

BEFORE EXAMINER STOGNER

OIL CONSERVATION DIVISION

OCD EXHIBIT NO. 1A (1-30)

CASE NO. 11812

**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 <b>Polaris Production Corp.</b>	Well API No.
Address <b>P. O. Box 1749, Midland, Texas 79702</b>	
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 <b>Buckley "A"</b>	Well No. <b>3</b>	Pool Name, Including Formation <b>Denton (Penn)</b>	Kind of Lease State, Federal or Fee	Lease No.
Location Unit Letter <b>L</b> : <b>1650</b> Feet From The <b>South</b> Line and <b>330</b> Feet From The <b>West</b> Line Section <b>25</b> Township <b>14 South</b> Range <b>37 East</b> , <b>NMPM</b> , <b>Lea</b> 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"/> <b>Pride Pipeline Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 2436, Abilene, TX 79604</b>			
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>J. L. Davis</b>	Address (Give address to which approved copy of this form is to be sent) <b>211 N. Colorado, Midland, TX 79701</b>			
If well produces oil or liquids, give location of tanks.	Unit <b>M</b>	Sec. <b>25</b>	Twp. <b>14</b>	Rge. <b>37</b>
	Is gas actually connected? <b>Yes</b>		When? <b>Unknown</b>	

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 (pitot, 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** Agent  
 Printed Name  
 Date **1-1-90** Telephone No. **(915) 684-8248**

**OIL CONSERVATION DIVISION**

Date Approved **JAN 08 1990**

By \_\_\_\_\_  
 Title \_\_\_\_\_

Orig. Signed by  
**Paul Kautz**  
 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.

NO. OF COPIES RECEIVED		
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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 Polaris Production Corp.	8. Farm or Lease Name Buckley "A"
3. Address of Operator P. O. Box 1749, Midland, Texas 79702	9. Well No. 3
4. Location of Well UNIT LETTER <u>L</u> , <u>1650</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.	10. Field and Pool, or Wildcat Undesignated
15. Elevation (Show whether DF, RT, GR, etc.) 3809 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

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.

September 1, 1976 - Return to production

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

SIGNED Wilton J. Jarvis TITLE Petroleum Engineer DATE 3-21-77

APPROVED BY Orig. Signed by Jerry Sexton Dist 1, Supv TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

MAR 23 1977

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

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

I.

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 checked="" type="checkbox"/>	Oil <input type="checkbox"/>	<b>CASINGHEAD GAS MUST NOT BE FLARED AT ANY TIME UNLESS AN EXCEPTION TO R-4070 IS OBTAINED.</b>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	
	Dry 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

*R-5456 Denton - Penn*

Lease Name <b>Buckley A</b>	Well No. <b>3</b>	Pool Name, including Formation <b>Denton Pennsylvanian</b>	Kind of Lease State, Federal or Fee <b>Fee</b>	Lease No.
Location				
Unit Letter <b>L</b>	<b>1650</b>	Feet From The <b>South</b>	Line and <b>330</b>	Feet From The <b>West</b>
Line of Section <b>25</b>	Township <b>14 South</b>	Range <b>37 East</b>	<b>NMPM,</b>	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)
<b>Amoco Pipeline</b>	<b>P. O. Box 1725, Midland, Texas 79702</b>
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)
<b>Tipperary</b>	<b>500 W. Illinois, Midland, Texas 79701</b>
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	<b>M 25 14 37 No</b>

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input type="checkbox"/>	Workover <input checked="" type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input checked="" type="checkbox"/>	Same Res'v. <input type="checkbox"/>	Diff. Res'v. <input checked="" type="checkbox"/>
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
	<b>3-1-76</b>	<b>12,598</b>	<b>12,100</b>					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
<b>3819 DF</b>	<b>Pennsylvanian</b>	<b>10,889</b>	<b>10,750</b>					
Perforations	Depth Casing Shoe							
<b>10889-99, 10901-03, 10907-17, 10920-25, 10941-46, 10983-85, 10988-92</b>	<b>12,247</b>							
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
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 <b>3-1-76</b>	Date of Test <b>3-2-76</b>	Producing Method (Flow, pump, gas lift, etc.) <b>Hydraulic pump</b>	
Length of Test <b>24 hrs.</b>	Tubing Pressure <b>--</b>	Casing Pressure <b>--</b>	Choke Size <b>--</b>
Actual Prod. During Test <b>160 BTF</b>	Oil - Bbls. <b>10</b>	Water - Bbls. <b>150</b>	Gas - MCF <b>10</b>

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.

*Davis Payne*  
\_\_\_\_\_  
Davis Payne (Signature)  
\_\_\_\_\_  
Engineer (Title)  
\_\_\_\_\_  
2-22-77 (Date)

OIL CONSERVATION COMMISSION  
**MAR 4 1977**  
APPROVED \_\_\_\_\_, 19\_\_\_\_\_  
BY *Jerry L...*  
\_\_\_\_\_  
TITLE **SUPERVISOR DISTRICT I**

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the 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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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 <u>Polaris Production Corp.</u>	8. Farm or Lease Name <u>Buckley "A"</u>
3. Address of Operator <u>P. O. Box 1749 - Midland, Texas</u>	9. Well No. <u>3</u>
4. Location of Well UNIT LETTER <u>L</u> <u>1650</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.	10. Field and Pool, or Wildcat <u>Undesignated</u>
15. Elevation (Show whether DF, RT, GR, etc.) <u>3809 Gr.</u>	12. County <u>Lea</u>

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 Perforate the Pennsylvanian

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.

- 2-17-76 Set CIBP at 12,100' w/3 sx cmt. on top.
- 2-17-76 Perforate 5 1/2" csg. w/2 JSPF opposite Pennsylvanian fm.10,889-99, 10,901-03, 10,907-17, 10,920-25, 10,941-46, 10,983-85, 10,988-92.
- 2-20-76 Acidize perms w/3000 gal. 157. DS-30 Acid.
- 3-1-76 Run production equipment in hole and put well on test. Well pumped 10 BOPD & 150 BWPD on initial test.
- 5-31-76 SI Well.

*Expires 6/1/77*

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

SIGNED William V. Smith TITLE Petroleum Engineer DATE 9-21-76

APPROVED BY Orig. Signed by Jerry Sexton TITLE \_\_\_\_\_ DATE SEP 23 1976

CONDITIONS OF APPROVAL, IF ANY: Dist. 1, Supv.

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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 <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 Buckley "A"
3. Address of Operator P. O. Box 1749, Midland, Texas 79701	9. Well No. 3
4. Location of Well UNIT LETTER <u>L</u> <u>1650</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.	10. Field and Pool, or Wildcat Undesignated
15. Elevation (Show whether DF, RT, GR, etc.) 3809 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"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <u>Perforate the Pennsylvanian</u> <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <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 tubing and production equipment.
2. Set CIBP at 12,100' and dump 3 sx. cement on top.
3. Perforate opposite the lower Pennsylvanian from 10,888-10,992'.
4. Acidize as necessary to clean perms.
5. Swab test.

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

SIGNED [Signature] Davis Payne TITLE Petroleum Engineer DATE 2-13-76

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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	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 <b>Buckley "A"</b>	Well No. <b>3</b>	Pool Name, including Formation <b>Denton Devonian</b>	Kind of Lease State, Federal or Fee <b>Fee</b>	Lease No.
Location Unit Letter <b>L</b> ; <b>1650</b> Feet From The <b>South</b> Line and <b>330</b> Feet From The <b>West</b> Line of Section <b>25</b> Township <b>14 South</b> Range <b>37 East</b> , NMPM, <b>Lea</b> 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"/> <b>Amoco Production Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 1725, Midland, Texas 79701</b>			
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Tipperary Corp.</b>	Address (Give address to which approved copy of this form is to be sent) <b>229 Western United Life Bldg., Midland, Tx.</b>			
If well produces oil or liquids, give location of tanks.	Unit <b>M</b>	Sec. <b>25</b>	Twp. <b>14</b>	Rge. <b>37</b>
	Is gas actually connected? <b>Yes</b>		When <b>Unknown</b>	

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.
<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		
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
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)

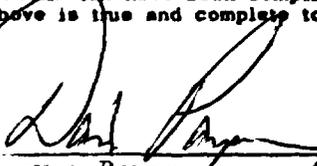
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

**GAS WELL**

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (Pilot, pack pr.)	Tubing Pressure (psig)	Casing Pressure (psig)	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.

  
**Avis Payne** (Signature)  
**President** (Title)  
**12-31-73** (Date)

**OIL CONSERVATION COMMISSION**

APPROVED **JAN 7 - 1974**, 19\_\_\_\_  
 BY **Joe D. Ramey** Orig. Signed by  
**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 deep well, this form must be accompanied by a tabulation of the deviator 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.

**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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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 <b>Buckley A</b>	Well No. <b>3</b>	Pool Name, Including Formation <b>Denton Devonian</b>	Kind of Lease State, Federal or Fee	Fee	Lease No.
Location Unit Letter <b>L</b> ; <b>1650</b> Feet From The <b>south</b> Line and <b>330</b> Feet From The <b>west</b> Line of Section <b>25</b> Township <b>14-S</b> Range <b>37-E</b> , NMPM, <b>Lea</b> County					

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> <b>Amoco Pipe Line Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 1088, Lovington, New Mexico 88260</b>				
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Tipperary Resources Corp.</b>	Address (Give address to which approved copy of this form is to be sent) <b>500 West Illinois, Midland, Texas 79701</b>				
If well produces oil or liquids, give location of tanks.	Unit <b>L</b>	Sec. <b>25</b>	Twp. <b>14-S</b>	Rge. <b>37-E</b>	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		
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
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.

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TRANSPORTER	OIL
	OR GAS
PROBATION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103  
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per **OCT 21 7 38 AM '63** Commission Rule 1106)

Name of Company <b>Shell Oil Company</b>		Address <b>Box 1858 Roswell, New Mexico</b>			
Lease <b>Buckley #A#</b>	Well No. <b>3</b>	Unit Letter <b>L</b>	Section <b>25</b>	Towship <b>14 S</b>	Range <b>37 E</b>
Date Work Performed <b>10-1 thru 10-17-63</b>	Pool <b>Danton-Dawson</b>	County <b>Lea</b>			

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. Ran caliper survey from T.D. 12,598' to casing shoe @ 12,257'.
2. Plugged back with sand to 12,488' and capped with 29' of Hydromite and plugged back to 12,459'.
3. Perforated lower 20' of 5 1/2" casing 12,237-12,257' with 1 jet shot per foot.
4. Ran 2 1/2" tubing and Lynes Packers. Set lower packer @ 12,327' and upper packer @ 12,273'.
5. Treated open hole below bottom packer (12,327-12,459') with 2000 gallons acid-in-kerosene emulsion (20% kerosene). Treated between packers (12,273-12,327') with 2000 gallons acid-in-kerosene emulsion (20% kerosene). Treated open hole and perforations above packer (12,237-12,273') with 2000 gallons 15% NEA with Dow M-38, M-33 and W-27 NE additives.
6. Pulled tubing and Lynes Packers.
7. Reran 2424' of 2" (N&J) tubing, B.P., 10,014' of 2 1/2" (N&J) tubing and hung @ 12,455' (4' off bottom) with 2 1/2" mud anchor @ 10,031-10,000'; 2 sets perforations 10,000-9996' and 9990-9988'; SW @ 9987'; and McGaffey-Taylor anchor @ 990'-9903'.
8. Recovered load.
9. In 24 hours pumped 55 BO / 338 BW on 5-26' SPH.

Witnessed by <b>H. G. Starling</b>	Position <b>Prod. Foreman</b>	Company <b>Shell Oil Company</b>
---------------------------------------	----------------------------------	-------------------------------------

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. <b>3819'</b>	T D <b>12,598'</b>	P B T D <b>- - -</b>	Producing Interval <b>12,247-12,598'</b>	Completion Date <b>March 13, 1954</b>
Tubing Diameter <b>2-3/8"</b>	Tubing Depth <b>12,594'</b>	Oil String Diameter <b>5 1/2"</b>	Oil String Depth <b>12,247'</b>	

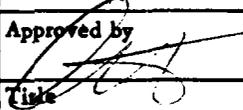
Perforated Interval(s)	Open Hole Interval <b>12,247-12,598'</b>	Producing Formation(s) <b>Dawson</b>
------------------------	---	---

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	<b>11-13-63</b>	<b>35</b>		<b>359</b>	<b>1620</b>	
After Workover	<b>10-16-63</b>	<b>55</b>		<b>338</b>	<b>1129</b>	

OIL CONSERVATION COMMISSION

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

Approved by 	Name <b>V. L. King</b>	Original Signed By: <b>V. L. KING</b>
Title <b>Prod. Foreman</b>	Position <b>Acting District Exploitation Engineer</b>	Company <b>Shell Oil Company</b>
Date <b>OCT 21 1963</b>		

MISCELLANEOUS REPORTS ON WELLS

OCT 21 7 38 AM '83

THIS IS A REPORT OF: (Check appropriate block)  
 Geological & Other Operations  
 Remedial Work  
 Logging

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

1. Run caliper survey from T.D. 12,295' to casing shoe @ 12,227'.
2. Plugged back with sand to 12,485' and cased with 2 1/2" of hydraulic and changed back to 12,429'.
3. Perforated lower 20' of 2 1/2" casing 12,237-12,227' with 1 jet shot per foot.
4. Run 2 1/2" tubing and tyres packers. Set lower packer @ 12,227' and upper packer @ 12,429'.
5. Treated open hole below bottom packer (12,237-12,429') with 2000 gallons acid-in-kerosene emulsion (20% kerosene). Treated between packers (12,237-12,327') with 2000 gallons acid-in-kerosene emulsion (20% kerosene). Treated open hole and perforations above packer (12,237-12,273') with 2000 gallons 12% HCl with Dow M-38, M-33 and M-27 no emulsifier.
6. Pulled tubing and tyres packers.
7. Run 2 1/2" of 2" (HCL) tubing, B.P., 10,014' of 2 1/2" (HCL) tubing and plug @ 12,227' (HCL) old bottom) with 2 1/2" and anchor @ 10,031-10,000'; 2 sets perforations 10,000-9980' and 9990-9988'; M @ 9987' and Accliley-Taylor anchor @ 9907-9903'.
8. Recovered lead.
9. In 24 hours pumped 22 BO 1/2 338 BW on 2-26' SW.

Prepared by H. O. Starling  
 Position: Prod. Foreman  
 Company: Shell Oil Company

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY  
 ORIGINAL WELL DATA

D.P. Elev.	12,295'	T.D.	12,295'
Tubing Diameter	2-3/8"	Tubing Depth	12,294'
Perforated Interval(s)			
Open Hole Interval	12,227-12,298'	Producing Formation(s)	Devonian

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCBPD	Water Production BPD	GOR (Cubic feet BBL)	GOR (Cubic feet BPD)
Before Workover	11-13-82	22		320		1450
After Workover	10-16-83	22		322		1450

Oil Conservation Commission

Approved by: *[Signature]*  
 Position: *[Blank]*  
 Date: *[Blank]*

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	GAS		
PERFORATION OFFICE			
OPERATOR			

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## MISCELLANEOUS NOTICES SEP 30 8 52 AM '63

strict Office, Oil Conservation Commission, before the work specified is to begin. A copy will be furnished to the Bureau of Mines 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		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Roswell, New Mexico  
(Place)

September 27, 1963  
(Date)

Gentlemen:

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

Shell Oil Company Buckley "A" Well No. 3 in L  
 (Company or Operator) Lease (Unit)

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

Las County.

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

1. Pull rods, pump and tubing.
2. Run caliper survey from TD to casing shoe.
3. Plug back with sand from TD to 12,490' (108') and with Hydromite from 12,490 to 12,460' (30').
4. Perforate lower 20' of casing with 1 JSFF.
5. Run tubing with 2 Lynes 4" OD straddle packers. Set bottom of lower packer at approximately 12,327' and bottom of top packer at approximately 12,273'.
6. Treat with retarded acid as follows:
  - a. Treat below bottom packer with 4000 gallons acid-in-kerosene emulsion (20% kerosene - taylored to BHT of 170° F.).
  - b. Treat between packers with 2000 gallons acid-kerosene emulsion.
  - c. Treat above packers with 2000 gallons 15% NHA with HLX-37 additive (Halliburton thin retarder additive).

(over) SEP 30 1963

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

Approved  
OIL CONSERVATION COMMISSION

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

Shell Oil Company  
Company or Operator

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

Position District Expeditation Engineer  
Send Communications regarding well to:

Name Shell Oil Company

Address Box 1653 Roswell, New Mexico

SEP 30 8 23 AM '83

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8. Run production equipment and place on production.

7. Pull tubing and packers.

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DUPLICATE

NEW MEXIC

ILLEGIBLE

MISSION HOBBS OFFICE OCG

1954 OCT 28 PM 2:39

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 QUADRUPPLICATE

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

Company or Operator Shell Oil Company Lease Unit 1

Address Box 1222, Hobbs, New Mexico (Local/Field Office) Box 1222, Hobbs, New Mexico (Principal Place of Business)

Unit 1, Well(s) No. 1, Sec. 1, Twp. 1, R. 1, Pool 1

County Lea Kind of Lease Leasehold

If Oil well Location of Tanks On premises

Authorized Transporter Shell Oil Company Address of Transporter Box 1222, Hobbs, New Mexico

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 maximum gas production on the above lease in accordance with Commission Order 2-72-4, Paragraph 9, Rule 1204, Section (a) MRP**

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

Executed this the 15 day of November 1954  
Shell Oil Company

Approved NOV 15 1954, 1954

OIL CONSERVATION COMMISSION

By S. J. STANLEY

Title ENGINEER-DIST

Original signed by D. H. TRAHAN

By D. H. TRAHAN

Title Production Superintendent

NEW ME

ILLEGIBLE

MISSION

It is 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 QUADRUPLICATE.

NOBBO OFFICE OCC

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS : 15

Company or Operator Shell Oil Company Lease Dudley A

Address Box 197, Baton Rouge, Louisiana (Local or Field Office) Box 197, Baton Rouge, Louisiana (Principal Place of Business)

Unit Well No. 2, Sec. 25, T-24-N, R-27-W, Pool, Louisiana

County Louisiana Kind of Lease: Leased

If Oil well Location of Tanks

Authorized Transporter Atlantic Refining Company Address of Transporter

Box 64, Livingston, Louisiana (Local or Field Office)

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 2-98-1, Paragraph 9, Rule 1167, Section (A).

