SIGNATURE 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) |
| <u>Amoco Production Co.</u> | <u>P. O. Box 1725, Midland, Texas 79701</u> |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |
| <u>Tipperary Corp.</u> | <u>229 Western United Life Building, Midland, Tx.</u> |
| If well produces oil or liquids, give location of tanks. | Unit Sec. Twp. Rge. Is gas actually connected? When |
| | <u>H</u> <u>3</u> <u>15-S</u> <u>37-E</u> <u>Yes</u> <u>Unknown</u> |

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

V. COMPLETION DATA

| Designate Type of Completion - (X) | Oil Well | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
|-------------------------------------|-----------------------------|-----------------|--------------|----------|--------|-----------|-------------|--------------|
| <input checked="" type="checkbox"/> | | | | | | | | |
| Date Spudded | Date Compl. Ready to Prod. | Total Depth | P.B.T.D. | | | | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | Top Oil/Gas Pay | Tubing Depth | | | | | |
| Perforations | Depth Casing Shoe | | | | | | | |

TUBING, CASING, AND CEMENTING RECORD

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
|-----------|----------------------|-----------|--------------|
| | | | |
| | | | |
| | | | |

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 | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbls. | Gas-MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| 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.

W. S. Payne (Signature)
President (Title)
12-31-73 (Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19 _____

BY Joe D. Ramey
TITLE _____

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 only Sections I, II, III, and VI 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 on multiply completed wells.

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.

APPROVED _____, 19 _____

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

**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

I. OPERATOR

Operator: Shell Oil Company

Address: P. O. Box 1509, Midland, Texas 79701

Reason(s) for filing (Check proper box):
 New Well Change in Transporter of:
 Recompletion Oil Dry Gas
 Change in Ownership Casinghead Gas Condensate **Effective May 1, 1970**

Other (Please explain):

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

| | | | | | |
|---------------------------|----------------------|--|--|---------------------------|-----------|
| Lease Name Argo | Well No. 2 | Pool Name, including Formation Denton Devonian | Kind of Lease State, Federal or Fee | Fee | Lease No. |
| Location | | | | | |
| Unit Letter H | 2287 | Feet From The north | Line and 330 | Feet From The east | |
| Line of Section 3 | Township 15-S | Range 37-E | , NMPM, Lea | | 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"/> Amoco Pipe Line Co. | Address (Give address to which approved copy of this form is to be sent) P.O. Box 1088, Lovington, New Mexico 88260 | | | | |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Tipperary Resources Corp. | Address (Give address to which approved copy of this form is to be sent) 500 West Illinois, Midland, Texas 79701 | | | | |
| If well produces oil or liquids, give location of tanks. | Unit H | Sec. 3 | Twp. 15 | Rge. 37 | Is gas actually connected? 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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | |
| Perforations | | | | | | Depth Casing Shoe | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | | SACKS CEMENT | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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 | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbls. | Gas-MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, 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.

L. S. Mitchell L. S. Mitchell
(Signature)
Division Production Superintendent
(Title)
June 24, 1970
(Date)

OIL CONSERVATION COMMISSION
JUL 8 1970
APPROVED _____, 19____
BY [Signature]
SUPERVISOR DISTRICT _____
TITLE _____

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 only Sections I, II, III, and VI 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 multiply completed wells.

| | | |
|------------------------|--|--|
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| LAND OFFICE | | |
| OPERATOR | | |

NEW MEXICO OIL CONSERVATION COMMISSION

Nov 4 12 01 PM '65

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
--

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 Shell Oil Company - Western Division | 8. Farm or Lease Name Argo |
| 3. Address of Operator P. O. Box 1509 - Midland, Texas 79704 | 9. Well No. 2 |
| 4. Location of Well UNIT LETTER H 2287 FEET FROM THE north LINE AND 330 FEET FROM THE east LINE, SECTION 3 TOWNSHIP 15-S RANGE 37-E NMPM. Denton - Devonian | 10. Field and Pool, or Wildcat Denton - Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3820' DF | 12. County Les |

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

Operation: October 25 thru November 1, 1965.

1. Pulled pump & standing valve.
2. Acid treated with 2000 gallons NEA with Fe additive.
3. Reran standing valve on wireline & pumped in Johnson Fagg Pump.
4. In 24 hours, pumped 65 BO + 161 BW on 16 SPM.

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

SIGNED J. D. Duren **J. D. Duren** TITLE Staff Exploitation Engineer DATE November 2, 1965

APPROVED BY [Signature] TITLE Engineer District 11 DATE NOV 5 1965

CONDITIONS OF APPROVAL, IF ANY:

| | |
|------------------------|--|
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| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION

Oct 22 12 58 PM '65

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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 Shell Oil Company - Western Division | 8. Farm or Lease Name Argo |
| 3. Address of Operator P. O. Box 1509 - Midland, Texas | 9. Well No. 2 |
| 4. Location of Well UNIT LETTER H 2287 FEET FROM THE North LINE AND 330 FEET FROM THE East LINE, SECTION 3 TOWNSHIP 15-6 RANGE 37-E NMPM. | 10. Field and Pool, or Wildcat Denton-Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3820' DF | 12. County Lee |

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

| | | | |
|---|---|--|---|
| PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input 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.