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 30 1954, 19

OIL CONSERVATION COMMISSION

By S. J. STANLEY

Title Engineer District 1

Shell Oil Company

Original signed by B. Nevill

By B. Nevill

Title Division Enforcement Engineer



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 12,598 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing March 13, 1954

OIL WELL: The production during the first 24 hours was 990 barrels of liquid of which 99.6% was oil; \_\_\_\_\_% was emulsion; \_\_\_\_\_% water; and 0.4% was sediment. A.P.I. Gravity 46.8 deg. API

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 12,226' (-5407')	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 1648' (-829')	T. Granite.....	T. Dakota.....
T. Glorieta 6198' (-3377')	T. Walfenop 9238' (-5419')	T. Morrison.....
T. Drinkard.....	T. ....	T. Penn.....
T. Tubbs.....	T. ....	T. ....
T. Abo 8025' (-4206')	T. ....	T. ....
T. Penn.....	T. ....	T. ....
T. Miss.....	T. ....	T. ....

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	9,100	9100	No samples taken				
9,100	9,100	190	Dolomite				
9,290	9,600	310	Dolomite & Lime				
9,600	9,650	50	Lime				
9,650	9,890	240	Lime & Shale				
9,890	10,470	580	Lime, Dolomite & Shale				
10,470	11,450	980	Lime & Shale				
11,450	11,740	290	Lime, Shale & Chert				
11,740	11,870	130	Lime & Shale				
11,870	12,100	230	Lime, Shale & Chert				
12,100	12,225	125	Lime & Shale				
12,225	12,435	210	Lime, Shale & Dolomite				
12,435	12,575	140	Dolomite & Shale				
12,575	12,598	23	Shale, Dolomite & Lime				

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 18, 1954 (Date)

Company or Operator Shell Oil Company

Address Box 1957, Hobbs, New Mexico

Name B. Nevill Original signed by B. Nevill

Position or Title Division Exploitation Engineer

- DST # 1      9250' - 9400' (150' Wolfcamp limestone & dolomite). Tool open 2 hours & 5 minutes thru 3/4" BC & 1" TC on 3 1/2" DS. Weak air blow throughout test. NGTS. Recovered 20' (0.28 bbls.) mud + 180' (0.81 bbls.) O&GCM (est. 10% oil). Pit mud filtrate titrates 3,000 ppmCl<sup>-</sup>. Recovery mud filtrate titrates 3,000 ppmCl<sup>-</sup>. FBHP 200 psi. 30 minutes SIBHP 1425 psi. HMH 4425 psi. Positive Test.
- DST # 2      9400' - 9460' (60' Wolfcamp limestone). Tool open 1 hour thru 3/4" BC & 1" TC on 4 1/2" DS. No air to surface. Recovered 40' (0.24 bbls.) drilling mud. Recovery mud filtrate titrates 3,000 ppmCl<sup>-</sup>. Pit mud filtrate titrates 3,000 ppmCl<sup>-</sup>. FBHP 0 - 100 psi. SIBHP not taken. HMH 4450 psi. Positive Test.
- DST # 3      10,915' - 10,970' (55' Pennsylvanian oolitic limestone). Tool open 1 1/3 hours thru 3/4" BC & 1" TC on 4 1/2" DS. Very weak air blow throughout test. NGTS. Recovered 110' (0.49 bbls.) mud w/slt salty taste @ bottom + 270' (1.21 bbls.) slt mud cut salt water titrating 59,000 ppmCl<sup>-</sup>. FBHP 0 - 275 psi. 30 minutes SIBHP 2925 psi. HMH 4950 psi. Positive Test.

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

**RECEIVED**  
MAR 18 1954  
New Well

**DUPLICATE**

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 QUADRUPLICATE 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 (Place) March 18, 1954 (Date)

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

Shell Oil Company (Company or Operator) Block 4A (Lease), Well No. 3, in NW  $\frac{1}{4}$  SW  $\frac{1}{4}$ , 1 (Unit), Sec. 25, T. 14-N, R. 37-W, NMPM, Denton Pool  
Lee County. Date Spudded 12-5-51, Date Completed 3-13-54

Please indicate location:

Section 25


Elevation 3819 Total Depth 12,598', P.B.

Top oil pay 12,226 Prod. Form Denton

Casing Perforations: \_\_\_\_\_ or

Depth to Casing shoe of Prod. String 12,247

Natural Prod. Test \_\_\_\_\_ BOPD

based on \_\_\_\_\_ bbls. Oil in \_\_\_\_\_ Hrs. \_\_\_\_\_ Mins.

Test after acid or shot 390 BOPD

Based on 444 bbls. Oil in 18 Hrs. \_\_\_\_\_ Mins.

Gas Well Potential \_\_\_\_\_

Size choke in inches 18/64

Date first oil run to tanks or gas to Transmission system: 3-13-54

Transporter taking Oil or Gas: Service Pipe Line

Remarks: \_\_\_\_\_

**ILLEGIBLE**

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

Approved 3/18, 1954

Shell Oil Company  
(Company or Operator)

By: B. Nevill Original signed by  
(Signature) B. Nevill

Title: Division Exploitation Engineer  
Send Communications regarding well to:

Name: Shell Oil Company

Address: Box 1957, Hobbs, New Mexico

OIL CONSERVATION COMMISSION

By: [Signature]  
Title: Assistant Mgr. of Oil & Gas Inspections

**DUPLICATE**

NEW MEXIC

**ILLEGIBLE**

SION

**RECEIVED**  
MAR 19 1954  
OIL CONSERVATION COMMISSION  
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** ..... Lease..... **Buckley "A"**

Address..... **Box 1977, Hobbs, New Mexico** ..... **Box 1509, Midland, Texas**  
(Local or Field Office) (Principal Place of Business)

Unit..... **6** Well No..... **3** Sec..... **25** T-**14-1** R-**37-1** Pool..... **Benton**

County..... **Leon** Kind of Lease..... **Patented**

If Oil well Location of Tanks..... **Near Center of lease**

Authorized Transporter..... **Service Pipe Line** **Amerco Pipeline Co.** Address of Transporter  
**Box 34, 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 3-13-54**

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

Executed this the **18th** day of **March** 19 **54**

Approved..... **3/18** ..... 19 **54**

OIL CONSERVATION COMMISSION  
By..... **W. L. Carter**  
Title..... **Permitting Engineer**  
**Gas Inspector**

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

(See Instructions on Reverse Side)

DUPLICATE

NEW MEXICO

ILLEGIBLE

MISSION

RECEIVED  
MAR 18 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		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) <b>ACIDISING</b>	<b>X</b>

March 18, 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

Shell Oil Company  
(Company or Operator)

Duckley #1  
(Lease)

(Contractor)

Well No. 2 in the SW 1/4 SE 1/4 of Sec. 23

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

The Dates of this work were as follows: 3-17-54

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

Washed formation w/500 gallons mud acid. Then treated open hole interval w/1500 gallons 15% LST acid.

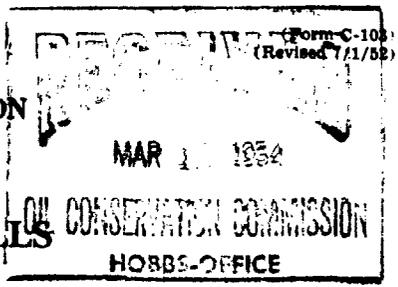
In 24 hours flowed 390 BB (based on 444 BB in 18 hours) out 0.45 BB, no water thru 18/64 choke. IP 1100 psi - 915 psi. GP 70 psi. GOR 776. Gravity 46.8 deg. API.

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

Approved: [Signature] OIL CONSERVATION COMMISSION [Signature] (Name) [Signature] (Title) 3/18 (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge. Original signed by B. Nevill (Name) Division Exploitation Engineer (Position) Shell Oil Company (Representing) Hobbs, New Mexico (Address)

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 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 12, 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

Shell Oil Company  
(Company or Operator)

Blockley "A"  
(Lease)

Rowan Drilling Company  
(Contractor)

Well No. 3 in the NW 1/4 SW 1/4 of Sec. 25

T. 14-S, R. 27-E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: March 8, 1954

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 12,239' of 5-1/2" casing and cemented at 12,247' with 500 sacks of 45 gel and 300 sacks neat cement. After WOC 9 hours ran temperature survey and found top of cement outside 5-1/2" casing at 8215'. After WOC 68 hours tested casing and cement with 1500 psi before and after drilling float collar. Test OK.

Witnessed by: B. L. Simmers (Name) Shell Oil Company (Company) Drilling Foreman (Title)

Approved: S. J. Stanley (Name)  
Engineer (Title)  
OIL CONSERVATION COMMISSION  
Date: MAR 11 1954

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

RECEIVED  
DEC 24 1953  
OIL CONSERVATION COMMISSION  
HOBBBS OFFICE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in **TRIPLICATE** to the District Office, Oil Conservation Commission, within 10 days after ~~HOBBBS OFFICE~~ 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)	

December 22, 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)

Buckley "A"  
(Lease)

Rowan Drilling Company  
(Contractor)

Well No. 2 in the NW 1/4 SW 1/4 of Sec. 23

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

The Dates of this work were as follows: December 20, 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 4759' of 8-5/8" casing and cemented at 4772' with 2750 sacks 4.5 gal and 250 sacks of neat cement. Did not circulate cement. After WOC 12 hours ran temperature survey and found top of cement at 990'. After WOC 24 hours hung 8-5/8" casing on Cameron 13-3/8" head and nipples up. Found top of cement at 4444'. Drilled cement from 4444' to 4752' and tested casing with 1500 psi for 30 minutes. Test OK.

Witnessed by F. W. Stewart  
(Name)

Shell Oil Company  
(Company)

Drilling Foreman  
(Title)

Approved: OIL CONSERVATION COMMISSION  
*S. G. Stanley*  
Engineer District 1  
(Title)

DEC 24 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  
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 10 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	<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"/>

**December 7, 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)

**Bankley "A"**

(Lease)

**Rowan Drilling Company**

(Contractor)

Well No. **3** in the **SW**  $\frac{1}{4}$  **SW**  $\frac{1}{4}$  of Sec. **25**

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

The Dates of this work were as follows: **December 5, 1953**

Notice of intention to do the work (was) ~~submitted~~ submitted on Form C **101** on **November 16,** 19**53**,  
(Cross out incorrect words)

and approval of the proposed plan (was) ~~obtained~~ obtained.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

**Spudded 6:00 P.M. 12-5-53**

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

Approved: **OIL CONSERVATION COMMISSION**

*S. J. Stanley*  
(Name)

**Engineer District 1**

(Title)

**DEC 10 1953**

(Date)

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

Name **F. D. [Signature]**

Position **Division Mechanical Engineer**

Representing **Shell Oil Company**

Address **Box 1977, Hobbs, New Mexico**

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**RECEIVED**  
DEC 10 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)	

December 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)

Buckley "A"  
(Lease)

Rowan Drilling Company  
(Contractor)

Well No. 3 in the NW  $\frac{1}{4}$  SW  $\frac{1}{4}$  of Sec. 25

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

The Dates of this work were as follows: December 6, 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 317' of 13-3/8" casing and cemented at 342' with 350 sacks neat cement. Circulated cement. After WOG 12 hours tested casing with 500 psi for 30 minutes before drilling plug. Test OK.

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

Approved: J. G. Stanley  
OIL CONSERVATION COMMISSION  
(Name)

Engineer District 1 DEC 10 1953  
(Title) (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



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

June 1, 1993

SECOND NOTICE

BRUCE KING  
GOVERNOR

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88241-1980  
(505) 393-6161

RECEIVED MAY 31 1993

Polaris Production Corp

PO Box 1749

Midland TX 79702

RE: Flaring of Casinghead Gas

Gentlemen:

According to our records, permission to flare casinghead gas from your well/wells listed below has expired. Please, therefore, submit the enclosed Forms C-129 in triplicate requesting an exception to Division Rule 306. Please submit these forms to P.O. Box 1980; Hobbs, NM 88240.

Buckley "B" #2-D

25-14-37

Denton Pennsylvanian

In the event that the gas has been connected to a gathering facility, please submit Form C-104 designating the transporter and showing the connection date, rather than Form C-129.

Yours very truly

OIL CONSERVATION DIVISION

*Jerry Sexton*  
Jerry Sexton  
Supervisor, District I

JS/mp

6-22-93

Flaring is not necessary at this time as there is temporarily no production. Will file Form C-129 when production resumes.

Polaris Production Corp.  
Nancy Stacks



Submit to Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 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.  
 30-025-05125

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 \_\_\_\_\_

b. Type of Completion:  
 NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR  OTHER \_\_\_\_\_

2. Name of Operator  
 Polaris Production Corp.

3. Address of Operator  
 P. O. Box 1749, Midland, TX 79702

4. Well Location  
 Unit Letter D : 990 Feet From The North Line and 330 Feet From The West Line  
 Section 25 Township 14 South Range 37 East NMPM Lea County

7. Lease Name or Unit Agreement Name  
 Buckley "B"

8. Well No.  
 2

9. Pool name or Wildcat  
 Denton Pennsylvanian

10. Date Spudded 1-12-90  
 11. Date T.D. Reached 12-4-54  
 12. Date Compl. (Ready to Prod.) 1-20-90  
 13. Elevations (DF& RKB, RT, GR, etc.) 3812' GR  
 14. Elev. Casinghead 3812'

15. Total Depth 12,605'  
 16. Plug Back T.D. 12,020'  
 17. If Multiple Compl. How Many Zones?  
 18. Intervals Drilled By Rotary Tools 0-TD Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name  
 11,100-11,138' Pennsylvanian  
 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run  
 Gamma Ray  
 22. Was Well Cored No

**23. 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#	373'	17 1/2"	400 sx	---
8 5/8"	30#	4774'	11"	2600 sx	---
5 1/2"	17 & 20#	12,457'	7 7/8"	900 sx	---
		CIBP @ 12,100'			

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	11,100	---

26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11,100 - 11,108'	3/8" Jets	16 shots	5860'	Cmt. squeeze w/400 sx
11,130 - 11,138'	3/8" Jets	16 shots		TOC @ 4720'

**28. PRODUCTION**

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
1-20-90	Pump - 2 7/8" X 1 1/2" X 24' Insert Pump					Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1-20-90	24	---		33	30	55	909
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
20	20		33	30	55	40.1	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
 Lease Use  
 Test Witnessed By  
 Garry Payne

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 Nancy Stacks Printed Name Nancy Stacks Title Agent Date 2-23-90

*24 Denton Pool*

# 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

- T. Anhy \_\_\_\_\_
- T. Salt \_\_\_\_\_
- B. Salt \_\_\_\_\_
- T. Yates \_\_\_\_\_
- T. 7 Rivers \_\_\_\_\_
- T. Queen \_\_\_\_\_
- T. Grayburg \_\_\_\_\_
- T. San Andres \_\_\_\_\_
- T. Glorieta \_\_\_\_\_
- T. Paddock \_\_\_\_\_
- T. Blinebry \_\_\_\_\_
- T. Tubb \_\_\_\_\_
- T. Drinkard \_\_\_\_\_
- T. Abo \_\_\_\_\_
- T. Wolfcamp \_\_\_\_\_
- T. Penn \_\_\_\_\_
- T. Cisco (Bough C) \_\_\_\_\_
- T. Canyon \_\_\_\_\_
- T. Strawn \_\_\_\_\_
- T. Atoka \_\_\_\_\_
- T. Miss \_\_\_\_\_
- T. Devonian \_\_\_\_\_
- T. Silurian \_\_\_\_\_
- T. Montoya \_\_\_\_\_
- T. Simpson \_\_\_\_\_
- T. McKee \_\_\_\_\_
- T. Ellenburger \_\_\_\_\_
- T. Gr. Wash \_\_\_\_\_
- T. Delaware Sand \_\_\_\_\_
- T. Bone Springs \_\_\_\_\_
- T. \_\_\_\_\_
- T. \_\_\_\_\_
- T. \_\_\_\_\_
- T. \_\_\_\_\_

### Northwestern New Mexico

- T. Ojo Alamo \_\_\_\_\_
- T. Kirtland-Fruitland \_\_\_\_\_
- T. Pictured Cliffs \_\_\_\_\_
- T. Cliff House \_\_\_\_\_
- T. Menefee \_\_\_\_\_
- T. Point Lookout \_\_\_\_\_
- T. Mancos \_\_\_\_\_
- T. Gallup \_\_\_\_\_
- Base Greenhorn \_\_\_\_\_
- T. Dakota \_\_\_\_\_
- T. Morrison \_\_\_\_\_
- T. Todilto \_\_\_\_\_
- T. Entrada \_\_\_\_\_
- T. Wingate \_\_\_\_\_
- T. Chinle \_\_\_\_\_
- T. Permian \_\_\_\_\_
- T. Penn "A" \_\_\_\_\_
- T. Penn "B" \_\_\_\_\_
- T. Penn "C" \_\_\_\_\_
- T. Penn "D" \_\_\_\_\_
- T. Leadville \_\_\_\_\_
- T. Madison \_\_\_\_\_
- T. Elbert \_\_\_\_\_
- T. McCracken \_\_\_\_\_
- T. Ignacio Otzte \_\_\_\_\_
- T. Granite \_\_\_\_\_
- 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
			<i>see original completion</i>				

**RECEIVED**  
**FEB 26 1990**  
 OCD  
 HOBBS OFFICE

**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 <b>Polaris Production Corp.</b>	Well API No. <b>30-025-05125</b>
Address <b>P. O. Box 1749, Midland, TX 79702</b>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain) <input type="checkbox"/> <b>CASINGHEAD GAS MUST NOT BE</b>	
New Well <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"/>
Recompletion <input checked="" type="checkbox"/>	<b>FLARED AFTER 4-1-90</b> <b>UNLESS AN EXCEPTION TO R-407Q</b> <b>IS OBTAINED.</b>
Change in Operator <input type="checkbox"/>	

If change of operator give name and address of previous operator \_\_\_\_\_

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <b>Buckley "B"</b>	Well No. <b>2</b>	Pool Name, including Formation <b>Denton Pennsylvanian 5/1/90</b>	Kind of Lease State, Federal or <u>Fed.</u>	Lease No.
Location Unit Letter <b>D</b> : <b>990</b> Feet From The <b>North</b> Line and <b>330</b> Feet From The <b>West</b> Line Section <b>25</b> Township <b>14</b> South Range <b>37</b> 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"/> <b>Pride Pipeline Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 2436, Abilene, TX 79604</b>				
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>J. L. Davis</b>	Address (Give address to which approved copy of this form is to be sent) <b>211 N. Colorado, Midland, TX 79701</b>				
If well produces oil or liquids, give location of tanks.	Unit <b>E</b>	Sec. <b>25</b>	Twp. <b>14</b>	Rge. <b>37</b>	Is gas actually connected? <input type="checkbox"/> When? <b>No</b>

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

**IV. COMPLETION DATA**

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
	<b>X</b>					<b>X</b>		<b>X</b>
Date Spudded <b>1-12-90</b>	Date Compl. Ready to Prod. <b>1-20-90</b>	Total Depth <b>12,605'</b>			P.B.T.D. <b>12,020'</b>			
Elevations (DF, RKB, RT, GR, etc.) <b>3812' GR</b>	Name of Producing Formation <b>Pennsylvanian</b>	Top Oil/Gas Pay <b>11,080'</b>			Tubing Depth <b>11,100'</b>			
Perforations <b>11,100-11,108' and 11,130-11,138'</b>					Depth Casing Shoe <b>12,461'</b>			

**TUBING, CASING AND CEMENTING RECORD**

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
<b>17 1/2"</b>	<b>13 3/8"</b>	<b>373'</b>	<b>400 sx</b>
<b>11"</b>	<b>8 5/8"</b>	<b>4774'</b>	<b>2600 sx</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>12,457'; CIBP @ 12,100'</b>	<b>900 sx</b>
<b>---</b>	<b>2 7/8"</b>	<b>11,100'</b>	<b>---</b>

**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 <b>1-20-90</b>	Date of Test <b>1-20-90</b>	Producing Method (Flow, pump, gas lift, etc.) <b>Pump</b>	
Length of Test <b>24 hrs.</b>	Tubing Pressure <b>20</b>	Casing Pressure <b>20</b>	Choke Size <b>---</b>
Actual Prod. During Test	Oil - Bbls. <b>33</b>	Water - Bbls. <b>55</b>	Gas- MCF <b>30</b>

**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  
**2-23-90**  
 Date

**Agent**  
 Title  
**(915) 684-8248**  
 Telephone No.

**OIL CONSERVATION DIVISION**  
**FEB 27 1990**

Date Approved \_\_\_\_\_

By **ORIGINAL SIGNED BY JERRY SEXTON**  
**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.