We propose to acid treat with 2,000 gallons.

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

SIGNED Original Signed By **C. R. Coffey** TITLE **Acting Dist. Exploit. Engr.** DATE **October 21, 1965**

APPROVED BY *[Signature]* DATE **OCT 26 1965**

CONDITIONS OF APPROVAL, IF ANY:

| | |
|------------------------|--|
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| SANTA FE | |
| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
-

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 Shell Oil Company | 8. Farm or Lease Name Argo |
| 3. Address of Operator P. O. Box 1858, Roswell, New Mexico | 9. Well No. 2 |
| 4. Location of Well UNIT LETTER EH 2286 FEET FROM THE N LINE AND 1660-330 FEET FROM THE E LINE, SECTION 3 TOWNSHIP 15-S RANGE 37-E NMPM. | 10. Field and Pool, or Wildcat Denton-Devonian |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3827' DF | 12. County Les |

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

| | | | |
|---|--|--|--|
| <p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p> | <p>SUBSEQUENT REPORT OF:</p> <p>PLUG AND ABANDON <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p> | <p>REMEDIAL WORK <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/></p> <p>CASING TEST AND CEMENT JOB <input type="checkbox"/></p> <p>OTHER <input checked="" type="checkbox"/> Temporarily Abandoned</p> | <p>ALTERING CASING <input type="checkbox"/></p> <p>PLUG AND ABANDONMENT <input type="checkbox"/></p> |
|---|--|--|--|

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.

Well still temporarily abandoned as reported on Form C-103 approved February 23, 1965. No plans for changing status of well in near future.

Handwritten notes:
... YOUR ...

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

| | | |
|---|--|--------------------------|
| SIGNED <u>Original Signed By</u> <u>C. R. Coffey</u> | TITLE <u>Acting District Exploitation Engineer</u> | DATE <u>June 9, 1965</u> |
| APPROVED BY _____ | TITLE _____ | DATE _____ |

CONDITIONS OF APPROVAL, IF ANY:

Handwritten: JUN 10 1965

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Shell Oil Company Box 845, Roswell, New Mexico
(Address)

LEASE Arge WELL NO. 2 UNIT N S 3 T -15-S R -37-E
DATE WORK PERFORMED 3-3 thru 4-6-59 POOL Denton-Devonian

This is a Report of: (Check appropriate block)

| | |
|--|---|
| <input type="checkbox"/> Beginning Drilling Operations | <input type="checkbox"/> Results of Test of Casing Shut-off |
| <input type="checkbox"/> Plugging | <input checked="" type="checkbox"/> Remedial Work |
| | <input type="checkbox"/> Other _____ |

Detailed account of work done, nature and quantity of materials used and results obtained.

- Pulled rods & pump.
- Ran Caliper of open hole.
- Ran 2 Lynes inflatable packers on 409 jts. (12,482') 8rd Intergal joint 2" tubing & swab tested following intervals for recoveries indicated.
 - 12,482' - 12,691' 80 BSW in 7 hours w/no trace of oil or gas. FL @ 6500'.
 - 12,435' - 12,478' 96 BSW + 4 BO in 10 hours w/trace gas. Final cut 100% SW & final FL 10,000'.
 - 12,387' - 12,430' 118 BSW in 6 hours w/trace of oil. FL 5500'.
 - 12,082' - 12,383' 293 BSW in 23 hours. FL 5500'.
 - 12,268' - 12,309' 553 BSW in 35 hours w/trace oil. FL 5500'.
 - 12,082' - 12,264' 143 BO + 161 BSW in 47 hours. Last 3 hours swabbed 19 BO + 11 BW. FL - various.
- Ran tubing & spotted 60 sz. Trinity Inferno Slo-set cement on bottom.
- Pulled 102 jts. tubing.
- After WOC 2 1/2 hours found top of plug @ 12,458'. (Continued on back of page.)

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3820' TD 12,691' PBD - Prod. Int. 12,082'-691' Compl Date 8-1-52
Tbng. Dia 2 1/2" Tbng Depth 7837' Oil String Dia 5 1/2" Oil String Depth 12,082'
Perf Interval (s) -
Open Hole Interval 12,082' - 12,691' Producing Formation (s) Devonian

RESULTS OF WORKOVER:

| | BEFORE | AFTER |
|---------------------------------|----------------|---------------|
| Date of Test | <u>11-4-58</u> | <u>4-6-59</u> |
| Oil Production, bbls. per day | <u>58</u> | <u>100</u> |
| Gas Production, Mcf per day | <u>54.9</u> | <u>157.8</u> |
| Water Production, bbls. per day | <u>437</u> | <u>114</u> |
| Gas-Oil Ratio, cu. ft. per bbl. | <u>946</u> | <u>1578</u> |
| Gas Well Potential, Mcf per day | <u>-</u> | <u>-</u> |

Witnessed by H. G. Starling Production Foreman Shell Oil Company
(Company)

OIL CONSERVATION COMMISSION

Name _____
Title _____
Date _____

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

Original Signed By Rex C. Cabanis
Name Rex C. Cabanis
Position District Exploitation Engineer
Company Shell Oil Company

7. Spotted 35 cc. Trinity Inferno Flo-set cement on bottom.
8. Pulled 100 lbs. tubing.
9. Checked top of cement plug @ 12,315' by tubing measurement.
10. Ran 4 5/8" bit on 2" tubing & washed cement strings to firm bottom @ 12,315'.
11. Dumped 48 gallons Hydromite in 2 stages. Checked top of plug @ 12,274'.
12. Capped Hydromite plug w/ 1 cc. cement using wire line squeeze tool.
13. Approximately 4' fill.
14. Ran rods & hydrotested (to 1000 psi - no leaks) 2 1/2" tubing to original setting.
15. Recovered load.
16. In 24 hours pumped 100 HO + 1 1/4 BW w/6-27" SFM.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|--|---|---|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | | NOTICE OF INTENTION TO ACIDIZE | X | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Roswell, New Mexico

February 13, 1959

(Place)

(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Shell Oil Company

Argo

2

H

Well No. in (Unit)

SE NE (Company or Operator) -15-S -37-E Denton (Unit)
(40-acre Subdivision) 1/4 of Sec., T., R., NMPM., Pool

County.

FULL DETAILS OF PROPOSED PLAN OF WORK

(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

We propose to do the following:

1. Pull rods, pump & tubing. Run open-hole caliper survey.
2. Pick up additional tubing and rerun with two hydraulic inflatable packers spaced 40' apart. Set packers with bottom packer @ 12,480' & bottom of top packer @ 12,434'.
3. Swab test from below bottom packer (if necessary, treat w/500 gallons acid).
4. Swab test from between packers (if necessary, treat w/500 gallons acid).
5. Release packers & reset w/bottom of bottom packer at 12,434'.
6. Swab test from between packers (if necessary, treat w/500 gallons acid).
7. Swab test from above both packers. If excessive water recovered, it may be necessary to reset packers to determine water bearing zone. If zone swabs dry or oil is recovered & conditions warrant, spot acid on formation, let soak 15 minutes, then treat w/total of 2000 gallons acid (includes "spotted" acid).
8. If bottom of hole water bearing, run tubing w/open hole squeeze tool or use dump bailer to cement water bearing interval. Otherwise, further operations will be contingent upon results of swab tests.
9. Rerun production string and place on production.

Approved....., 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION
By: *[Signature]*
Title.....

Shell Oil Company

By: Rex C. Cabaniss
Position: District Exploitation Engineer
Send Communications regarding well to:

Name: Shell Oil Company
Address: Box 845, Roswell, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

HOBBS OFFICE OCC

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPPLICATE.

1954 MAR 26 AM 8:58

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator Shell Oil Company Lease Asso

Address Box 1957, Hobbs, New Mexico Box 1509, Midland, Texas
(Local or Field Office) (Principal Place of Business)

Unit 1, Well (No) 2, Sec. 3, T. 15-N, R. 17-E, Pool Denton

County Lea Kind of Lease: Patented

If Oil well Location of Tanks.....

Authorized Transporter Atlantic Refining Company Address of Transporter

Box 696, Lovington, New Mexico
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas from this unit are None

REASON FOR FILING: (Please check proper box)

NEW WELL..... CHANGE IN OWNERSHIP.....

CHANGE IN TRANSPORTER..... OTHER (Explain under Remarks).....

REMARKS:

This report covers casinghead gas production on the above lease in accordance with Commission Order B-98-A, Paragraph 9, Rule 1109, Section (A).

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 24th day of March, 1954

Shell Oil Company

Approved....., 19.....

OIL CONSERVATION COMMISSION

By S. J. Stanley

Title.....

By B. Nevill Original signed by B. Nevill

Title Division Exploitation Engineer

INSTRUCTIONS

This form shall be executed and filed in QUADRUPLICATE with the District Office of the Oil Conservation Commission, covering each unit from which oil or gas is produced. A separate certificate shall be filed for each transporter authorized to transport oil or gas from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one proration period, the operator shall in lieu of filing a new certificate notify the Oil Conservation Commission District Office, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil or gas to be moved by the transporter temporarily moving oil or gas from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil or gas than the estimated amount shown in said notice.

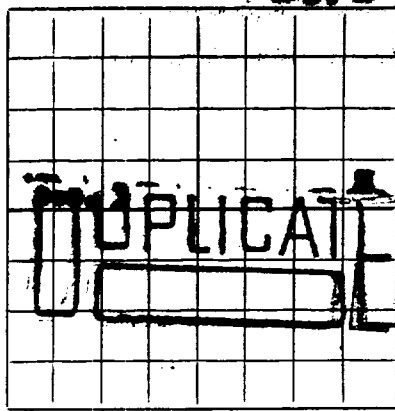
This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil and gas from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (a) The transporter is changed or
- (c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil or gas, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil or gas.

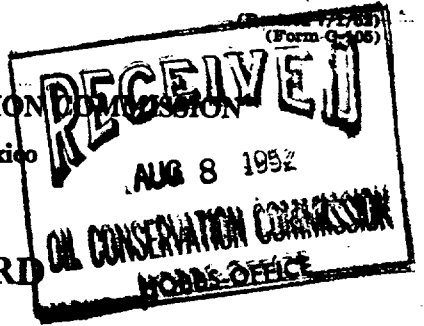
A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

ILLEGIBLE
WELL RECORD



Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Small Oil Company

(Company or Operator)

(Lease)

Well No. **2**, in **25** 1/4 of **25** 1/4 of Sec. **2**, T. **11N**, R. **27E**, NMPM.