RECEIVED

FEB 26 1990

CCO  
HOBBS OFFICE

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

**OIL CONSERVATION DIVISION**

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

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 LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

Operator <b>Polaris Production Corp.</b>			Lease <b>Buckley "B"</b>		Well No. <b>2</b>
Unit Letter <b>D</b>	Section <b>25</b>	Township <b>14-S</b>	Range <b>37-E</b>	County <b>Lea</b>	

Actual Footage Location of Well:  
**990** feet from the **North** line and **330** feet from the **West** line

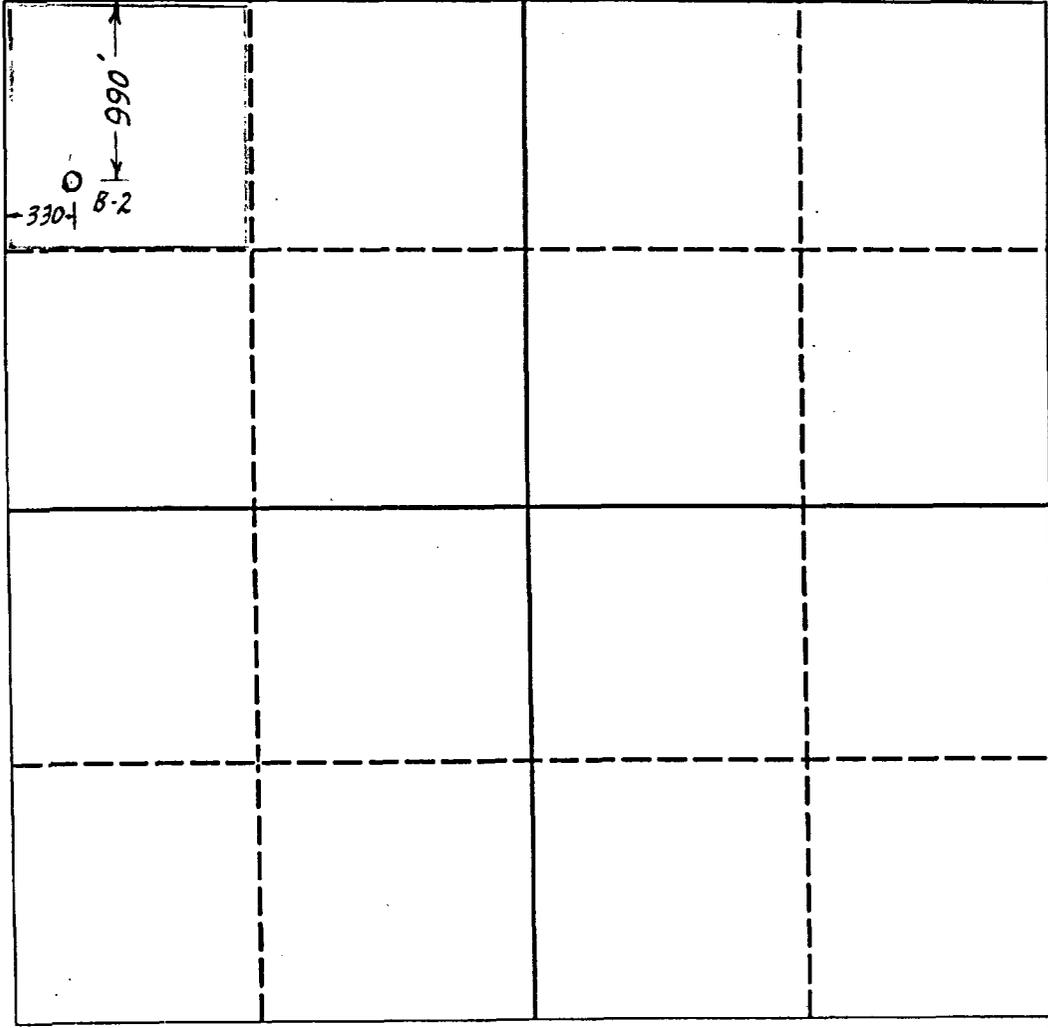
Ground level Elev. <b>3812'</b>	Producing Formation <b>Pennsylvanian</b>	Pool <b>Denton</b>	Dedicated Acreage: <b>40 Acres</b>
------------------------------------	---	-----------------------	---------------------------------------

- 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: *[Signature]*

Printed Name: **Davis Payne**

Position: **President**

Company: **Polaris Production Corp.**

Date: **1-2-90**

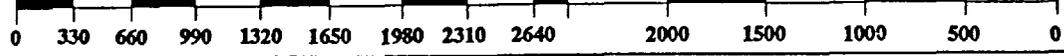
**SURVEYOR CERTIFICATION**

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

Date Surveyed: \_\_\_\_\_

Signature & Seal of Professional Surveyor: \_\_\_\_\_

Certificate No.: \_\_\_\_\_



RECEIVED

MAY 11 1990

GCD

HOBBS OFFICE

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)

30-025-05125

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  PLUG BACK   
 b. Type of Well:  
 OIL WELL  OAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

7. Lease Name or Unit Agreement Name  
 Buckley "B"

2. Name of Operator  
 Polaris Production Corp.

8. Well No.  
 2

3. Address of Operator  
 P. O. Box 1749, Midland, TX 79702

9. Pool name or Wildcat  
 Denton Pennsylvanian

4. Well Location  
 Unit Letter D : 990 Feet From The North Line and 330 Feet From The West Line  
 Section 25 Township 14-S Range 37-E NMPM Lea County

10. Proposed Depth  
 12,100'  
 11. Formation  
 Pennsylvanian  
 12. Rotary or C.T.  
 ---

13. Elevations (Show whether DF, RT, GR, etc.)  
 3815' DF  
 14. Kind & Status Plug. Bond  
 Blanket  
 15. Drilling Contractor  
 NA  
 16. Approx. Date Work will start  
 Immediately

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#	373'	400	Surface
11	8 5/8"	32#	4774'	2600	Surface
7 7/8"	5 1/2"	17 & 20#	12,472'	900	7090'

1. Pull tubing and production equipment.
2. Set CIBP at 12,100' and dump 3 sx cement on top.
3. Perforate opposite the lower Pennsylvanian from 11,100-11,140'.
4. Acidize as necessary to clean perfs.
5. Swab test.

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 1-2-90

TYPE OR PRINT NAME \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
 DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

JAN 12 1990

Permit Expires 6 Months From Approval  
 Date Unless Drilling Underway  
 Workover

**RECEIVED**

**JAN 11 1990**

**OCD  
HOBBS OFFICE**

**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 <b>Polaris Production Corp.</b>	Well API No.
Address <b>P. O. Box 1749, Midland, Texas 79702</b>	
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 checked="" 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 <b>Buckley "B"</b>	Well No. <b>2</b>	Pool Name, Including Formation <b>Denton Devonian</b>	Kind of Lease State, Federal or Fee	Lease No.
Location Unit Letter <b>D</b> : <b>990</b> Feet From The <b>North</b> Line and <b>330</b> Feet From The <b>West</b> Line Section <b>25</b> Township <b>14 South</b> Range <b>37 East</b> , 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"/> <b>Pride Pipeline Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 2436, Abilene, TX 79604</b>			
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>J. L. Davis</b>	Address (Give address to which approved copy of this form is to be sent) <b>211 N. Colorado, Midland, TX 79701</b>			
If well produces oil or liquids, give location of tanks.	Unit <b>E</b>	Sec. <b>25</b>	Twp. <b>14</b>	Rge. <b>37</b>
	Is gas actually connected? <b>Yes</b>		When? <b>Unknown</b>	
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		
<b>TUBING, CASING AND CEMENTING RECORD</b>								
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 *Nancy Stacks*  
 Printed Name **Nancy Stacks** Agent  
 Date **1-1-90** Telephone No. **(915) 684-8248**

**OIL CONSERVATION DIVISION**  
**JAN 18 1990**  
 Date Approved \_\_\_\_\_  
 By \_\_\_\_\_  
 Title **ORIGINAL SIGNED BY JERRY SEXTON  
 DISTRICT I SUPERVISOR**

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator <b>Polaris Production Corp.</b>	8. Farm or Lease Name <b>Buckley "B"</b>
3. Address of Operator <b>P. O. Box 1749, Midland, Texas 79701</b>	9. Well No. <b>2</b>
4. Location of Well UNIT LETTER <b>D</b> , <b>990</b> FEET FROM THE <b>North</b> LINE AND <b>330</b> FEET FROM THE <b>West</b> LINE, SECTION <b>25</b> TOWNSHIP <b>14-S</b> RANGE <b>37-E</b> NMPM.	10. Field and Pool, or Wildcat <b>Denton Devonian</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3815' DF</b>	12. County <b>Lea</b>

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" 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.

This well is uneconomical to produce at this time.

*Expires 2/1/77 (2)*

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

SIGNED *William H. Spiros* TITLE Engineer DATE 6-28-76  
*William H. Spiros*  
 ORIG. SIGNED BY Jerry Sexton  
 TITLE Supv.

APPROVED BY \_\_\_\_\_ DATE NOV 30 1976

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-105  
 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)      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 <u>Buckley "B"</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 <u>D</u> ; <u>990</u> Feet From The <u>North</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.</u>			
If well produces oil or liquids, give location of tanks.	Unit <u>E</u>	Sec. <u>25</u>	Twp. <u>14</u>	Rge. <u>37</u>
	Is gas actually connected?      Yes		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 Resrv.	Diff. Resrv.
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 (pitot, back pr.)	Tubing Pressure (psig-in)	Casing Pressure (psig-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  
 BY Joe D. Ramsey      Orig. Signed by  
 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 deviator 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.

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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-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**

If change of ownership give name and address of previous owner \_\_\_\_\_

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <b>Buckley B</b>	Well No. <b>2</b>	Pool Name, including Formation <b>Denton Devonian</b>	Kind of Lease State, Federal or Fee	Fee	Lease No.
Location Unit Letter <b>D</b> ; <b>990</b> Feet From The <b>north</b> Line and <b>330</b> Feet From The <b>west</b> Line of Section <b>25</b> Township <b>14-S</b> Range <b>37-E</b> , NMPM, <b>Lea</b> County					

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> <b>Amoco Pipe Line Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 1088, Lovington, New Mexico 88260</b>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Tipperary Resources Corp.</b>	Address (Give address to which approved copy of this form is to be sent) <b>500 West Illinois, Midland, Texas 79701</b>
If well produces oil or liquids, give location of tanks. Unit <b>D</b> Sec. <b>25</b> Twp. <b>14</b> Rge. <b>37</b>	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		
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
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  
JUL 8 1970  
APPROVED \_\_\_\_\_, 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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**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)

O. C. C.

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator <b>Shell Oil Company</b>			Lease <b>Buckley "B"</b>		Well No. <b>2</b>
Unit Letter <b>D</b>	Section <b>25</b>	Township <b>14 S</b>	Range <b>37 E</b>	County <b>Los</b>	
Pool <b>Denton-Devonian</b>			Kind of Lease (State, Fed, Fee) <b>Fee</b>		
If well produces oil or condensate give location of tanks		Unit Letter <b>E</b>	Section <b>25</b>	Township <b>14 S</b>	Range <b>37 E</b>
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> <b>Service Pipe Line Company</b> <b>Amoco Pipeline Co.</b>			Address (give address to which approved copy of this form is to be sent) <b>Box Q, Denver City, Texas</b>		
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"/> <b>Atlantic Refining Company</b>		Date Connected	Address (give address to which approved copy of this form is to be sent) <b>Box 696 Lovington, New Mexico</b>		

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)      Other (explain below)  
Oil .....       Dry Gas .....   
Casing head gas .       Condensate . .

**Buckley "B" Devonian and Wolfcamp production will be commingled as of April 21, 1964.  
NMOCC Administrative Order PC-204, dated April 3, 1964.**

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.  
Executed this the 21st day of April, 1964.

OIL CONSERVATION COMMISSION		By
Approved by		<b>S. B. Deal</b>
Title		<b>Division Production Superintendent</b>
Engineer District 1		Company <b>Shell Oil Company</b>
Date	<b>4-25-64</b>	Address <b>Box 1858 Roswell, New Mexico</b>

**DUPLICATE**  
 Form C-1106  
 (Revised 3-55)  
 1958 (Rev. 1106)  
 DISTRICT OFFICE OCC  
 5 AM 7:26

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 Buckley B WELL NO. 2 UNIT D S 25 T 14 S R 37 E  
 DATE WORK PERFORMED May 22, 1958 POOL Denton

This is a Report of: (Check appropriate block)  Results of Test of Casing Shut-off  
 Beginning Drilling Operations  Remedial Work  
 Plugging  Other Lower pump

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

Operation to lower 1-3/4" pump to 10,500'.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:  
 DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
 Tbnng. Dia \_\_\_\_\_ Tbnng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
 Perf Interval (s) \_\_\_\_\_  
 Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		
		(Company)

OIL CONSERVATION COMMISSION  
 Name E. Fischer I hereby certify that the information given above is true and complete to the best of my knowledge. W. E. Overman  
 Title Engineer District 1 Name Lee E. L. Elkins  
 Date MAY 26 1958 Position Division Mechanical Engineer  
 Company Shell Oil Company

Form C-101  
(Revised 3-55)

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 Duckley B WELL NO. 2 UNIT D S 25 T 14 S R 37 E

DATE WORK PERFORMED 10-16-57 POOL Denton

This is a Report of: (Check appropriate block)

Results of Test of Casing Shut-off

Beginning Drilling Operations  Remedial Work

Plugging  Other Install pumping unit

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

Installed Lufkin API 640 14' Stroke Conventional Beam Unit with M&M 800 Multi Cylinder Engine.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_

Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_

Perf Interval (s) \_\_\_\_\_

Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	<u>9-15-57</u>	<u>10-24-57</u>
Oil Production, bbls. per day	<u>174.01</u>	<u>197</u>
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	<u>3.5</u>	<u>40</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>1032</u>	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____	(Company)	

OIL CONSERVATION COMMISSION

Name E. R. Fisher

Title Senior District I

Date NOV 12 1957

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

ORIGINAL SIGNED BY

Name R. L. Elkins R. L. ELKINS

Position Division Mechanical Engineer

Company Shell Oil Company

HOBBS OFFICE 000

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS  
(Submit to appropriate District Office as per Commission Rule 1106) 10:30

Company Shell Oil Company, Box 1977, Hobbs, New Mexico  
(Address)

Lease Dunlap 23 Well No. 2 Unit B S 25 T-14-2 R-37-2  
Date work performed June 9, 1955 POOL Denton

This is a Report of (Check appropriate block)  Result of Test of Casing Shut-off  
 Beginning Drilling Operations  Remedial Work  
 Plugging  Other FORM-GEL & ACIDIZING

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

Spotted 500 gallons Form-gel on bottom. Treated open hole interval 12,472' - 12,605' w/10,000 gallons Type J 15% acid.

In 24 hours flowed 432 BF, average out 15 AM, thru 24/64" choke.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl. Date \_\_\_\_\_  
Tbng. Dia. \_\_\_\_\_ Tbng. Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf. Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		

(Company)

Oil Conservation Commission	I hereby certify that the information given above is true and complete to the best of my knowledge.
Name <u>S. J. STANLEY</u>	Name <u>B. Nevill</u> Original signed by <u>B. Nevill</u>
Title <u>ENGINEER-DIST.</u>	Position <u>Division Exploitation Engineer</u>
Date <u>JUN 14 1955</u>	Company <u>Shell Oil Company</u>

**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 on an initial allowable well. Submit this form in QUADRUPPLICATE.

1955 JAN 11 PM 3:39

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

Company or Operator Shell Oil Company Lease Block 2

Address Box 1937, Hobbs, New Mexico Box 1909, Midland, Texas  
(Local or Field Office) (Principal Place of Business)

Unit D, Well(s) No. 2, Sec. 25, T. 14, R. 37, Pool Denton-Welfcamp

County Lea Kind of Lease: Patented

If Oil well Location of Tanks.....

Authorized Transporter Atlantic Refining Corp. Address of Transporter.....

Box 676, Lovington, New Mexico  
(Local or Field Office) (Principal Place of Business)

Per cent of ~~25%~~ 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 2-93-1, Paragraph 9, Rule 1109, Section (A)**

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

Executed this the 6th day of January, 1955

Approved..... FEB 18 1955....., 19.....

Shell Oil Company

Original signed by  
D. H. TRAHAN

OIL CONSERVATION COMMISSION  
By M. L. Armstrong  
Title Oil & Gas Inspector

By.....  
Title Division Production Superintendent

X						

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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

Shell Oil Company (Company or Operator)

Buckley B (Lease)

Well No. 2, in NW 1/4 of NW 1/4, of Sec. 25, T. 14-S, R. 37-E, NMPM. Denton Pool, Lea County.

Well is 990 feet from north line and 330 feet from west line of Section 25. If State Land the Oil and Gas Lease No. is -

Drilling Commenced September 24, 1954. Drilling was Completed December 4, 1954.

Name of Drilling Contractor: Noble Drilling Company

Address: Drawer 550, Midland, Texas

Elevation above sea level at Top of Tubing Head: 3815. The information given is to be kept confidential until not confidential, 19.

OIL SANDS OR ZONES

No. 1, from 12,450 to 12,605. No. 2, from to. No. 3, from to. No. 4, from to. No. 5, 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.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48#	NEW	372				Surface String
8 5/8"	32#	NEW	4,758				Salt String
5 1/2"	17#20#	NEW	12,457				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"	373	400	Pump & Plug	Cemented to Surface	
11"	8 5/8"	4,774	2600	Pump & Plug	Cemented to Surface	
7 7/8"	5 1/2"	12,472	900	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated open hole interval 12,472' - 12,605' w/1000 gallons 15% G&D mud acid.

Result of Production Stimulation: On OPI flowed 425 BOPD (based on 248 BO in 14 hours) average cut 0.45 BB, no water, thru 22/64" choke. IP 375 - 490 psi. OP 0 psi. Gravity 46.6 deg. API. GOR 874. Depth Cleaned Out: 12,472'

CORD OF DRILL-STEM AND SPECI

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 12,605 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing December 11, 19 54

OIL WELL: The production during the first 24 hours was 425 barrels of liquid of which 99.6% was oil; \_\_\_\_\_% was emulsion; \_\_\_\_\_% water; and 0.4% was sediment. A.P.I. Gravity 46.6 deg. 602 874

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 12,450' (-8625')	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 6208' (-2383')		T. Wolfcamp 9324' (-5499')	T. Morrison
T. Drinkard 8114 7340' (-3515')			T. Penn.
T. Tubbs			T.
T. Abo 8079' (-4254')			T.
T. Penn.			T.
T. Miss. 11,602' (-7772')			T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	9100	9100	No samples taken	DST # 1: 9325' - 9450'	(125' Wolfcamp Dolomite & Limestone).	Tool open 2 hours thru 1" 28 & 5/8" 28 on 4 1/2" 28. Instant fair blow continuing throughout test. RECOVERED: 110' MASON. ITEMP 65 psi. FTEMP 95 psi. 30 minutes SUMP 330 psi. IHW 4355 psi. Positive Test.	
9100	9395	295	Dolomite				
9395	9985	590	Line				
9985	10270	285	Line & Shale				
10270	11440	1170	Line				
11440	11600	160	Line & Shale				
11600	12340	740	Line & Chert				
12340	12450	110	Shale				
12450	12605	155	Dolomite	DST # 2: 12,483' - 12,575'	(92' Devonian Dolomite). Tool open 60 minutes thru 1" 28 & 1" 28 on 4 1/2" 28. Instant string blow. 9 minutes. RECOVERED: 170' MASON & 1300' (18.5 lbs.) clean oil (Unloaded). FTEMP 650 - 850 psi. 15 minutes SUMP 3050 psi. IHW 6200 psi. Positive Test.		

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.

December 14, 1954 (Date)

Company or Operator Shell Oil Company

Address Box 1957, Hobbs, New Mexico

Name Original signed by B. Nevill  
B. Nevill

Position or Title Division Exploitation Engineer

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE 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-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

December 14, 1954

(Place)

(Date)

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

Shell Oil Company

Duckley B

Well No. 2, in NW 1/4 SW 1/4,

(Company or Operator)

(Lease)

D

Sec. 25

T. 14-S

R. 37-E

NMPM.

Denton

Pool

(Unit)

Lon

County. Date Spudded. 9-24-54

Date Completed. 12-11-54

Please indicate location:

2			
	Section 25		

Unit D

Casing and Cementing Record

Size Feet Sax

13 3/8"	373	400
8 5/8"	4,774	2600
5 1/2"	12,472	900

Elevation. 3825 Total Depth. 12,605 P.B.

Top oil/gas pay. 12,472 Name of Prod. Form. Devonian

Casing Perforations: - or

Depth to Casing shoe of Prod. String. 12,472

Natural Prod. Test. - BOPD

based on. - bbls. Oil in. - Hrs. - Mins.

Test after acid wash. 425 BOPD

Based on. 248 bbls. Oil in. 14 Hrs. - Mins.

Gas Well Potential. -

Size choke in inches. 22/64"

Date first oil run to tanks or gas to Transmission system: December 11, 1954

Transporter taking Oil or Gas: Service Pipe Line

Remarks:

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

Approved. DEC 15 1954, 19.

Shell Oil Company

(Company or Operator) Original signed by

B. Nevill

B. Nevill

By: (Signature)

OIL CONSERVATION COMMISSION

Division Exploitation Engineer

By: S. J. STANLEY

Title: Send Communications regarding well to:

Title: ENGINEER-DIST.

Name: Shell Oil Company

Address: Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBBS OFFICE 000

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 QUADRUPPLICATE.

DEC 15 11 7:10

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Shell Oil Company Lease Buckley B

Address Box 1957, Hobbs, New Mexico Box 1509, Midland, Texas  
(Local or Field Office) (Principal Place of Business)

Unit D, Well (S) No. 2, Sec. 25, T. -14-S, R. -37-E, Pool Benton

County Lea Kind of Lease: Patented

If Oil well Location of Tanks 990' FWL & 990' FWL of Buckley B 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 December 11, 1954

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

Executed this the 14th day of December, 1954.

Shell Oil Company

Approved DEC 15 1954, 1954

OIL CONSERVATION COMMISSION

By S. J. Stanley S. J. STANLEY  
ENGINEER-DIST.

By B. Nevill Original signed by  
B. Nevill  
Title Division Exploitation Engineer

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBES OFFICE 000

MISCELLANEOUS REPORTS ON WELLS

RECEIVED DECEMBER 17 7:17

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) <b>ACIDIZING</b>	<b>X</b>

December 14, 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

Duckley "B"

(Company or Operator)

(Lease)

Cardinal Chemical

Well No. 2 in the NW 1/4 SW 1/4 of Sec. 25

(Contractor)

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

The Dates of this work were as follows: December 10, 1954

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 interval 12,472' - 12,605' w/1000 gallons 15% OAB mud acid.

On OPT flowed 425 MOPD (based on 248 BO in 14 hours) average out 0.4% BS, no water, thru 22/64" choke. IP 375 - 490 psi. GP 0 psi. Gravity 46.6 deg. API. GOR 874.

Witnessed by H. G. Starling (Name)

Shell Oil Company (Company)

Production Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

*L. G. Stanley*  
(Name)

(Title)

DEC 17 1954

(Date)

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  
Representing: Shell Oil Company  
Address: Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NO. 20 0000000000

MISCELLANEOUS REPORTS ON WELLS

DEC 13 1954

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)	

December 10, 1954  
(Date)

Hebbs, 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)

Buckley "B"

(Lease)

Noble Drilling Company

(Contractor)

Well No. 2 in the NW 1/4 NW 1/4 of Sec. 25

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

The Dates of this work were as follows: December 7, 1954

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

Ran 12,457' of 5-1/2" casing and cemented at 12,472' with 700 sacks 4% gel and 200 sacks neat cement. Did not circulate cement. After WOC 8 hours ran temperature survey and top of cement indicated to be 7090'. After WOC 48 hours tested casing and cement with 1500 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

S. J. Stanley  
(Name)

S. J. STANLEY

(Title)

ENGINEER-DIST.

DEC 13 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, Hebbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS

1957 OCT 8 AM 10:02

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)	

October 7, 1957

(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)

Buckley "B"

(Lease)

Noble Drilling Company

(Contractor)

Well No. 2 in the NW 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: October 4-5-6

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 4758' of 8 5/8" casing and cemented at 4774' with 2600 sacks neat cement. Circulated out an estimated 176 sacks cement. After WOC 36 hours drilled plug and cement. Tested casing with 1500 psi for 30 minutes. Test OK. Drilled shoe and tested with 1000 psi for 30 minutes. Test OK.

Witnessed by F. V. Stewart (Name)

Shell Oil Company (Company)

Drilling Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

S. J. Stanley (Name)

ENGINEER-DIST. (Title)

OCT - 8 1957 (Date)

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

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

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE CSC

MISCELLANEOUS REPORTS ON WELLS

1954 SEP 20 AM 10:12

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)	

September 28, 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

Shell Oil Company  
(Company or Operator)

Buckley "B"  
(Lease)

Noble Drilling Company  
(Contractor)

Well No. 2 in the NW 1/4 NW 1/4 of Sec. 25

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

The Dates of this work were as follows: September 25, 1954

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 13 3/8" casing and cemented at 373' with 400 sacks neat cement. Circulated cement. After WOC 12 hours tested casing with 500 psi for 30 minutes. Test OK.

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

Approved: S. J. Stanley, OIL CONSERVATION COMMISSION  
Engineer District 1  
(Title) SEP 29 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

NEW MEXICO

# ILLEGIBLE

COMMISSION

## NOTICE OF INTENTION TO DRILL OR RECOMPLETE

HOBBS OFFICE UCC

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.

**Hobbs, New Mexico**

**August 27, 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

**Shell Oil Company**

(Company or Operator)

**Dunkley B et al**

(Lease)

Well No. **2**, in **D** (Unit) The well is

located **790** feet from the **north** line and **139** feet from the

**west**

line of Section **25**, T **-14-S**, R **-37-W**, NMPM.

(GIVE LOCATION FROM SECTION LINE)

**Denton**

Pool, **Lee**

County

**2-37-2**

D	C	B	A
<b>2</b>			
E	F	G	H
	<b>Section 25</b>		
L	K	J	I
M	N	O	P

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

If patented land the owner is **Foster Pet. Co. & B. B. Dunkley et al**

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 **Denton**

formation at an approximate depth of **12,700** 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
<b>27 1/4"</b>	<b>23 3/8"</b>	<b>48#</b>	<b>NEW</b>	<b>350</b>	<b>300</b>
<b>21"</b>	<b>8 5/8"</b>	<b>32#</b>	<b>NEW</b>	<b>4700</b>	<b>3000</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>17# &amp; 20#</b>	<b>NEW</b>	<b>12,540</b>	<b>800</b>

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..... **SEP 17 1954**, 19.....  
Except as follows:

Sincerely yours,

**Shell Oil Company**

(Company or Operator)

By..... **B. Nevill** Original signed by

**B. Nevill**

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**

**Engineer District 1**

Title.....

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FILE		
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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

30-025-05265

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

7. Unit Agreement Name

2. Name of Operator  
Polaris Production Corp.

8. Farm or Lease Name  
Argo

3. Address of Operator  
P. O. Box 1749, Midland, Texas 79701

9. Well No.  
4

4. Location of Well  
UNIT LETTER A 960 FEET FROM THE North LINE AND 330 FEET FROM  
THE East LINE, SECTION 3 TOWNSHIP 15-S RANGE 37-E NMPM.

10. Field and Pool, or Wildcat  
Denton Wolfcamp

15. Elevation (Show whether DF, RT, GR, etc.)  
3820' DF

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

OTHER

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.

Well still temporarily abandoned as reported on Form C-103, approved April 29, 1966. No plans for changing well status at this time.

Expires 10/1/76

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

SIGNED William H. Spiro TITLE Engineer DATE 6-28-76

WITNESSED BY Jerry Sexton TITLE Dist 1, Supv. DATE 6/28/76

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

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 Argo
3. Address of Operator P. O. Box 1749, Midland, Texas 79701	9. Well No. 4
4. Location of Well UNIT LETTER <u>A</u> <u>960</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>East</u> LINE, SECTION <u>3</u> TOWNSHIP <u>15-S</u> RANGE <u>37-E</u> NMPM.	10. Field and Pool, or Wildcat Denton Wolfcamp
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 type="checkbox"/>	REMEDIAL WORK <input 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 <u>Temporarily Abandoned</u> <input checked="" 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.

Well still temporarily abandoned as reported on Form C-103, approved April 29, 1966.  
No plans for changing well status at this time.

*Expires 10/1/75*

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

SIGNED *Joe D. Ramey* TITLE President DATE 3-24-75

Orig. Signed by  
Joe D. Ramey  
Dist. I. Supv.

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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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  
Effective 1-1-65

**I. Operator**  
Polaris Production Corp.  
Address  
P. O. Box 1749, 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)

If change of ownership give name and address of previous owner  
Shell Oil Company, P. O. Box 1810, Midland, Texas 79701

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name Argo	Well No. 4	Pool Name, Including Formation Denton Wolfcamp	Kind of Lease State, Federal or Fee Fee	Lease No.
Location Unit Letter <u>A</u> ; <u>960</u> Feet From The <u>North</u> Line and <u>330</u> Feet From The <u>East</u> Line of Section <u>3</u> Township <u>15-S</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 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 Corporation	Address (Give address to which approved copy of this form is to be sent) 500 W. Illinois, Midland, Texas 79701			
If well produces oil or liquids, give location of tanks.	Unit A	Sec. 3	Twp. 15-S	Rge. 37-E
	Is gas actually connected? <input checked="" type="checkbox"/>		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		
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
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)

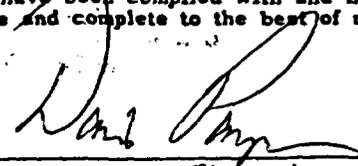
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

**GAS WELL.**

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (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) Davis Payne  
\_\_\_\_\_  
President  
\_\_\_\_\_  
November 6, 1974  
\_\_\_\_\_  
(Date)

**OIL CONSERVATION COMMISSION**

APPROVED NOV 8 1974, 19  
BY Joe D. Ramey  
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 deeper well, this form must be accompanied by a tabulation of the deviat tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for all able on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of condit  
Form C-104 must be filed for each pool in multi

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OPERATOR	

HOBBS OFFICE O. C. C.  
 NEW MEXICO OIL CONSERVATION COMMISSION  
 JUN 26 9 09 AM '67

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 <b>Shell Oil Company (Western Division)</b>	8. Farm or Lease Name <b>Argo</b>
3. Address of Operator <b>P.O. Box 1509, Midland, Texas 79701</b>	9. Well No. <b>4</b>
4. Location of Well UNIT LETTER <b>A</b> <b>960</b> FEET FROM THE <b>north</b> LINE AND <b>330</b> FEET FROM THE <b>east</b> LINE, SECTION <b>3</b> TOWNSHIP <b>15S</b> RANGE <b>37E</b> NMPM.	10. Field and Pool, or Wildcat <b>Denton-Wolfcamp</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3820' DF</b>	12. County <b>Lea</b>

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input 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 <b>Temporarily Abandoned</b> <input checked="" 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 1705.

**Well still temporarily abandoned as reported on Form C-103, approved April 29, 1966.**

**No plans for changing well status in near future.**

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 **M. W. Harrison** TITLE **Staff Exploitation Engineer** DATE **June 21, 1967**

APPROVED BY *[Signature]* TITLE **SUPERVISOR DISTRICT 1** DATE **JUN 27 1967**

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OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

DEC 21 11 49 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- 2. Name of Operator <b>Shell Oil Company (Western Division)</b> 3. Address of Operator <b>P. O. Box 1509, Midland, Texas 79701</b> 4. Location of Well UNIT LETTER <b>A</b> <b>960</b> FEET FROM THE <b>north</b> LINE AND <b>330</b> FEET FROM THE <b>east</b> LINE, SECTION <b>3</b> TOWNSHIP <b>15S</b> RANGE <b>37E</b> NMPM.	7. Unit Agreement Name - 8. Farm or Lease Name <b>Argo</b> 9. Well No. <b>4</b> 10. Field and Pool, or Wildcat <b>Denton-Wolfcamp</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3820' DF</b>	12. County <b>Lea</b>

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 \_\_\_\_\_

SUBSEQUENT REPORT OF:

REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT   
 CASING TEST AND CEMENT JOB   
 OTHER **Temporarily Abandoned**

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.

Well still temporarily abandoned as reported on Form C-103, approved April 29, 1966.

No plans for changing well status in near future.

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 **N. W. Harrison** TITLE **Senior Exploitation Engineer** DATE **December 15, 1966**

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE **DEC 22 1966**

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LAND OFFICE	
OPERATOR	

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

NEW MEXICO OIL CONSERVATION COMMISSION O.C.C.

**RECEIVED**

JUN 15 12 59 PM '66

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 <b>Shell Oil Company (Western Division)</b>	8. Farm or Lease Name <b>Argo</b>
3. Address of Operator <b>P. O. Box 1509, Midland, Texas 79701</b>	9. Well No. <b>4</b>
4. Location of Well UNIT LETTER <b>A</b> , <b>960</b> FEET FROM THE <b>north</b> LINE AND <b>330</b> FEET FROM THE <b>east</b> LINE, SECTION <b>3</b> TOWNSHIP <b>15S</b> RANGE <b>37E</b> NMPM.	10. Field and Pool, or Wildcat <b>Denton-Wolfcamp</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3820' DF</b>	12. County <b>Lee</b>

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input 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 <b>Temporarily Abandoned</b> <input checked="" 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.

**Well still temporarily abandoned as reported on Form C-103, approved April 29, 1966.**  
**No plans for changing well status in near future.**

THE COMMISSION MUST BE NOTIFIED EVERY 90 DAYS ON FORM C-103 AS TO THE WELL STATUS AND YOUR FUTURE PLANS FOR THIS WELL.