Section Pool, **100** County.

Well is **200** feet from **North** line and **300** feet from **East** line

of Section **2**. If State Land the Oil and Gas Lease No. is **1**.

Drilling Commenced **2-15**, 19**52**. Drilling was Completed **7-27**, 19**52**.

Name of Drilling Contractor **Company Name**

Address **Box 1977, Hobbs, New Mexico**

Elevation above sea level at Top of Tubing Head **3000**. The information given is to be kept confidential until **not confidential**, 19**52**.

OIL SANDS ZONES

No. 1, from **2000** to **2050** No. 4, from **2050** to **2100**

No. 2, from **12,010** to **12,020** No. 5, from **12,020** to **12,030**

No. 3, from **12,030** to **12,040** No. 6, from **12,040** to **12,050**

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **2000** to **2050** feet.

No. 2, from **12,010** to **12,020** feet.

No. 3, from **12,030** to **12,040** feet.

No. 4, from **2050** to **2100** feet.

CASING RECORD

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|---------------|--------------------|-------------|---------------|---------------|---------------------|----------------------|---------------------|
| 12-1/8 | 40 | New | 200 | Blaker | | | Water string |
| 8-1/8 | 27 & 28 | New | 12,000 | | | | Oil string |
| 8-1/8 | 4.75 | New | 12,000 | Blaker | | 12,010-12,020 | Oil string |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---------------|----------------|----------------|---------------------|------------------------|-----------------------------|--------------------|
| 12-1/8 | 12-1/8 | 325' | 325 | Pump & Plug | Cemented to surface. | |
| 11" | 8-1/8 | 475' | 325 | Pump & Plug | Cemented to surface. | |
| 7-7/8 | 5-1/8 | 12,000' | 1200 | Pump & Plug | | |

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Prior to completion, the open-hole interval 12,000' - 12,020' was treated with 500 gallons mud acid & then treated with 1000 gallons 15% non-emulsifying acid.

Result of Production Stimulation **After lead recovered, well flowed 63 barrels oil, and 2.25 MCM, in one hour.**

Depth Cleaned Out **12,050'**

RECORD OF DRILL-STEM AND SPECK TEST

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 12,000 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing August 1, 1928
 OIL WELL: The production during the first 24 hours was 2070 barrels of liquid of which 99.8 % was oil; _____ % was emulsion; _____ % water; and 0.2 % was sediment. A.P.I. Gravity 47
 GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of liquid Hydrocarbon. Shut in Pressure _____ lbs.
 Length of Time Shut in _____

ILLEGIBLE

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

| Southeastern New Mexico | | Northwestern New Mexico |
|---------------------------------|-----------------------------------|----------------------------|
| T. Anhy..... | T. Devonian <u>12,075 (-2024)</u> | T. Ojo Alamo..... |
| T. Salt..... | T. Silurian..... | T. Kirtland-Fruitland..... |
| B. Salt..... | T. Montoya..... | T. Farmington..... |
| T. Yates..... | T. Simpson..... | T. Pictured Cliffs..... |
| T. 7 Rivers..... | T. McKee..... | T. Menefee..... |
| T. Queen..... | T. Ellenburger..... | T. Point Lookout..... |
| T. Grayburg..... | T. Gr. Wash..... | T. Mancos..... |
| T. San Andres..... | T. Granite..... | T. Dakota..... |
| T. Glorieta <u>6800 (-2024)</u> | T. <u>Wagon 9212 (-2024)</u> | T. Morrison..... |
| T. Drinkard..... | T. | T. Penn..... |
| T. Tubbs <u>774 (-2024)</u> | T. | T. |
| T. Abo <u>6026 (-2024)</u> | T. | T. |
| T. Penn <u>21,00 (-2024)</u> | T. | T. |
| T. Miss..... | T. | T. |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|-------|-------------------|---|------|----|-------------------|-----------|
| 0 | 4000 | 4000 | Surface Sand, Red Bed, Salt & Anhydrite | | | | |
| 4000 | 7000 | 3000 | Silurian | | | | |
| 7000 | 7200 | 200 | Shale & Dolomite | | | | |
| 7200 | 7250 | 50 | Silurian | | | | |
| 7250 | 7350 | 100 | Lime & Dolomite | | | | |
| 7350 | 7400 | 50 | Lime & Chert | | | | |
| 7400 | 7500 | 100 | Silurian | | | | |
| 7500 | 7550 | 50 | Lime | | | | |
| 7550 | 7600 | 50 | Lime & Shale | | | | |
| 7600 | 7650 | 50 | Lime & Chert | | | | |
| 7650 | 7700 | 50 | Shale | | | | |
| 7700 | 7750 | 50 | Silurian | | | | |
| 7750 | 7800 | 50 | Lime & Dol. | | | | |
| 7800 | 7850 | 50 | Lime & Dol. | | | | |
| 7850 | 7900 | 50 | Lime & Dol. | | | | |
| 7900 | 7950 | 50 | Lime & Dol. | | | | |
| 7950 | 8000 | 50 | Lime & Dol. | | | | |
| 8000 | 8050 | 50 | Lime & Dol. | | | | |
| 8050 | 8100 | 50 | Lime & Dol. | | | | |
| 8100 | 8150 | 50 | Lime & Dol. | | | | |
| 8150 | 8200 | 50 | Lime & Dol. | | | | |
| 8200 | 8250 | 50 | Lime & Dol. | | | | |
| 8250 | 8300 | 50 | Lime & Dol. | | | | |
| 8300 | 8350 | 50 | Lime & Dol. | | | | |
| 8350 | 8400 | 50 | Lime & Dol. | | | | |
| 8400 | 8450 | 50 | Lime & Dol. | | | | |
| 8450 | 8500 | 50 | Lime & Dol. | | | | |
| 8500 | 8550 | 50 | Lime & Dol. | | | | |
| 8550 | 8600 | 50 | Lime & Dol. | | | | |
| 8600 | 8650 | 50 | Lime & Dol. | | | | |
| 8650 | 8700 | 50 | Lime & Dol. | | | | |
| 8700 | 8750 | 50 | Lime & Dol. | | | | |
| 8750 | 8800 | 50 | Lime & Dol. | | | | |
| 8800 | 8850 | 50 | Lime & Dol. | | | | |
| 8850 | 8900 | 50 | Lime & Dol. | | | | |
| 8900 | 8950 | 50 | Lime & Dol. | | | | |
| 8950 | 9000 | 50 | Lime & Dol. | | | | |
| 9000 | 9050 | 50 | Lime & Dol. | | | | |
| 9050 | 9100 | 50 | Lime & Dol. | | | | |
| 9100 | 9150 | 50 | Lime & Dol. | | | | |
| 9150 | 9200 | 50 | Lime & Dol. | | | | |
| 9200 | 9250 | 50 | Lime & Dol. | | | | |
| 9250 | 9300 | 50 | Lime & Dol. | | | | |
| 9300 | 9350 | 50 | Lime & Dol. | | | | |
| 9350 | 9400 | 50 | Lime & Dol. | | | | |
| 9400 | 9450 | 50 | Lime & Dol. | | | | |
| 9450 | 9500 | 50 | Lime & Dol. | | | | |
| 9500 | 9550 | 50 | Lime & Dol. | | | | |
| 9550 | 9600 | 50 | Lime & Dol. | | | | |
| 9600 | 9650 | 50 | Lime & Dol. | | | | |
| 9650 | 9700 | 50 | Lime & Dol. | | | | |
| 9700 | 9750 | 50 | Lime & Dol. | | | | |
| 9750 | 9800 | 50 | Lime & Dol. | | | | |
| 9800 | 9850 | 50 | Lime & Dol. | | | | |
| 9850 | 9900 | 50 | Lime & Dol. | | | | |
| 9900 | 9950 | 50 | Lime & Dol. | | | | |
| 9950 | 10000 | 50 | Lime & Dol. | | | | |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator Shell Oil Company Address Box 1977, Hobbs, New Mexico
 Name J. B. Savage Position or Title Production Engineering Engineer
 Date 8-6-28

N. M. CO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

DUPLICATE

REQUEST FOR (OIL) - (GAS) ALLOWABLE

RECEIVED
AUG 8 1952 Well
CONSERVATION COMMISSION
OFFICE

This form shall be submitted by the operator before an initial allowable will be assigned to any well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico August 5, 1952
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Shell Oil Company Argo Well No. 2 in 22 $\frac{1}{4}$ NE $\frac{1}{4}$,
(Company or Operator) (Lease)
1 Sec. 3, T. 15-S, R. 37-E, NMPM., Denton Pool
(Unit)
Lee County. Date Spudded 2-16-52, Date Completed 7-27-52

Please indicate location:

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

Elevation 3022 Total Depth 12,692', P.B. *
Top oil/water pay 12,073' Top of Prod. Form 12,073'
Casing Perforations: 15 or
Depth to Casing shoe of Prod. String 12,002'
Natural Prod. Test 8 BOPD
based on 8 bbls. Oil in 8 Hrs. 0 Mins.
Test after acid or shot 1070 BOPD
Based on 339 bbls. Oil in 12 Hrs. 0 Mins.
Gas Well Potential 22/64"
Size choke in inches 22/64"
Date first oil run to tanks or gas to Transmission system: August 1, 1952
Transporter taking Oil or Gas: Service Pipe Line

Casing and Cementing Record
Size Feet Sax

| | | |
|---------------|---------------|-------------|
| <u>12-3/8</u> | <u>325</u> | <u>325</u> |
| <u>8-5/8</u> | <u>4742</u> | <u>3900</u> |
| <u>5-1/2</u> | <u>12,002</u> | <u>1000</u> |
| | | |

Remarks: ILLEGIBLE

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

Approved August 5, 1952 Shell Oil Company
(Company or Operator)

OIL CONSERVATION COMMISSION
By: Roy Yorkrough
Title Assistant

By: J. D. Savage (Signature)
Title: Division Exploitation Engineer
Send Communications regarding well to:
Name Shell Oil Company
Address Box 1977, Hobbs, New Mexico

QUADRUPPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
AUG 8 1952
OIL CONSERVATION COMMISSION
SANTA FE OFFICE

If necessary, that Form C-104 be approved before this form can be approved an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPPLICATE.