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 **June 6, 1966**

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

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OPERATOR	

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NEW MEXICO OIL CONSERVATION COMMISSION

APR 28 3 19 PM '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 <b>Shell Oil Company (Western Division)</b>	8. Farm or Lease Name <b>Argo</b>
3. Address of Operator <b>P. O. Box 1509, Midland, Texas 79701</b>	9. Well No. <b>4</b>
4. Location of Well UNIT LETTER <b>A</b> <b>960</b> FEET FROM THE <b>north</b> LINE AND <b>330</b> FEET FROM THE <b>east</b> LINE, SECTION <b>3</b> TOWNSHIP <b>15S</b> RANGE <b>37E</b> NMPM. <b>Denton-Wolfcamp</b>	10. Field and Pool, or Wildcat <b>Denton-Wolfcamp</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3820' DF</b>	12. County <b>Lea</b>

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

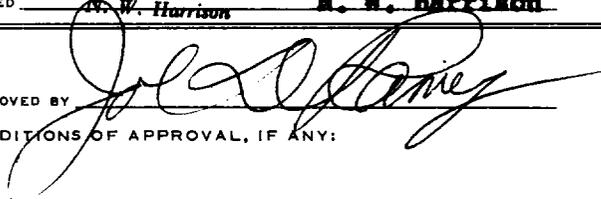
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input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

1. Pulled rods, pump and tubing.
2. Disconnected flow line and installed 2" tubing valve.
3. Temporarily Abandoned April 5, 1966

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 26, 1966**

APPROVED BY  TITLE **SUPERVISOR DISTRICT 1** DATE **APR 28 1966**

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NEW MEXICO OIL CONSERVATION COMMISSION

FEB 7 9 46 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 <b>Shell Oil Company (Western Division)</b>	8. Farm or Lease Name <b>Argo</b>
3. Address of Operator <b>Box 1509, Midland, Texas 79701</b>	9. Well No. <b>4</b>
4. Location of Well UNIT LETTER <b>A</b> <b>960</b> FEET FROM THE <b>north</b> LINE AND <b>330</b> FEET FROM THE <b>east</b> LINE, SECTION <b>3</b> TOWNSHIP <b>15</b> RANGE <b>37</b> NMPM.	10. Field and Pool, or Wildcat <b>Denton Wolfcamp</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3820' DF</b>	12. County <b>Lee</b>

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" 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.

**We propose to temporarily abandon.**

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

Original Signed By  
SIGNED N. W. Harrison TITLE District Exploitation Engr. DATE Feb. 4, 1966

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE FEB 7 1966

CONDITIONS OF APPROVAL, IF ANY:

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 and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPPLICATE **HUBBS OFFICE 000**

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator **Shell Oil Company** Lease **APG**

Address **Box 1977, Hobbs, New Mexico** **Box 1909, Midland, Texas**  
(Local or Field Office) (Principal Place of Business)

Unit **A**, Well (or) No. **4**, Sec. **2**, T-**15-S**, R-**37-E**, Pool **Denton-Wolfcamp**

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 H-98-A, Paragraph 9, Rule 1109, Section (A).**

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

Executed this the **24th** day of **March**, 19**54**

Approved **WDR** **Shell Oil Company**, 19.....

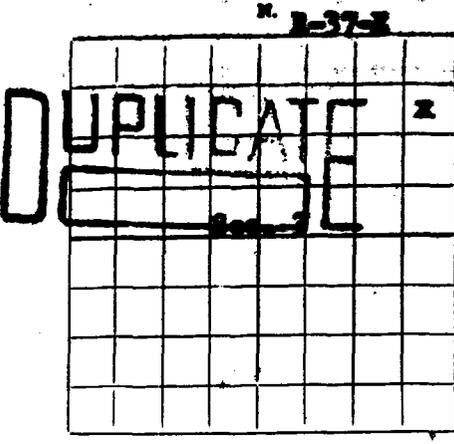
OIL CONSERVATION COMMISSION

By **S. J. Stanley**

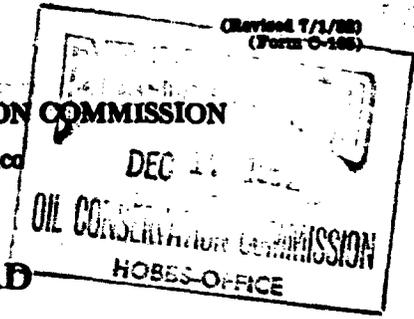
Title **Engineer District**

Original signed by  
By **B. Nevill** **B. Nevill**

Title **Division Exploitation Engineer**



NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico



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

Shell Oil Company  
(Company or Operator)

Arpa  
(Lease)

Well No. 4, in NE  $\frac{1}{4}$  of NE  $\frac{1}{4}$  of Sec. 3, T. 15-S, R. 37-E, NMPM.

Denton-Wolfcamp Pool, Lea County.

Well is 960 feet from North line and 330 feet from East line of Section 3. If State Land the Oil and Gas Lease No. is         .

Drilling Commenced 10-16, 19 52 Drilling was Completed 12-3, 19 52

Name of Drilling Contractor Oil States Drlg. Co.

Address 1503 First National Bank Building, Dallas, Texas

Elevation above sea level at Top of Tubing Head 3810'. The information given is to be kept confidential until Not Confidential, 19         .

OIL SANDS OR ZONES

No. 1, from 9240 to 9405 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.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8	48#	New	348'				Surface String
8-5/8	32#	New	472'	Baker			Water String
5-1/2 In.	17# 15.5#	New	4897'	Larkin		9275 - 9330'	Oil String
2-3/8	4.7#	New & SH	Hang @ 9400'				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	360	Pump & Plug	Cemented to surface	
11"	8-5/8"	4735	3000	Pump & Plug	Cemented to surface	
7-7/8"	5 1/2 In.	9421	900	Pump & Plug	Cemented into 8-5/8" Casing	

RECORD OF PRODUCTION AND STIMULATION

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

Acidised thru casing perforations 9275' - 9330' w/2000 gallons 15% Type J acid.

Result of Production Stimulation After recovering hole lead flowed 422 barrels of oil in 2 1/2 hours, cut 0.3% BS&W.

Depth Cleaned Out



**DUPLICATE**

(Form C-110)  
(Revised 7/1/52)

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**Santa Fe, New Mexico**

**RECEIVED**  
**DEC 17 1952**  
**OIL CONSERVATION COMMISSION**

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 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 1309, Midland, Texas  
(Local or Field Office) (Principal Place of Business)

Unit A, Well No. 4, Sec. 3, T. 15-S, R. 37-E, Pool. Denton Wolfcamp

County Lea Kind of Lease: Patented

If Oil well Location of Tanks 1/2 of Lease

Authorized Transporter Service Pipe Line Amoco Pipeline 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:

**New completion. Allowable effective from 12-7-52.**

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

Executed this the 19th day of December, 19 52

Approved 12 - 17, 19 52

OIL CONSERVATION COMMISSION  
By Roy O. Yunker  
Title \_\_\_\_\_

By J. D. Savage J. D. Savage  
Title Division Exploitation Engineer

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

(Form C-104)  
(Revised 7/1/52)  
**RECEIVED**  
DEC New Well  
Recompleting

**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 12-15-52  
(Place) (Date)

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

Shell Oil Company Argo, Well No. 4, in NE  $\frac{1}{4}$  NE  $\frac{1}{4}$ ,  
(Company or Operator) (Lease)  
A, Sec. 3, T. 15-S, R. 37-E, NMPM, Denton-Walfcamp Pool  
(Unit)  
Leon County. Date Spudded 10-16-52, Date Completed 12-7-52

Please indicate location:


Elevation 3620 DF Total Depth 9423, P.B. 9403

Top oil/gas pay 9275' Prod. Form Walfcamp

Casing Perforations: 9275 - 9330' or

Depth to Casing shoe of Prod. String 9421'

Natural Prod. Test..... BOPD

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

Test after acid or shot 422 BOPD

Based on 422 bbls. Oil in 24 Hrs 0 Mins.

Gas Well Potential.....

Size choke in inches 21/64"

Date first oil run to tanks or gas to Transmission system: 12-7-52

Transporter taking Oil or Gas: Service Pipe Line

Remarks:.....

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

Approved 12-17, 1952 Shell Oil Company  
(Company or Operator)

OIL CONSERVATION COMMISSION  
By: Roy Yarkrough  
Title.....

By: J. D. Savage J. D. Savage  
(Signature)

Title Division Exploitation Engineer  
Send Communications regarding well to:

Name Shell Oil Company

Address Box 1977, Hobbs, New Mexico

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

**RECEIVED**  
DEC 17 1952

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		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) <b>Acidizing</b>	<b>X</b>

**12-9-52** (Date) **Osage 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) **ARPS** (Lease)  
**Oil States Drilling Co.** (Contractor), Well No. **6** in the **NE** 1/4 **NE** 1/4 of Sec. **9**,  
T. **15-S**, R. **37-E**, NMPM, **Danton Wolfcamp** Pool, **Lea** County.

The Dates of this work were as follows: **12-7-52**

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

**Acidised through casing perforations 9275 - 9330' w/2000 gallons 15% Type J acid. After recovering hole lead flowed 422 barrels of oil, out 0.35 BSM thru 21/64" choke in 24 hours.**

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

Approved: **OIL CONSERVATION COMMISSION**  
**Roy Yunker** (Name)  
**San Inspector** (Title)  
**DEC 17 1952** (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name **J. D. Savage**  
Position **Division Exploitation Engineer**  
Representing **Shell Oil Company**  
Address **Box 1957, Osage, New Mexico**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

RECEIVED  
DEC 10 1952  
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		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON PERFORATING (Other) <b>5 1/2" CASING LINER</b>	<b>X</b>

December 6, 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)

Arge

(Lease)

Oil States Drilling Company

(Contractor)

Well No. 4 in the NE 1/4 NE 1/4 of Sec. 2

T. 15-S, R. 37-E, NMPM, Denton Wolfcamp Pool, Lea County.

The Dates of this work were as follows: December 6, 1952

Notice of intention to do the work (was) (~~written~~) submitted on Form C-102 on December 5, 1952,  
(Cross out incorrect words)

and approval of the proposed plan (was) (~~written~~) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Perforated 5 1/2" casing liner opposite the Wolfcamp Pay Zone from 9275' - 9330' 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

*Roy Yarrborough*  
(Name)

Oil & Gas Inspector  
(Title)

DEC 10 1952

(Date)

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

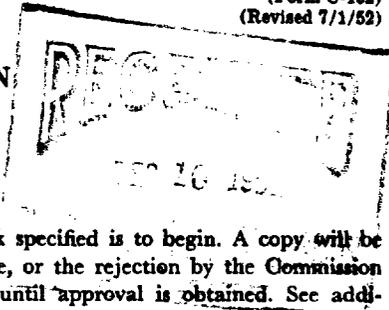
Name: *F. D. Leigh*

Position: Division Mechanical Engineer

Representing: Shell Oil Company

Address: Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico



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		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)

December 5, 1952  
(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. 4 in 2A (Unit)  
NE 1/4 NE 1/4 of Sec. 3, T. 15-S, R. 37-E, NMPM., Denton Wolfcamp Pool  
Lee County.

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

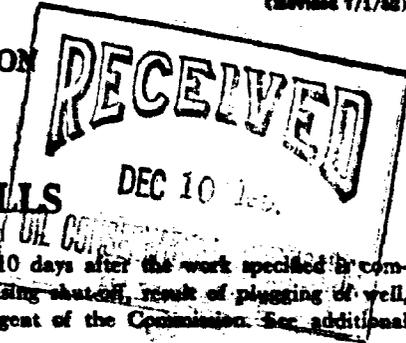
We propose to perforate 5 1/2" casing liner opposite the Wolfcamp Pay Zone from 9275' - 9330' with 4 - 21 gram jet shots per foot.

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

Approved  
OIL CONSERVATION COMMISSION  
By: Roy Zunker  
Title: District Engineer & Gas Inspector

By: F. D. Leigh  
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



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)	

December 8, 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)

APCO  
(Lease)

Oil States Drilling Company  
(Contractor)

Well No. 4 in the NE 1/4 NE 1/4 of Sec. 3

T. 15-S, R. 37-E, NMPM, Denton Wellcamp Pool, Lea County.

The Dates of this work were as follows: December 2, 1952

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 4897 feet of 5 1/2" casing liner and cemented at 9421 feet with 600 sacks of 4/8 gal and 300 sacks of neat. Top of liner 4524 feet. Reversed out an estimated 175 sacks cement from top of liner. After WOC 72 hours drilled plug to 9405' and tested casing with 1500 psi for 30 minutes. Test OK.

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

Approved: OIL CONSERVATION COMMISSION

Ray Yankovich  
Oil & Gas Engineer District  
DEC 10 1952  
(Title) (Date)

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

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

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

**DUPLICATE**

MISCELLANEOUS REPORTS ON WELLS

**RECEIVED**  
NOV 5 1952  
NOV 6 1952  
OIL CONSERVATION COMMISSION  
DISTRICT OFFICE

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 30 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)	

November 3, 1952 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) ARGO (Lease)  
Oil States (Contractor), Well No. 4 in the NE 1/4 SE 1/4 of Sec. 2  
T. 15-S, R. 37-E, NMPM, Denton Wolfcamp Pool, Lea County.

The Dates of this work were as follows: October 29, 1952

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 4722 feet of 8-5/8" casing and cemented with 2700 sacks of 4/8 gel and 300 sacks of neat. Circulated approximately 900 sacks of cement. After WOC 48 hours tested casing and cement with 1000 psi for 30 minutes before and after drilling plug. Test OK.

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

Approved: Roy Yarbrough (Name)  
Oil & Gas Inspector (Title)  
NOV 6 1952 (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name: F. D. Leitch  
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**  
OCT 28 1952

**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)	

October 20, 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)

Argo

(Lease)

Oil States

(Contractor)

Well No. 4 in the NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  of Sec. 3

T. 15-S, R. 37-E, NMPM, Denton-Welfcamp Pool, Lea County.

The Dates of this work were as follows: October 17, 1952

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

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Ran 360 feet of 13-3/8" casing and cemented with 350 sacks of neat cement. Circulated cement. After WOC 24 hours tested casing and cement with 500 psi for 30 minutes before drilling plug and with 350 psi for 30 minutes after drilling plug. Test OK.

Witnessed by H. G. Starling  
(Name)

Shell Oil Company  
(Company)

Production Foreman  
(Title)

Approved: Oil CONSERVATION COMMISSION

Ray Yunker  
(Name)  
Oil & Gas Inspector

(Title)

OCT 28 1952  
(Date)

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

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

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

**RECEIVED**  
OCT 20 1952  
OIL CONSERVATION COMMISSION

**MISCELLANEOUS REPORTS ON WELLS**

Submit this report in TRIPPLICATE to the District Office, Oil Conservation Commission, within 10 days after the completion of the work reported. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, test 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"/>

October 17, 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)

Argo  
(Lease)

Oil States Drilling Company, Well No. 4 in the NE 1/4, NE 1/4 of Sec. 3

T. 15-N, R. 37-N, NMPM, Denton Wolfcamp Pool, Lea County.

The Dates of this work were as follows: October 16, 1952

Notice of intention to do the work (was) ~~approved~~ submitted on Form C-101 on October 15, 1952, and approval of the proposed plan (was) ~~obtained~~ obtained.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Spudded 9:30 P. M. 10-16-52

Witnessed by H. C. Sterling (Name) Shell Oil Company (Company) Production Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

Roy Yachrowski (Name)  
Oil & Gas Inspector (Title)

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

F. P. Welch (Name)  
Division Mechanical Engineer (Position)  
Shell Oil Company (Representing)  
Box 1957, Hobbs, New Mexico (Address)

OCT 21 1952 (Date)

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

**RECEIVED**  
(Revised 7/1/52)  
OCT 16 1952

**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.

**Hobbs, New Mexico**  
(Place)

**October 15, 1952**  
(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)

**Arge**

(Lease)

Well No. **4**

in **A**

(Unit)

The well is

located **960** feet from the **North** line and **330** feet from the

**East**

line of Section **3**

T. **15-S**

R. **37-E**, NMPM.

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

**R-37-E**

D	C	B	A <sub>x</sub>
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 **See Below**

Address **Varied and 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 **Wolfcamp** formation at an approximate depth of **9420** 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
<b>17-1/4"</b>	<b>13-3/8"</b>	<b>48#</b>	<b>New</b>	<b>350'</b>	<b>300</b>
<b>11"</b>	<b>8-5/8"</b>	<b>32#</b>	<b>New</b>	<b>4730'</b>	<b>3000</b>
<b>7-7/8"</b>	<b>5-1/2"</b>	<b>15.5 &amp; 17#</b>	<b>New</b>	<b>9420'</b>	<b>950</b>

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.)

**\*Mrs. Fort & Daughter 1/4, Fleet Family 1/8, Arge Oil Corp. 1/4, Shell Oil Co. 1/4, Euromax 1/8.**

OCT 16 1952

Approved....., 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 **Ray**

Title **& Gas Inspector**

NO. OF COPIES RECEIVED		
DISTRIBUTION		
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

09870  
30-025-~~2351~~

5a. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
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 <b>Polaris Production Corp.</b>	8. Farm or Lease Name <b>Argo</b>
3. Address of Operator <b>P. O. Box 1749, Midland, Texas 79701</b>	9. Well No. <b>5</b>
4. Location of Well UNIT LETTER <b>H</b> <b>2087</b> FEET FROM THE <b>North</b> LINE AND <b>330</b> FEET FROM THE <b>East</b> LINE, SECTION <b>3</b> TOWNSHIP <b>15-S</b> RANGE <b>37-E</b> NMPM. <b>Denton Wolfcamp</b>	10. Field and Pool, or Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) <b>3810' DF</b>	12. County <b>Lea</b>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT 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 was produced in 1975 (Reference to Form C-103 approved March 26, 1975) but is uneconomical to produce at the present time.

*Expires 10/1/76*

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

SIGNED *William H. Spires* TITLE Engineer DATE 6-28-76

APPROVED BY *Jerry Sexton* TITLE Dist. I, Supv. DATE JUN 30 1976

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  
Effective 1-1-65

I. Operator  
**Polaris Production Corp.**

Address  
**P. O. Box 1749, Midland, Texas 79701**

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

New Well  Change in Transporter of:  
 Oil  Dry Gas   
 Recompletion  Oil  Condensate   
 Change in Ownership  Casinghead Gas

If change of ownership give name and address of previous owner  
**Shell Oil Company, P. O. Box 1810, Midland, Texas 79701**

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Argo</b>	Well No. <b>5</b>	Pool Name, including Formation <b>Denton Wolfcamp</b>	Kind of Lease State, Federal or Fee <b>Fee</b>	Lease No.
Location				
Unit Letter <b>H</b>	<b>2087</b>	Feet From The <b>North</b>	Line and <b>330</b>	Feet From The <b>East</b>
Line of Section <b>3</b>	Township <b>15-S</b>	Range <b>37-E</b>	, NMPM, <b>Lea</b> 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"/> <b>Amoco Production Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 1725, Midland, Texas 79701</b>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Tipperary Corporation</b>	Address (Give address to which approved copy of this form is to be sent) <b>500 W. Illinois, Midland, Texas 79701</b>
If well produces oil or liquids, give location of tanks.	Unit: <b>A</b> Sec.: <b>3</b> Twp.: <b>15-S</b> Rge.: <b>37-E</b> Is gas actually connected? <b>Yes</b> When: <b>Unknown</b>

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 (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)

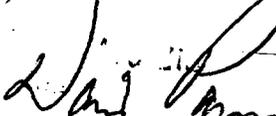
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Gas - Bbls./MCF	Quantity 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.