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator Shell Oil Company Lease Argo

Address Box 1957, Hobbs, New Mexico Box 1909, Midland, Texas
(Local or Field Office) (Principal Place of Business)

Unit 1, Well (or No.) 2, Sec. 1, T. 15-S, R. 37-E, Pool at Basin

County Lea Kind of Lease: Patented

If Oil well Location of Tanks 1/2 of lease

Authorized Transporter Service Pipe Line Address of Transporter
Box 38, Denver City, Texas Box 137, Midland, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas

from this unit are None

REASON FOR FILING: (Please check proper box)

NEW WELL CHANGE IN OWNERSHIP

CHANGE IN TRANSPORTER OTHER (Explain under Remarks)

REMARKS:

New completion. Allowable to date from 8-1-52.

ILLEGIBLE

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 5th day of August, 1952

Approved any - 8, 1952

OIL CONSERVATION COMMISSION
By Roy O. Jankovich
Title Oil & Gas Inspector

By J. R. Savage
Title Division Exploitation Engineer

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
AUG 8 1952
OIL CONSERVATION COMMISSION
HOBBES OFFICE

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. This notice will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| | | | | | |
|--------------------------------------|--|---|---|--------------------------------------|--|
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
| NOTICE OF INTENTION TO PLUG WELL | | NOTICE OF INTENTION TO PLUG BACK | | NOTICE OF INTENTION TO SET LINER | |
| NOTICE OF INTENTION TO SQUEEZE | | NOTICE OF INTENTION TO ACIDIZE | X | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| NOTICE OF INTENTION TO GUN PERFORATE | | NOTICE OF INTENTION (OTHER) | | NOTICE OF INTENTION (OTHER) | |

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico
(Place)

7-20-52
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Shell Oil Company (Company or Operator) Argo Well No. 2 in 1 (Unit)
SE 1/4 NE 1/4 of Sec. 3, T. 15-S, R. 37-E, NMPM., Denton Pool
Lee County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

We propose to acidize open hole interval 12,062' - 12,691' with not more than 1000 gallons acid.

ILLEGIBLE

Approved..... AUG 8 1952, 19.....
Except as follows:

Shell Oil Company
Company or Operator

By J. D. Savage

Position Division Exploitation Engineer
Send Communications regarding well to:

Approved
OIL CONSERVATION COMMISSION
By Roy Yankovich
Title Oil & Gas Inspector

Name Shell Oil Company
Address Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
AUG 8 1952
OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|--|------------------------------------|-------------------------------------|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) <u>Acidizing</u> | <input checked="" type="checkbox"/> |

August 1, 1952
(Date)

El Paso, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company

(Company or Operator)

Acid

(Lease)

Company Tools

(Contractor)

Well No. 2 in the SE 1/4 Sec 3

T-15-S, R-37-S, NMPM, Denton

Pool

Lea

County

The Dates of this work were as follows: 7-31-52

Notice of intention to do the work (was) submitted on Form C-102 on 7-30-52

(Cross out incorrect words)

and approval of the proposed plan (was) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Acidized upon hole 12,022' - 12,491' with 1000 gallons acid. After recovering hole lead flowed 63 BO in 1 hour, out 0.25 BSM.

ILLEGIBLE

Witnessed by E. S. Starling
(Name)

Shell Oil Company
(Company)

Production Foreman
(Title)

Approved: OIL CONSERVATION COMMISSION

Noy Yarbrough
(Name)

Oil & Gas Inspector

AUG 8 1952

(Title)

(Date)

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

Name J. B. Savage

Position Division Exploitation Engineer

Representing Shell Oil Company

Address Box 1977, El Paso, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
OIL CONSERVATION COMMISSION
SANTA FE, N.M.

MISCELLANEOUS REPORTS ON WELLS JUL 12 1952

Submit this report in **TRIPPLICATE** to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|--|---|-------------------------------------|--------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

July 11, 1952
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company (Company or Operator) APR (Lease)
Company Rig (Contractor), Well No. 2 in the S1 1/4 E1 1/4 of Sec. 1
T. 15-S, R. 37-E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: 7-7-52

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____ and approval of the proposed plan ~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

After WOC 72 hours tested 5 1/2" casing and cement with 1500 psi for 30 minutes before and after drilling plug. Test OK.

Witnessed by H. G. Starling (Name) Shell Oil Company (Company) Production Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

R. S. Blynn (Name)

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

Name: F. D. Leigh
Position: Division Mechanical Engineer

Engineer District I (Title)

JUL 16 1952 (Date)

Representing: Shell Oil Company
Address: Box 1957, Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
1952
OIL CONSERVATION COMMISSION
WELLS OFFICE

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

| | | |
|--|-------------------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON REPAIRING WELLS OFFICE |
| REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL | | REPORT ON PULLING OR OTHERWISE ALTERING CASING |
| REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input checked="" type="checkbox"/> | REPORT ON DEEPENING WELL |
| REPORT ON RESULT OF PLUGGING OF WELL | | |

March 4, 1952
Date

Hobbs, New Mexico
Place

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company ARCO Well No. 2 in the
Company or Operator Lease

SE/4 of NE/4 of Sec. 9 T. 15-S R. 17-E N. M. P. M.

Denton Pool Lea County

The dates of this work were as follows: March 4, 1952

Notice of intention to do the work was (was not) submitted on Form C-102 on March 2, 1952, and approval of the proposed plan was ~~obtained~~ obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

After WOC 36 hrs. tested 8-5/8" casing with 1000 psi. for 30 minutes before and after drilling plug. Test OK.

Witnessed by H. G. Sterling Shell Oil Company Production Foreman
Name Company Title

APPROVED: OIL CONSERVATION COMMISSION

Ray Yurbrecht
Name Title
 Gas Inspector
 Date MAR 14 1952

I hereby swear or affirm that the information given above is true and correct.

Name L. E. Single
 Position Division Mechanical Engineer
 Representing Shell Oil Company
Company or Operator
 Address Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

RECEIVED
MAR 11 1952
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Commission.

Indicate nature of notice by checking below:

| | | | |
|---|-------------------------------------|---|--|
| NOTICE OF INTENTION TO TEST CASING SHUT-OFF | <input checked="" type="checkbox"/> | NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL | |
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING | |
| NOTICE OF INTENTION TO REPAIR WELL | | NOTICE OF INTENTION TO PLUG WELL | |
| NOTICE OF INTENTION TO DEEPEN WELL | | | |

Hobbs, New Mexico
Place

March 2, 1952
Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Shell Oil Company Argo Well No. 2 in SW/4 of NE/4
Company or Operator Lease
of Sec. 3 T. 15-S R. 37-E N. M. P. M. Denton field
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Ran 8-5/8" casing and cemented at 4742' with 3000 sacks 1/2 gal and 500 sacks regular. Plug down 5:45 PM 3-2-52. Circulated out an estimated 900 sacks of cement. After WOG 36 hrs. will test casing.

MAR 11 1952

Approved _____, 19____
except at follows:

Shell Oil Company

By *L. E. Single*
Position Division Mechanical Engineer
Send communications regarding well to
Name Shell Oil Company
Address Box 1957
Hobbs, New Mexico

OIL CONSERVATION COMMISSION
By *Roy Yarbrough*
Title Oil & Gas Inspector

NEW MEXICO OIL CONSERVATION COMMISSION

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS

RECEIVED FEB 20 1952

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of casing shut off, result of plugging of well, and other important operations, even though the work was done by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

Table with 4 rows and 2 columns for reporting categories: REPORT ON BEGINNING DRILLING OPERATIONS, REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL, REPORT ON RESULT OF TEST OF CASING SHUT-OFF, REPORT ON RESULT OF PLUGGING OF WELL, REPORT ON REPAIRING WELL, REPORT ON PULLING OR OTHERWISE ALTERING CASING, REPORT ON DEEPENING WELL.

February 18, 1952 Hobbs, New Mexico

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company Company or Operator, Argo Lease, Well No. 2, in the NE/4 of NE/4 of Sec. 3, T. 15-N, R. 37-E, N. M. P. M., Denton Pool, Lea County.

The dates of this work were as follows: February 17, 1952

Notice of intention to do the work was (correct) submitted on Form C-102 on February 18, 1952 and approval of the proposed plan was (correct) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

After WOC 24 hrs. tested 13-3/8" casing with 500 psi before and after drilling plug. Test OK.

Witnessed by H. S. Starling Name, Shell Oil Company Company, Production Foreman Title

APPROVED: Roy [Signature] Name, Oil Conservation Commission, Oil & Gas Inspector Title

I hereby swear or affirm that the information given above is true and correct. Name: L. E. Slagle, L. E. Slagle, Position: Division Mechanical Engineer, Representing: Shell Oil Company, Company or Operator, Address: Box 1957, Hobbs, New Mexico

Date: 5-19-52, 19

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

RECEIVED
FEB 20 1952
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Handbook of Regulations of the Commission.

Indicate nature of notice by checking below:

| | | | |
|---|-------------------------------------|---|--|
| NOTICE OF INTENTION TO TEST CASING SHUT-OFF | <input checked="" type="checkbox"/> | NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL | |
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING | |
| NOTICE OF INTENTION TO REPAIR WELL | | NOTICE OF INTENTION TO PLUG WELL | |
| NOTICE OF INTENTION TO DEEPEN WELL | | | |

Hobbs, New Mexico

February 18, 1952

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Shell Oil Company, Area, Well No. 2 in SW/4 of NE/4 of Sec. 3, T. 15-N, R. 37-W, N. M. P. M., Deaton field, Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Run 13-3/8" casing and cemented at 326' with 325 sacks of regular cement. Circulated out an estimated 25 sacks of cement. Plug down 5:45 PM 2-16-52. After WOC 24 hrs. will test casing.