  
(Signature) **Davis Payne**  
President  
(Title)  
November 6, 1974  
(Date)

OIL CONSERVATION COMMISSION

APPROVED **NOV 8 1974**, 19  
BY **Joe D. Ramey**  
Orig. Signed by  
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 deep well, this form must be accompanied by a tabulation of the deviat tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for all 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 condition. Form C-104 must be filed for each pool in mult

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OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

FEB 7 9 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-	7. Unit Agreement Name -
2. Name of Operator <b>Shell Oil Company (Western Division)</b>	8. Farm or Lease Name <b>Argo</b>
3. Address of Operator <b>Box 1509, Midland, Texas 79701</b>	9. Well No. <b>5</b>
4. Location of Well UNIT LETTER <b>H</b> , <b>2087</b> FEET FROM THE <b>north</b> LINE AND <b>330</b> FEET FROM THE <b>east</b> LINE, SECTION <b>3</b> TOWNSHIP <b>15</b> RANGE <b>37</b> NMPM.	10. Field and Pool, or Wildcat <b>Denton-Wolfcamp</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3820' DF</b>	12. County <b>Lea</b>

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

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

**We propose to temporarily abandon.**

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 N. W. Harrison TITLE District Exploitation Engr. DATE Feb. 4, 1966

APPROVED BY [Signature] TITLE Engineer District 4 DATE Feb 7 1966

CONDITIONS OF APPROVAL, IF ANY:

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	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)

FEB 8 AM 9:52

Name of Company <b>Shell Oil Company</b>		Address <b>P. O. Box 1858, Roswell, New Mexico</b>	
Lease <b>Argo</b>	Well No. <b>5</b>	Unit Letter <b>H</b>	Section <b>3</b>
Township <b>15S</b>		Range <b>37E</b>	
Date Work Performed <b>2-1-63 thru 2-6-63</b>	Pool <b>Banten-Wolfcamp</b>	County <b>Lea</b>	

**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. Ran 2-100 grains/foot string shots over perforations 9200' - 9410'.
3. Ran 2 1/2" tubing open ended to 4413'.
4. Treated w/1000 gallons 15% HMA.
5. Ran pump and rods.
6. Recovered lead.
7. In 24 hours pumped 18 BO + 79 BW on 7 1/2 -10' SEM.

Witnessed by <b>H. G. Stirling</b>	Position <b>Production Foreman</b>	Company <b>Shell Oil Company</b>
---------------------------------------	---------------------------------------	-------------------------------------

**FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY**

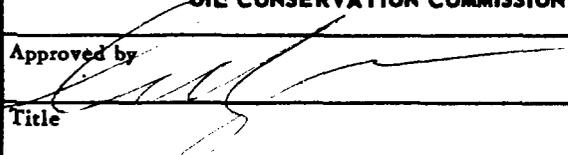
**ORIGINAL WELL DATA**

D F Elev. <b>3820'</b>	T D <b>9422'</b>	P B T D <b>9415'</b>	Producing Interval <b>9200' - 9410'</b>	Completion Date <b>1-20-53</b>
Tubing Diameter <b>2 1/2"</b>	Tubing Depth <b>9412'</b>	Oil String Diameter <b>5 1/2"</b>	Oil String Depth <b>9420'</b>	
Perforated Interval(s) <b>9200' - 9240' &amp; 9402' - 9410'</b>				
Open Hole Interval <b>-</b>		Producing Formation(s) <b>Wolfcamp</b>		

**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	<b>12-27-62</b>	<b>5</b>	<b>73BM</b>	<b>26</b>	<b>73BM</b>	<b>-</b>
After Workover	<b>2-6-63</b>	<b>18</b>	<b>-</b>	<b>79</b>	<b>-</b>	<b>-</b>

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

<p align="center"><b>OIL CONSERVATION COMMISSION</b></p>		<p align="right">Original Signed By <b>R. A. LOWERY</b></p>	
Approved by 	Name <b>R. A. Lowery</b>	Position <b>District Exploitation Engineer</b>	
Title	Company <b>Shell Oil Company</b>		
Date			

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TRANSPORTER	OIL
	GAS
PROGRATION OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

HOBBS OFFICE 000

**MISCELLANEOUS NOTICES**

FEB 5 AM

strict Office, Oil Conservation Commission, before the work specified is to begin. The work will be submitted 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		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Roswell, New Mexico  
(Place)

February 4, 1963  
(Date)

Gentlemen:

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

Shell Oil Company Argo Well No. 5 in H  
(Company or Operator) Lease (Unit)  
SE NE 1/4 of Sec. 3, T. 158, R. 37E, NMPM., Denton-Wolfcamp Pool  
(40-acre Subdivision) Lea County.

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

1. Run 2-100 grains/foot string shots over interval 9200' - 9410'.
2. Run tubing.
3. Treat w/1000 gallons 15% NEA.
4. Place on production.

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

Approved  
OIL CONSERVATION COMMISSION  
By [Signature]  
Title.....

Shell Oil Company  
Company or Operator  
By..... R. A. Lowery Original Signed 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



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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

LANDS OFFICE O. C. C.

DEC 21 11 49 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 Argo
3. Address of Operator P. O. Box 1509, Midland, Texas 79701	9. Well No. 5
4. Location of Well UNIT LETTER <u>H</u> <u>2087</u> FEET FROM THE <u>north</u> LINE AND <u>330</u> FEET FROM THE <u>east</u> LINE, SECTION <u>3</u> TOWNSHIP <u>15S</u> RANGE <u>37E</u> NMPM.	10. Field and Pool, or Wildcat Denton-Wolfcamp
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 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 <u>Temporarily Abandoned</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 1705.

Well still temporarily abandoned as reported on Form C-103, approved April 29, 1966.  
No plans for changing well status in near future.

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 Senior Exploitation Engineer DATE December 15, 1966

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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

JUN 15 12 59 PM '66

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

7. Unit Agreement Name

2. Name of Operator

8. Farm or Lease Name

3. Address of Operator  
**Shell Oil Company (Western Division)**

9. Well No.  
**5**

4. Location of Well  
**P. O. Box 1509, Midland, Texas 79701**

10. Field and Pool, or Wildcat  
**Danton-Wolfcamp**

UNIT LETTER **H**, **2087** FEET FROM THE **north** LINE AND **330** FEET FROM THE **east** LINE, SECTION **3** TOWNSHIP **15E** RANGE **37E** NMPM.

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 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 <b>Temporarily Abandoned</b> <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.

**Well still temporarily abandoned as reported on Form C-103, approved April 29, 1966.**  
**No plans for changing well status in near future.**

THIS FORM MUST BE FILED WITH THE STATE OIL & GAS COMMISSION, ALBUQUERQUE, NEW MEXICO.

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

Original Signed By  
SIGNED N. W. Harrison **N. W. Harrison** TITLE **Senior Exploitation Engineer** DATE **June 6, 1966**

APPROVED BY [Signature] DATE **JUN 17 1966**

CONDITIONS OF APPROVAL, IF ANY:

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

APR 28 3 19 PM '66

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

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
-	
7. Unit Agreement Name	
-	
8. Farm or Lease Name	
Argo	
9. Well No.	
5	
10. Field and Pool, or Wildcat	
Denton-Wolfcamp	
12. County	
Lea	

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator <b>Shell Oil Company (Western Division)</b>	8. Farm or Lease Name <b>Argo</b>
3. Address of Operator <b>P. O. Box 1509, Midland, Texas 79701</b>	9. Well No. <b>5</b>
4. Location of Well UNIT LETTER <b>H</b> , <b>2087</b> FEET FROM THE <b>north</b> LINE AND <b>330</b> FEET FROM THE <b>east</b> LINE, SECTION <b>3</b> TOWNSHIP <b>15S</b> RANGE <b>37E</b> NMPM.	10. Field and Pool, or Wildcat <b>Denton-Wolfcamp</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3820' DF</b>	12. County <b>Lea</b>

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 **Temporarily Abandoned**

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 rods, pump and tubing.
2. Disconnected flow line and installed a 2" tubing valve.
3. Temporarily Abandoned April 7, 1966.

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 26, 1966

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE APR 26 1966  
 CONDITIONS OF APPROVAL, IF ANY:

DUPLICATE

HOBBS OFFICE OCC

Form C-103  
(Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS 10 08

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

COMPANY Shell Oil Company Box 845, Roswell, New Mexico  
(Address)

LEASE Argo WELL NO. 5 UNIT H S 3 T -15-S R -37-B

DATE WORK PERFORMED 11-18 thru 12-1-58 POOL Denton-Wolfcamp

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.

1. Pulled 2 1/2" tubing.
2. Ran Baker packer on 2 1/2" tubing & set @ 9123'.
3. Treated formation w/15,000 gallons 15% N. E. Acid in 5 stages using 10 ball sealers between each stage.
4. Pulled tubing & packer.
5. Ran 2 1/2" tubing to original setting.
6. Ran pump & rods & recovered load.
7. In 2 1/2 hours pumped 136 BO + 22 BW w/11-120" SPH.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data: DDO  
DF Elev. 3820' TD 9422' ~~xxxx~~ 9415' Prod. Int. 9200' - 9410' Compl Date 1-20-53  
Tbng. Dia 2 1/2" Tbng Depth 9412' Oil String Dia 5 1/2" Oil String Depth 9420'  
Perf Interval (s) 9200' - 9210' & 9402' - 9410'  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) Wolfcamp

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	<u>9-2-58</u>	<u>12-1-58</u>
Oil Production, bbls. per day	<u>59</u>	<u>136</u>
Gas Production, Mcf per day	<u>31.2</u>	<u>31.3</u>
Water Production, bbls. per day	<u>5</u>	<u>22</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>528</u>	<u>230</u>
Gas Well Potential, Mcf per day	<u>-</u>	<u>-</u>
Witnessed by <u>H. G. Starling</u> Production Foreman	Shell Oil Company (Company)	

OIL CONSERVATION COMMISSION

Name [Signature]  
Title Oil & Gas Inspector  
Date DEC 4 1958

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

Name Rex C. Cabaniss Original Signed By Rex C. Cabaniss  
Position District Exploitation Engineer  
Company Shell Oil Company

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

ROSWELL OFFICE 000

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		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  
(Place)

October 21, 1958  
(Date)

Gentlemen:

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

Shell Oil Company

Argo

5

H

Well No. .... in .....

SE NE (Company or Operator)

-15-S

-37-49

Danton-Wolfcamp (Unit)

..... 1/4 of Sec. ...., T. ...., R. ...., NMPM., ..... Pool

(40-acre Subdivision)

LES

..... 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.
2. Run 2 1/2" tubing w/packer.
3. Treat via tubing w/15,000 gallons 15% N. E. Acid using ball sealers.
4. Swab acid load.
5. Pull tubing, lay down packer, rerun tubing, rods, & pump.

Approved..... 22 1958, 19.....  
Except as follows:

Approved  
OIL CONSERVATION COMMISSION  
By: *[Signature]*  
Title: District Gas Inspector

Shell Oil Company

Company or Operator Original Signed By  
By: Rex C. Cabaniss Rex C. Cabaniss

Position: District Exploitation Engineer

Send Communications regarding well to:

Shell Oil Company

Name: .....

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 an an *initial* allowable be assigned to any completed Oil or Gas well. Submit this form in **QUADRUPPLICATE**.

1954 MAR 26 AM 8:59

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

Company or Operator Shell Oil Company Lease Argo

Address Box 1977, Hobbs, New Mexico Box 1909, Midland, Texas  
(Local or Field Office) (Principal Place of Business)

Unit 1, Well No. 5, Sec. 3, T. 23-S, R. 37-E, Pool Denton-Wolfcamp

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 R-98-A, Paragraph 9, Rule 1109, Section (A).**

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 29 1954, 19.....  
Shell Oil Company

OIL CONSERVATION COMMISSION

By D. J. Stanley

Title Engineer District

By B. Nevill Original signed by B. Nevill

Title Division Exploitation Engineer

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**MISCELLANEOUS REPORTS ON WELLS**

**RECEIVED**  
APR 20 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, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See 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)	
				<b>ACIDIZING</b>	<b>X</b>

April 16, 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)

Argo

(Lease)

(Contractor)

Well No. 5 in the SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  of Sec. 3

T. 15-S, R. 37-E, NMPM, Denton-Wolfcamp Pool, Leon County.

The Dates of this work were as follows: April 12, thru April 14, 1953

Notice of intention to do the work (was) ~~submitted~~ submitted on Form C-102 on April 12, 1953

(Cross out incorrect words)

and approval of the proposed plan (was) ~~obtained~~ obtained.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Treated thru casing perforations 9200' - 9240' & 9402' - 9410' w/5000 gals. 15% non-emulsion acid. On 24 hr. test flowed 116 BO, cut 0.3% BS, no water, thru 28/64" choke. FFP 25 psi, FGF pkr. GOR 718. Well would not flow prior to acid treatment.

Witnessed by H. G. Starling  
(Name)

Shell Oil Company  
(Company)

Production Foreman  
(Title)

Approved: OIL CONSERVATION COMMISSION

Ray Yarbrough  
(Name)  
Assistant District Engineer  
(Title)

APR 20 1953  
(Date)

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

Name J. D. Savage ORIGINAL SIGNED BY J. D. 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**  
APR 20 1953  
OIL CONSERVATION COMMISSION  
HOBBS OFFICE

**MISCELLANEOUS NOTICES**

Submit this notice in **TRIPPLICATE** to the District Office, Oil Conservation Commission, before the work notified 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 objection 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. 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	<b>X</b>	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)

**April 13, 1953**  
(Date)

Gentlemen:

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

**Shell Oil Company**  
(Company or Operator)

Well No. **5** in **H** (Unit)

**SE** 1/4 **SE** 1/4 of Sec. **3**, T. **-15-S**, R. **-37-E** NMPM., **Denton-Wolfcamp** Pool

**Lea** County.

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

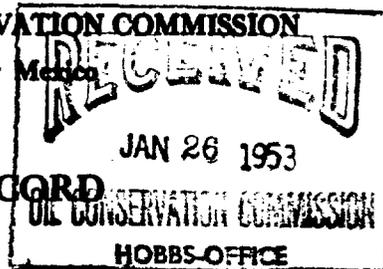
**Treat through casing perforations 9200' - 9240' & 9402' - 9410' w/5000 gals. 15% non-emulsion acid.**

Approved **APR 20 1953**, 19.....  
Except as follows:

Approved  
OIL CONSERVATION COMMISSION  
By **Ray Zanthrough**  
Title **Oil & Gas Inspector**

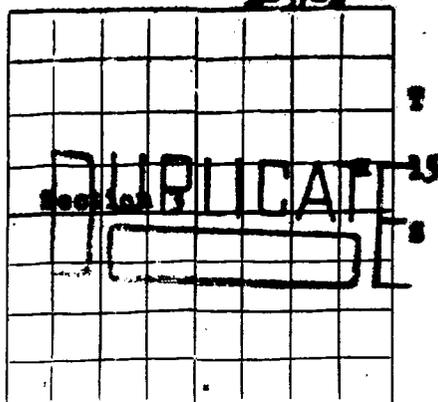
**Shell Oil Company**  
Company or Operator  
By **J. D. SAVAGE** ORIGINAL SIGNED BY J. D. SAVAGE  
Position **Division Exploitation Engineer**  
Send Communications regarding well to:  
Name **Shell Oil Company**  
Address **Box 1957, Hobbs, New Mexico**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico



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

Shell Oil Company

(Company or Operator)

Argo

(Lease)

Well No. 5, in SE 1/4 of SE 1/4, of Sec. 3, T. -15-N, R. -37-E, NMPM.

Denton Wolfcamp

Pool,

Lee

County.

Well is 2087' feet from north line and 330' feet from east line of Section 3. If State Land the Oil and Gas Lease No. is -

Drilling Commenced November 12, 1952 Drilling was Completed January 20, 1953

Name of Drilling Contractor Company Tools Rig # 22

Address Box 1957, Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3810 The information given is to be kept confidential until Not Confidential, 19    

OIL SANDS OR ZONES

No. 1, from 9200' to 9410' 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.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48#	New	335'				Water String
8 5/8"	32#	New	4737'				Salt String
5 1/2"	17#	New	4867'			9200' - 9240'	Oil String
2 3/8"	4.7#	New	9403'			9376' - 9384'	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"	13 3/8"	350'	350	Pump & Plug		
11"	8 5/8"	4749'	2900	Pump & Plug		
7 7/8"	5 1/2"	9420'	900	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Acidised through casing perforations 9200' - 9240' & 9402' - 9410' w/2000 gal. type J acid.

Result of Production Stimulation After recovering hole lead flowed 235 BO in 24 hrs. through 28/64" choke, cut 0.2% BS

Depth Cleaned Out

**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 0 feet to 9422 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing 1-20, 1953  
 OIL WELL: The production during the first 24 hours was 235 barrels of liquid of which 99.8 % was oil; None % was emulsion; None % water; and 0.2 % was sediment. A.P.I. Gravity 43.4° API @ 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		Northwestern New Mexico
T. Anhy.....	T. Devonian.....	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.....	T. <u>Yess 6232' (-2412)</u>	T. Morrison.....
T. Drinkard <u>8114 7358' (-3538')</u>	T. <u>Wolfcamp 9255' (-5435')</u>	T. Penn.....
T. Tubbs.....	T. ....	T. ....
T. Abo <u>8039' (-4219')</u>	T. ....	T. ....
T. Penn.....	T. ....	T. ....
T. Miss.....	T. ....	T. ....

**FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	4700	4700	No samples taken				
4700	8040	3340	Dolomite				
8040	9000	960	Dolomite & Shale				
9000	9250	250	Dolomite				
9250	9422	172	Lime & Dolomite				
		<u>9422</u>					

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.

January 23, 1953

(Date)

Company or Operator Shell Oil Company

Address Box 1957, Hobbs, New Mexico

Name J. D. Savage

Position or Title Division Exploitation Engineer

**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 on an initial allowable to any complete well. Submit this form in QUADRUPLICATE.

**RECEIVED**  
JAN 28 1953  
OIL CONSERVATION COMMISSION  
HOBBS OFFICE

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

Company or Operator Shell Oil Company Lease ATCO

Address Box 1957, Hobbs, New Mexico Box 1509, Midland, Texas  
(Local or Field Office) (Principal Place of Business)

Unit H, Well (s) No. 3, Sec. 3, T. 15-S, R. 37-E, Pool Number Wolfcamp

County Leon Kind of Lease: Patented

If Oil well Location of Tanks W/2 of Lease

Authorized Transporter Service Pipe Line Amoco Pipeline Address of Transporter  
Box 36, 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:

**New Completion 1-20-53**

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

Executed this the 23rd day of January, 1953

Approved [Signature], 1953

Shell Oil Company

OIL CONSERVATION COMMISSION  
By [Signature]

By J. D. Savage J. D. Savage

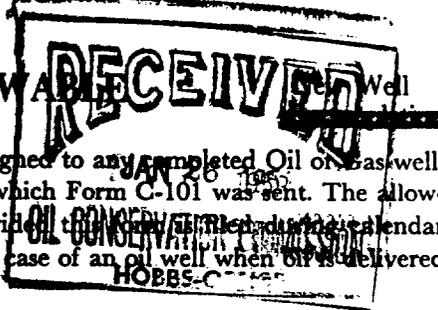
Title Oil & Gas Inspector

Title Division Exploration Engineer

NEW MEXICO OIL CONSERVATION COMM.  
Santa Fe, New Mexico

**DUPLICATE**

REQUEST FOR (OIL) - (~~Gas~~) ALLOWABLE FOR WELL



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 that the well is completed during the 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 January 23, 1953  
(Place) (Date)

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

Shell Oil Company APR, Well No. 5 in NE  $\frac{1}{4}$  NE  $\frac{1}{4}$ ,  
(Company or Operator) (Lease)  
R, Sec. 3, T. 15-N, R. 37-E, NMPM, Benton Wellcamp Pool  
(Unit)  
Lee County. Date Spudded 11-12-52, Date Completed 1-20-53

Please indicate location:


Elevation 3820 ~~DF~~ Total Depth 9422' ~~222~~ 9415'

Top oil/gas pay 9200' Prod. Form Wellcamp

Casing Perforations: 9200' - 9240', 9402' - 9410' or

Depth to Casing shoe of Prod. String -

Natural Prod. Test - BOPD

based on - bbls. Oil in - Hrs. - Mins.

Test after acid or shot 235 BOPD

Based on 235 bbls. Oil in 24 Hrs. - Mins.

Gas Well Potential -

Size choke in inches 28/64"

Date first oil run to tanks or gas to Transmission system: 1-20-53

Transporter taking Oil or Gas: Service Pipe Line

Remarks: \_\_\_\_\_

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

Approved \_\_\_\_\_, 19\_\_\_\_

OIL CONSERVATION COMMISSION  
By: A. L. Carter  
Title: & Gas Inspector

Shell Oil Company  
(Company or Operator)

By: J. D. Savage J. D. Savage  
(Signature)

Title: Division Exploration Engineer  
Send Communications regarding well to:

Name: Shell Oil Company

Address: Box 1987, Hobbs, New Mexico

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**RECEIVED**  
JAN 26 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		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) <b>ACIDIZING</b>	<b>X</b>

January 23, 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)

APM

(Lease)

Company Rig # 22

(Contractor)

Well No. 5 in the SE  $\frac{1}{4}$  of Sec. 3

T-15-8, R-37-8, NMPM, Denton Wellcamp Pool, Lea County.

The Dates of this work were as follows: January 18, 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**

**Acidized through casing perforations 9200' - 9240' & 9402' - 9410' w/2000 gallons type J acid. After recovering hole load flowed 235 BO in 24 hrs. through 28/64" choke, out 0.2% BS.**

Witnessed by H. G. Starling  
(Name)

Shell Oil Company  
(Company)

Production Foreman  
(Title)

Approved: OIL CONSERVATION COMMISSION

A. L. Carter  
(Name)

District Inspector

(Title)

26 1953

(Date)

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

Name J. D. Savage

Position Division Exploitation Engineer

Representing Shell Oil Company

Address Box 1957, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED  
JAN 19 1953

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.

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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) <b>5 1/2" CASING LINER</b>	<b>X</b>

January 16, 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)

Argo  
(Lease)

Company Rig No. 22, Well No. 5 in the NE 1/4 NE 1/4 of Sec. 3

T. 15-S, R. 37-E, NMPM, Denton Wolfcamp Pool, Lea County.

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

Notice of intention to do the work (was) ~~waived~~ submitted on Form C-102 on January 14, 1953,

and approval of the proposed plan (was) ~~waived~~ obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Perforated 5 1/2" casing liner opposite the Wolfcamp Pay Zone from 9200' - 9240', and 9402' - 9410' 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

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

Roy Yarbrough  
(Name)  
Inspector  
(Title)

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

**RECEIVED**  
JAN 16 1953  
OIL CONSERVATION COMMISSION

**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		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)

January 14, 1953  
(Date)

Gentlemen:

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

Shell Oil Company ARGO Well No. 5 in 4 1/2"  
(Company or Operator) (Unit)  
SE NE 3 15-S R. 37-E NMPM, Denton Wolfcamp 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 1/2" casing liner opposite the Wolfcamp Pay Zone from 9200' - 9410' with 4-21 gram jet shots per foot.

Approved..... Jan 16 1953, 19.....  
Except as follows:

Approved  
OIL CONSERVATION COMMISSION  
By Roy Yarbrough  
Title.....

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**  
JAN 16 1953  
OIL CONSERVATION COMMISSION  
OFFICE

**MISCELLANEOUS REPORTS ON WELLS**

Submit this report in **TRIPPLICATE** 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	<input checked="" type="checkbox"/>	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

January 15, 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)

Area  
(Lease)

Company Rig No. 22  
(Contractor)

Well No. 5 in the SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  of Sec. 3

T. 15-S, R. 37-E, NMPM, Denton Wellcamp Pool, Lea County.

The Dates of this work were as follows: January 11, 1953

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**

Ran 4867 feet of 5 $\frac{1}{2}$ " casing liner and cemented at 9420 feet with 600 sacks 4 $\frac{1}{2}$  gal and 300 sacks of neat - top 4534'. No cement reversed circulated to surface - left 90' of cement in casing. After WOC 8 hours ran temperature survey and found cement at 4915' behind casing. After WOC 72 hours tested casing and plug with 1500 psi for 30 minutes before and after dressing plug. Test OK.

Witnessed by H. G. Starling  
(Name)

Shell Oil Company  
(Company)

Production Foreman  
(Title)

Approved: OIL CONSERVATION COMMISSION

Noy Yankrough  
(Name)  
Inspection  
(Title)

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

Name F. D. Leich

Position Division Mechanical Engineer

Representing Shell Oil Company

Address Box 1957, Hobbs, New Mexico

6/35  
(Date)

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

RECEIVED  
DEC 2 1952

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)	

December 1, 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) Argo (Lease)  
Company Rig No. 22 (Contractor), Well No. 5 in the SE 1/4 NE 1/4 of Sec. 2  
T. 15-S, R. 37-E, NMPM, Denton Wolfcamp Pool, Lea County.

The Dates of this work were as follows: November 27, 1952

Notice of intention to do the work (none) (was not) submitted on Form C-102 on....., 19.....  
and approval of the proposed plan (none) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 4737 feet of 8-5/8" casing and cemented at 4749 feet with 2600 sacks of 4/8 gel and 300 sacks of neat. Did not circulate. After WOC 9 1/2 hours released pressure and ran temperature survey. Indicated top of cement at 275'. Ran 1" pipe down annulus and found top of cement at 315'. Ran 150 sacks of cement and cemented casing from 315' to surface. Circulated cement. After WOC total 40 hours tested casing and cement with 1000 psi for 30 minutes before and after drilling plug. Test OK.

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

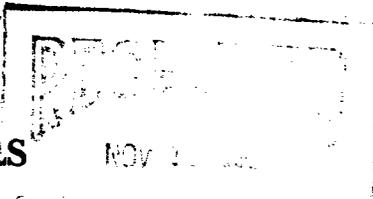
Approved: OIL CONSERVATION COMMISSION

R. S. Blyman (Name)  
Inspector (Title)  
1952 (Date)

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

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

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico



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 17, 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)

Arco

(Lease)

Company Rig No. 22

(Contractor)

Well No. 5 in the SE 1/4 NE 1/4 of Sec. 3

T. 15-S, R. 37-E, NMPM, Denton Wolfcamp Pool, Lea County.

The Dates of this work were as follows: November 13, 1952

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 335 feet of 13-3/8" casing and cemented at 350' with 350 sacks of neat.

Circulated cement. After WOC 26 hours tested casing and cement with 500 psi

for 30 minutes before drilling plug. Test OK.

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

Approved: OIL CONSERVATION COMMISSION

*Ray Yarbrough*  
(Name)  
Oil & Gas Inspector  
(Title)

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

**TRIPPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**RECEIVED**  
NOV 17 1952

**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 13, 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)

**ARCO**  
(Lease)

**Company Rig No. 22**  
(Contractor)

Well No. **5** in the **SE**  $\frac{1}{4}$  **NE**  $\frac{1}{4}$  of Sec. **3**

T. **15-S**, R. **37-E**, NMPM., **Denton Wolfcamp** Pool, **Lea** County.

The Dates of this work were as follows: **November 12, 1952**

Notice of intention to do the work (was) ~~approved~~ submitted on Form C **101** on **November 3,** 19**52**,  
(Cross out incorrect words)

and approval of the proposed plan (was) ~~approved~~ obtained.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

**Spudded 6:00 P.M. 11-12-52**

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

Approved: **NOY YANKERUGH**  
OIL CONSERVATION COMMISSION  
(Name)  
**Inspection**  
(Title)  
**NOV 17 1952**  
(Date)

I hereby certify that the information given above is true and complete to the best of my knowledge  
**F. D. Leigh**  
Name  
**Division Mechanical Engineer**  
Position  
**Shell Oil Company**  
Representing  
**Box 1957, Hobbs, New Mexico**  
Address

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

**RECEIVED**  
NOV 5 1952  
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 with the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Hebbs, New Mexico  
(Place)

November 3, 1952  
(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)

Argo

(Lease)

Well No. 5

in 11

(Unit)

The well is located 2087 feet from the North line and 330 feet from the

East

line of Section 3

T. 15-S

R. 37-S

NMPM.

(GIVE LOCATION FROM SECTION LINE)

Denton-Wolfcamp Pool,

Lea

County

3-37-S

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. 7

If patented land the owner is See Below

Address Varied and 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 Wolfcamp

formation at an approximate depth of 9420 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
<u>17-1/4"</u>	<u>13-3/8"</u>	<u>48#</u>	<u>New</u>	<u>390'</u>	<u>350</u>
<u>11"</u>	<u>8-5/8"</u>	<u>32#</u>	<u>New</u>	<u>4750'</u>	<u>3200</u>
<u>7-7/8"</u>	<u>5-1/2"</u>	<u>15.5# &amp; 17#</u>	<u>New</u>	<u>9420'</u>	<u>975</u>

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.)

\* Mrs. Fort & Daughter 1/4, Fleet Family 1/8, Argo Oil Corp. 1/4, Shell Oil Co. 1/4, Euremex 1/8.

NOV 5 1952

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

OIL CONSERVATION COMMISSION

By Ray Garber  
Title Oil & Gas Inspector

Sincerely yours,

Shell Oil Company  
(Company or Operator)

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

Position Division Exploitation Engineer  
Send Communications regarding well to

Name Shell Oil Company

Address Box 1957, Hebbs, New Mexico

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  
Polaris Production Corp

3. Address of Operator  
P. O. Box 1749, Midland, Texas 7902

4. Location of Well  
 UNIT LETTER D 660 FEET FROM THE North LINE AND 990 FEET FROM  
 THE West LINE, SECTION 1 TOWNSHIP 15-S RANGE 37-E N.M.P.M.

7. Unit Agreement Name  
Priest

8. Farm or Lease Name  
Priest

9. Well No.  
4

10. Field and Pool, or Wildcat  
Denton Wolfcamp

11. Elevation (Show whether DF, RT, GR, etc.)  
3809 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 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 <u>Temporarily Abandoned</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.

Well Temporarily Abandon. Evaluating possible remedial work.

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

SIGNED [Signature] TITLE President DATE 12-1-81

APPROVED BY Jerry Sexton TITLE \_\_\_\_\_ DATE DEC 22 1981

CONDITIONS OF APPROVAL, IF ANY: Expires 12/22/82

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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 Polaris Production Corp.	8. Farm or Lease Name Priest
3. Address of Operator P. O. Box 1749, Midland, Texas 79701	9. Well No. 4
4. Location of Well UNIT LETTER <u>D</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM THE <u>West</u> LINE, SECTION <u>1</u> TOWNSHIP <u>15-S</u> RANGE <u>37-E</u> N.M.P.M.	10. Field and Pool, or Wildcat Denton Wolfcamp
15. Elevation (Show whether DF, RT, GR, etc.) 3809 DF	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 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 [Signature] TITLE Director DATE NOV 24 1976

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

Form C-104  
Supersedes Old C-104 and C-105  
Effective 1-1-65

**Polaris Production Corp.**

**P. O. Box 1703, Midland, Texas 79701**

Reason(s) for filing (Check proper box)

New Well       Change in Transporter of:  
 Completion       Oil       Dry Gas   
 Change in Ownership       Casinghead Gas       Condensate

Other (Please explain)

**Change in Operator**

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**

Well Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Priest	4	Denton Wolfcamp	State, Federal or Fee	Fee
Location				
Unit Letter	D	660 Feet From The	North	Line and
		990 Feet From The	West	
Line of Section	1	Township	15 South	Range
			37 East	, NMPM,
			Lea	County

**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    Sec.    Twp.    Rge.    Is gas actually connected?    When
	E    1    15    37    Yes    Unknown

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

**COMPLETION DATA**

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Rec'y.	Diff. Rec'y.
<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 lead 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 \_\_\_\_\_, 1974  
 BY Joe E. Ramey  
 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 deep well, this form must be accompanied by a tabulation of the devin tests taken on the well in accordance with RULE 111.  
 All sections of this form must be filled out completely for all wells on new and 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 condition.  
 Separate Forms C-104 must be filed for each pool in recompleted wells.

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REPRODUCTION		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
REGISTRATION 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

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

Reason(s) for filing (Check proper box)  
 New Well  Change in Transporter of:  
 Incompletion  Oil  Dry Gas   
 Change in Ownership  Casinghead Gas  Condensate  **Effective May 1, 1970**

change of ownership give name and address of previous owner \_\_\_\_\_

**DESCRIPTION OF WELL AND LEASE**

Lease Name <b>Priest</b>	Well No. <b>4</b>	Pool Name, including Formation <b>Denton Wolfcamp</b>	Kind of Lease State, Federal or Fee	Fee	Lease No.
Location Unit Letter <b>D</b> ; <b>660</b> Feet From The <b>north</b> Line and <b>990</b> Feet From The <b>west</b> Line of Section <b>1</b> Township <b>15-S</b> Range <b>37-E</b> , NMPM, <b>Lea</b> County					

**DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> <b>Amoco Pipe Line Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 1509, Midland, Texas 79701</b>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Tipperary Resources Corp.</b>	Address (Give address to which approved copy of this form is to be sent) <b>500 West Illinois, Midland, Texas 79701</b>
If well produces oil or liquids, give location of tanks. Un't <b>D</b> Sec <b>I</b> Twp. <b>15-S</b> Rge. <b>37-E</b>	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							
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
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 (pitots, 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**

(Title)

(Date)

**OIL CONSERVATION COMMISSION**

APPROVED **JUN 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.

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**

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

**MISCELLANEOUS NOTICES**

1959 FEB 3 AM 7:51

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	<b>X</b>	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**  
(Place)

**February 3, 1959**  
(Date)

Gentlemen:

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

**Shell Oil Company**

**Priest**

Well No. **4** in **D**  
(Unit)

**NW** **NW** (Company or Operator)  
(40-acre Subdivision)  $\frac{1}{4}$  of Sec. **1**, T. **-15-S**, R. **-37-E**, **NMPM**, **Denton-Wolfcamp** Pool  
**Lea** 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.
2. Rerun and Hydrotest open-ended tubing w/full bore packer to 5000'.
3. Set packer & treat w/15,000 gallons 15% N. E. acid using ball sealers.
4. Pull tubing, lay down packer, rerun tubing, rods & pump.
5. Pump load & place on production.

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

Approved  
OIL CONSERVATION COMMISSION  
By *[Signature]*  
Title.....

**Shell Oil Company**  
.....  
By **Rex C. Cabaniss** Rex C. Cabaniss  
Position **District Exploitation Engineer**  
Send Communications regarding well to:  
**Shell Oil Company**  
Name.....  
**Box 845, Roswell, New Mexico**  
Address.....

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY Shell Oil Company Box 1957 Hobbs, New Mexico  
(Address)

LEASE Priest WELL NO. 4 UNIT D S 1 T 15 S R 37 E

DATE WORK PERFORMED 8-27-57 POOL Denton Wolfcamp

This is a Report of: (Check appropriate block)  Results of Test of Casing Shut-off  
 Beginning Drilling Operations  Remedial Work  
 Plugging  Other Lower Pump

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

Lowered pump from 9196' to 9250'.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
 Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
 Perf Interval (s) \_\_\_\_\_  
 Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>8-5</u>	<u>9-2</u>
Oil Production, bbls. per day	<u>72</u>	<u>94</u>
Gas Production, Mcf per day	<u>101,520</u>	
Water Production, bbls. per day		
Gas-Oil Ratio, cu. ft. per bbl.	<u>1410</u>	
Gas Well Potential, Mcf per day		
Witnessed by <u>Ray Moore</u>	<u>Shell Oil Company</u> (Company)	

OIL CONSERVATION COMMISSION

Name E. J. Fisher  
 Title Engineer District  
 Date 9-2-57

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

ORIGINAL SIGNED BY  
 Name R. L. Elkins R. L. ELKINS  
 Position Division Mechanical Engineer  
 Company Shell Oil Company

**NEW MEXICO OIL CONSERVATION COMMISSION**

Santa Fe, New Mexico

**MISCELLANEOUS NOTICES** DEC 13 AM 10:04

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		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)

December 13, 1954  
(Date)

Gentlemen:

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

Shell Oil Company Priest Well No. 4 in SP  
(Company or Operator) (Unit)

E. 1/4 SW 1/4 of Sec. 1, T. 15-S, R. 37-E, NMPM, Denton-Wolfcamp 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 in the Wolfcamp Pay Zone from DOD 943' to approximately 9260' by setting Baker Model K cast iron bridging plug capped with one sack cement to shut off water.