ILLEGIBLE

FEB 25 1952

Approved _____, 19____
except at follows:

OIL CONSERVATION COMMISSION
By Roy J. Yankovich
Title Oil & Gas Inspector

Shell Oil Company
Company or Operator
By L. E. Slagle
Position Division Mechanical Engineer
Send communications regarding well to
Name Shell Oil Company
Address Box 1957
Hobbs, New Mexico

Jed

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

MISCELLANEOUS REPORTS ON WELLS

FEB 20 1952

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

| | | | |
|--|-------------------------------------|--|--------------------------|
| REPORT ON BEGINNING DRILLING OPERATIONS | <input checked="" type="checkbox"/> | REPORT ON REPAIRING WELL | <input type="checkbox"/> |
| REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL | <input type="checkbox"/> | REPORT ON PULLING OR OTHERWISE ALTERING CASING | <input type="checkbox"/> |
| REPORT ON RESULT OF TEST OF CASING SHUT-OFF | <input type="checkbox"/> | REPORT ON DEEPENING WELL | <input type="checkbox"/> |
| REPORT ON RESULT OF PLUGGING OF WELL | <input type="checkbox"/> | | <input type="checkbox"/> |

February 18, 1952

Doña, New Mexico

Date

Place

Following is a report on the work done and the results obtained under the heading noted above at the

Shell Oil Company Company or Operator Well No. 2 in the
 Lease
 SE/4 of NE/4 of Sec. 3 T. 14 S. R. 7 E. N. M. P. M.
 Denton Pool Lea County

The dates of this work were as follows: February 16, 1952

Notice of intention to do the work was submitted on Form C-102 on January 16, 1952 and approval of the proposed plan was obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spudded 12:00 AM 2-16-52.

ILLEGIBLE

Witnessed by K. G. Starling Name Shell Oil Company Company Production Foreman Title

APPROVED:
 OIL CONSERVATION COMMISSION
Roy G. Hargrave Name
 Oil & Gas Inspector Title
 FEB 25 1952 Date

I hereby swear or affirm that the information given above is true and correct.
 Name L. E. Hagle
 Position Division Mechanical Engineer
 Representing Shell Oil Company Company or Operator
 Address Box 1937, Doña, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

DUPLICATE

NOTICE OF INTENTION TO DRILL

See Rules 101 and 1104.

RECEIVED
FEB 1 1952
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval.

Hobbs, New Mexico

Place

1-26-52

Date

Notice hereby is given that it is our intention to commence the drilling of a well to be known as _____

Shell Oil Company Argo well No. 2 in SE/4 NE/4
Company or Operator Lease
of Sec. 3 T. 15-S R. 37-E N. M., P. M. Denton Pool, Lea County.

The well is 2287 feet from (N.) (~~S~~) line and 330 feet from (E.) (~~W~~) line of the above section.

(Give location from section lines. Cross out wrong directions.)

If state land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is D. E. Pike

Address American Bldg. Box 722, Ada, Oklahoma

If government land the permittee is _____

Address _____

The lessee is Shell Oil Company

Address Box 1957, Hobbs, New Mexico

We propose to drill well with drilling equipment as follows: _____

Rotary Tools

The status of a bond for this well in conformance with Rule 101 of the General Rules and Regulations of the Commission is as follows: Blanket Bond

We propose to use the following strings of casing and to land or cement them as indicated:

| Size of Hole | Size of Casing | Weight Per Foot | New or Second Hand | Depth | Landed or Cemented | Sacks Cement |
|--------------|----------------|-----------------|--------------------|---------|--------------------|--------------|
| 17-1/4" | 13-3/8" | 48# | New | 350' | Cemented | 300 Sks. |
| 11" | 8-5/8" | 32# | New | 4750' | Cemented | 3500 Sks. |
| 7-7/8" | 5-1/2" | 15.5# & 17# | New | 12,560' | Cemented | 750 Sks. |

If changes in the above plans become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 920 feet.

Additional Information:

ILLEGIBLE

FEB 1 1952

Approved _____, 19____

except as follows:

OIL CONSERVATION COMMISSION
By Roy Yarbrough
Title Oil & Gas Inspector

Shell Oil Company
Company or Operator
By J. D. Savage J. D. Savage
Position Division Exploitation Engineer
Send communications regarding well to:
Name Shell Oil Company
Address Box 1957, Hobbs, New Mexico

REC
WR

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY)
 THE OIL CONSERVATION DIVISION FOR THE)
 PURPOSE OF CONSIDERING:)
)
 APPLICATION OF THE OIL CONSERVATION)
 DIVISION FOR AN ORDER REQUIRING POLARIS)
 PRODUCTION CORPORATION TO PLUG 19 WELLS)
 IN LEA COUNTY, NEW MEXICO)
)

CASE NO. 11,812

RECEIVED

SEP 2 1997

Oil Conservation Division

OFFICIAL EXHIBIT FILE

(3 OF 6 - DIVISION EXHIBIT 1A, PART 3 - POLARIS WELL FILES)
EXAMINER HEARING

BEFORE: MICHAEL E. STOGNER, Hearing Examiner

August 21st, 1997

Santa Fe, New Mexico

This matter came on for hearing before the New Mexico Oil Conservation Division, MICHAEL E. STOGNER, Hearing Examiner, on Thursday, August 21st, 1997, at the New Mexico Energy, Minerals and Natural Resources Department, Porter Hall, 2040 South Pacheco, Santa Fe, New Mexico, Steven T. Brenner, Certified Court Reporter No. 7 for the State of New Mexico.

* * *

STEVEN T. BRENNER, CCR
 (505) 989-9317