Approved..... DEC 13 1954....., 19.....  
Except as follows:

Approved  
OIL CONSERVATION COMMISSION  
By S. J. Stanley S. J. STANLEY  
Title..... ENGINEER-DIST.

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

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

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 (Other) <b>PLUG BACK</b>	<b>X</b>

December 16, 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)

Priest  
(Lease)

Clarke Well Service  
(Contractor)

Well No. 4 in the NW 1/4 NW 1/4 of Sec. 1

T. 15-S, R. 37-E, NMPM, Denton-Wolfcamp Pool, Lea County.

The Dates of this work were as follows: December 15, 1954

Notice of intention to do the work (was) (crossed) submitted on Form C-102 on December 13, 1954

and approval of the proposed plan (was) (crossed) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Plugged back in the Wolfcamp Pay Zone from DOD 9443' by running Baker Model K cast iron bridging plug and setting at 9265'. P B T D 9265'.

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

Approved: OIL CONSERVATION COMMISSION  
*H. G. Starling*  
(Name)  
(Title) (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  
Position: Division Mechanical Engineer  
Representing: Shell Oil Company  
Address: Box 1957, Hobbs, New Mexico

**DUPLICATE**

NEW MEXI

**ILLEGIBLE**

SSION

Santa Fe, New Mexico

**HOBBS OFFICE OCC**

It is 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.

1954 MAR 26 PM 3:17

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

Company or Operator Shell Oil Company Lease A. R. Priest

Address Box 1937, Hobbs, New Mexico Box 1509, Midland, Texas  
(Local or Field Office) (Principal Place of Business)

Unit 3, Well (or) No. 4, Sec. 1, T. 15-N, R. 3-E, Pool Benton-Holcomb

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 H-98-1, Paragraph 9, Rule 1109, Section (A).**

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

Shell Oil Company

OIL CONSERVATION COMMISSION

By B. Nevill Original signed by

By S. J. STANLEY

Title Division Superintendent Engineer

Title Engineer District 1

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**RECEIVED**  
DEC 29 1953  
OIL CONSERVATION COMMISSION  
HOBB'S OFFICE

**MISCELLANEOUS NOTICES**

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. Approval 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		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER) TO ACIDIZE	X

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Hobbs, New Mexico  
(Place)

December 21, 1953  
(Date)

Gentlemen:

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

Shell Oil Company Well No. 4 in 2  
(Company or Operator) (Unit)  
NW 1/4 NW 1/4 of Sec 1, T -15-S, R -37-E, NMPM, Denton-Talson Pool  
Lea County.

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

We propose to treat thru casing perforations 9140' - 9225', 9305' - 9325' & 9365' - 9395' w/4000 gallons 15% LST acid to increase capacity.

Approved DEC 30 1953, 19.....  
Except as follows:

Approved  
OIL CONSERVATION COMMISSION  
By J. G. Stanley  
Title Engineer District 1

Shell Oil Company  
Company or Operator  
By B. Nevill  
Position Division Exploitation Engineer  
Send Communications regarding well to:  
Name Shell Oil Company  
Address Box 1957, Hobbs, New Mexico

**DUPLICATE**

**ILLEGIBLE**

**RECEIVED**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

DEC 29 1953

OIL CONSERVATION COMMISSION  
HOBBS 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		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) <b>ACIDIZING</b>	<b>X</b>

**December 24, 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)

**A. H. Priest**

(Lease)

(Contractor)

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

T-**35-0**, R-**37-1**, NMPM, **Dante-Volkamp** Pool, **Lea** County.

The Dates of this work were as follows: **December 21, 1953**

Notice of intention to do the work (was) (~~submitted~~) submitted on Form C-102 on **December 21**, 19**53**, and approval of the proposed plan (was) (~~obtained~~) obtained.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Treated thru casing perforations 9140' - 9225', 9305' - 9325' & 9365' - 9395' w/4000 gallons 15% LST acid. In 24 hours flowed 216 barrels oil thru 27/64" choke. FFP 200 psi.

Witnessed by **H. G. Starling**  
(Name)

**Shell Oil Company**  
(Company)

**Production Foreman**  
(Title)

Approved: OIL CONSERVATION COMMISSION

**S. J. Stanley**  
(Name)

**Engineer District I**  
(Title)

**DEC 30 1953**  
(Date)

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

Name **B. Novill**

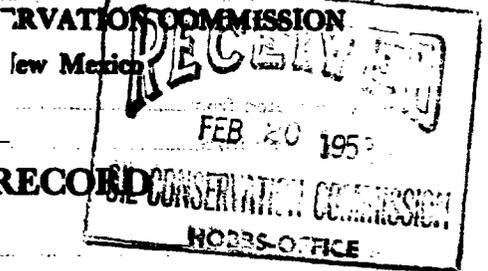
Position **Division Exploitation Engineer**

Representing **Shell Oil Company**

Address **Box 1957, Hobbs, New Mexico**

QUINTUPLICATE											
Section 1											

**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

**Shell Oil Company**

(Company or Operator)

**Priest**

(Lease)

Well No. **8**, in **NW** 1/4 of **NW** 1/4, of Sec. **1**, T. **-15-S**, R. **-37-E**, NMPM.

**Denton-Wolfcamp**

Pool,

**Lee**

County.

Well is **660** feet from **north** line and **990** feet from **west** line

of Section **1**. If State Land the Oil and Gas Lease No. is **-**

Drilling Commenced **December 29**, 19 **52**. Drilling was Completed **February 10**, 19 **53**

Name of Drilling Contractor **Oil States Drilling Company**

Address **1503 First National Bank, Dallas, Texas**

Elevation above sea level at Top of Tubing Head **3799**. The information given is to be kept confidential until

**not confidential**, 19 **-**

**OIL SANDS OR ZONES**

No. 1, from **9160'** to **9450'** 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.

**CASING RECORD**

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
17 3/8"	48#	NEW	744'				Surface String
8 5/8"	32#	NEW	4735'				Salt String
5 1/2"	15.5 & 17#	NEW	4898'	Larkin		9160'-9395'	Oil String
2"	4.7#	NEW	9428'	King & 9438'		9400' - 9408'	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 1/2"	17 3/8"	397'	750	Pump & Plug	Cemented to surface	
11"	8 5/8"	4750'	2800	Pump & Plug	Cemented to surface	
7 7/8"	5 1/2"	9408'	850	Pump & Plug	Cemented to surface	

**RECORD OF PRODUCTION AND STIMULATION**

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

Washed casing perforations w/500 gals. mud acid. Treated thru casing perforations

9160' - 9395' w/1500 gals. 15% non-emulsifying acid.

Result of Production Stimulation **After recovering lead flowed 17" 20. and 0.45 33 thru 1 1/2" choke in 12 hours.**

Depth Cleaned Out **-**



NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

QUADRUPPLICATE REQUEST FOR (OIL) - (GAS) ALLOWABLE

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-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 ~~gas~~ wells when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico February 18, 1953  
(Place) (Date)

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

Shell Oil Company Priest, Well No. 4, in NV  $\frac{1}{4}$  NV  $\frac{1}{4}$ ,  
(Company or Operator) (Lease)  
D, Sec. 1, T-15-S, R-37-E, NMPM., Denton-Volfcamp Pool  
(Unit)  
LEA County. Date Spudded December 29, 1952, Date Completed February 15, 1953

Please indicate location:

<b>X</b>			
	<b>Section 1</b>		

Elevation 2809 Total Depth 9450' RR. BOB 9443'

**T** Top oil/gas pay 9160' Prod. Form Volfcamp

**15** Casing Perforations 9160' - 9225', 9305' - 9325', 9365' - 9395' or

**B** Depth to Casing shoe of Prod. String -

Natural Prod. Test - BOPD

based on - bbls. Oil in - Hrs - Mins.

Test after acid or shot 348 BOPD

Based on 174 bbls. Oil in 12 Hrs - Mins.

Gas Well Potential -

Size choke in inches 1/2-inch

Date first oil run to tanks or gas to Transmission system: February 15, 1953

Transporter taking Oil or Gas: Service Pipe Line

Remarks: \_\_\_\_\_

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

Approved 2-20, 1953

Shell Oil Company  
(Company or Operator)

OIL CONSERVATION COMMISSION

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

By: Roy O. Yankraugh  
Title Oil & Gas Inspector

Title Division Exploitation Engineer  
Send Communications regarding well to:

Name Shell Oil Company

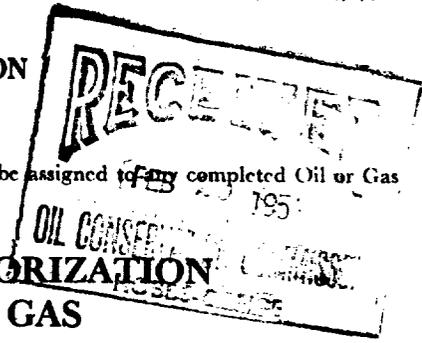
Address Box 1957, Hobbs, New Mexico

# ILLEGIBLE

NEW MEXICO COMMISSION

Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved on an initial allowable be assigned to a 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 Friest

Address Box 1957, Hobbs, New Mexico Box 1509, Midland, Texas  
(Local or Field Office) (Principal Place of Business)

Unit D, Well (g) No. 4, Sec. 1, T. 15-N, R. 37-W, Pool Benton-Halfcamp

County Leon Kind of Lease: Patented

If Oil well Location of Tanks West half of lease

Authorized Transporter Service Pipe Line Address of Transporter

Box 30, 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:

**New Completion - Allowable Effective 2-15-53.**

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

Executed this the 18th day of February, 1953

Shell Oil Company

Approved 2-20, 1953

OIL CONSERVATION COMMISSION

By J. D. Savage ORIGINAL SIGNED BY

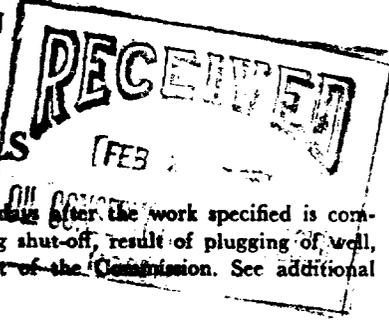
J. D. SAVAGE

By Roy D. Yankrough

Title Division Exploitation Engineer

Title \_\_\_\_\_

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico



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 (Other) <b>ACIDIZING</b>	<b>X</b>

February 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)

Priest

(Lease)

Oil States Drilling Company

(Contractor)

Well No. 4 in the NW 1/4 NW 1/4 of Sec. 1

T-15-B, R-37-E, NMPM, Denton-Welfcamp Pool, Lea County.

The Dates of this work were as follows: February 14, 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

Washed casing perforations w/500 gals. mud acid. Treated thru casing perforations 9160' - 9395' w/1500 gals. 15% non-emulsifying acid. After recovering lead flowed 174 BO, out 0.4% BS, thru 1/2" choke in 12 hours.

Witnessed by H. G. Starling (Name)

Shell Oil Company (Company)

Production Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

Roy Yankrough (Name)

(Title)

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

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

Position Division Exploitation Engineer

Representing Shell Oil Company

(Date) 1953 Address Box 1957, Hobbs, New Mexico

**TRIPPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**RECEIVED**  
OIL CONSERVATION COMMISSION  
FEB 17 1953

**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		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON PERFORATING (Other) <b>5 1/2" CASING LINER</b>	<b>X</b>

February 16, 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)

Priest  
(Lease)

Oil States Drilling Company  
(Contractor)

Well No. 4 in the NW 1/4 NW 1/4 of Sec. 1

T. 15-S., R. 37-E., NMPM., Denton Wolfcamp Pool, Lea County.

The Dates of this work were as follows: February 14, 1953

Notice of intention to do the work (was) (~~REMOVED~~) submitted on Form C-102 on February 13, 1953,  
(Cross out incorrect words)

and approval of the proposed plan (was) (~~REMOVED~~) obtained.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

**Perforated 5 1/2" casing liner opposite the Wolfcamp Pay Zone from 9160' - 9225', 9305' - 9325', and 9365' - 9395' 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

Roy Yarracogh  
(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

Representing Shell Oil Company

Address Box 1937, Hobbs, New Mexico

(Title)

(Date)

TRIPPLICATE

(Form C-102)  
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

RECEIVED  
FEB 17 1953  
OIL CONSERVATION COMMISSION

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 objection 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	X	NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Hobbs, New Mexico  
(Place)

February 13, 1953  
(Date)

Gentlemen:

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

Shell Oil Company (Company or Operator) Priest Well No. 4 in 92<sup>nd</sup> (Unit)  
NW 1/4 NW 1/4 of Sec. 1, T. 15-N, R. 37-E, NMPM., Denton Wolfcamp Pool  
Lee County.

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

We propose to perforate 5/8" casing liner opposite the Wolfcamp Pay Zone from 9160' - 9395' with 4 - 21 gram jet shots per foot.

Approved..... FEB 18 1953, 19.....  
Except as follows:

Approved  
OIL CONSERVATION COMMISSION  
By Roy Yunker  
Title Director

By F. D. Leitch  
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**  
JAN 14 1953

**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)	

January 12, 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)

Priest  
(Lease)

Oil States Drilling Company, Well No. 4 in the NW  $\frac{1}{4}$  NW  $\frac{1}{4}$  of Sec. 1

T. 15-S, R. 37-N, NMPM, Denton Wolfcamp Pool, Lea County.

The Dates of this work were as follows: January 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**

Ran 4735' of 8-5/8" casing and cemented at 4750' with 2500 sacks of regular mixed with  $\frac{1}{4}$  gel and 300 sacks of neat. Circulated out an estimated 400 sacks cement. After WOC 36 hours tested casing and cement with 1000 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**

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

Roy Yankrough  
(Name)  
Inspector  
(Title)

Name F. E. Leich  
Position Division Mechanical Engineer  
Representing Shell Oil Company  
Address Box 1957, Hobbs, New Mexico

JAN 14 1953  
(Date)

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**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)	

December 31, 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)

Oil States Drilling Company, Well No. 4 in the SW  $\frac{1}{4}$  SW  $\frac{1}{4}$  of Sec. 1

T. 15-N, R. 37-E, NMPM, Denton Wolfcamp Pool, Lea County.

The Dates of this work were as follows: December 30, 1952

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 344' of 13-3/8" casing and cemented at 357' with 350 sacks regular cement. Circulated cement. After WOC 24 hours tested casing and cement with 500 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 York  
(Name)  
JAN 2 1953  
(Date)

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

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

**DUPLICATE**

NEW MEXICO

**ILLEGIBLE**

SECTION

**RECEIVED**  
DEC 29 1952  
OIL CONSERVATION COMMISSION  
HOBBS OFFICE

**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 returned to the sender. Submit this notice in **QUINTUPPLICATE**. One copy will be returned following approval. See additional instructions and Regulations of the Commission.

Hobbs, New Mexico  
(Place)

December 29, 1952  
(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)

Priest  
(Lease)

Well No. 4

in 2  
(Unit)

The well is

located 660 feet from the North line and 990 feet from the West line of Section 1, T. 15-N, R. 27-E, NMPM.

(GIVE LOCATION FROM SECTION LINE) Benton Halfcamp Pool, Lee County

2-27-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 A. R. Priest, et al

Address Varied

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

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

**8** Drilling Contractor Oil States Drilg. Co.

We intend to complete this well in the Halfcamp formation at an approximate depth of 9450 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
<u>17-1/4"</u>	<u>13-3/8"</u>	<u>40#</u>	<u>New</u>	<u>390'</u>	<u>390</u>
<u>11"</u>	<u>8-5/8"</u>	<u>32#</u>	<u>New</u>	<u>4750'</u>	<u>1100</u>
<u>7-7/8"</u>	<u>5-1/2" Liner</u>	<u>17# &amp; 15.5#</u>	<u>New</u>	<u>9450'</u>	<u>850</u>
				<u>Mag @ 4550'</u>	

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

DEC 29 1952

Sincerely yours,

Shell Oil Company  
(Company or Operator)

By J. R. 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 Yachrough  
Title Oil & Gas Inspector

NO. OF COPIES RECEIVED		
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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 1-1-85

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: Polaris Production Corp  
3. Address of Operator: P. O. Box 1749, Midland, Texas 79702  
4. Location of Well: UNIT LETTER C, 660 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 1 TOWNSHIP 15-S RANGE 37-E NMPM.

7. Unit Agreement Name  
8. Farm or Lease Name: Priest  
9. Well No.: 5  
10. Field and Pool, or Wildcat: Denton Wolfcamp

15. Elevation (Show whether DF, RT, GR, etc.): 3806 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 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 <u>Temporarily Abandoned</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.

Well Temporarily Abandon. Evaluating remedial possibilites.

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

SIGNED [Signature] TITLE President DATE 12-1-81

APPROVED BY Jerry Sexton DATE DEC 22 1981

CONDITIONS OF APPROVAL, IF ANY: Expires 12/22/82

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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  GAS WELL  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 **C** **660** FEET FROM THE **North** LINE AND **1980** FEET FROM  
THE **West** LINE, SECTION **1** TOWNSHIP **15-S** RANGE **37-E** NMPM.  
15. Elevation (Show whether DF, RT, GR, etc.)  
**3806 Df**

7. Unit Agreement Name  
8. Farm or Lease Name  
**Priest**  
9. Well No.  
**5**  
10. Field and Pool, or Wildcat  
**Denton Wolfcamp**  
12. County  
**Lea**

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"/>	OTHER <u>return to production</u> <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.

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 Jerry Sexton TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL: \_\_\_\_\_

**NOV 24 1976**

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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  GAS WELL  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 **C**, **660** FEET FROM THE **North** LINE AND **1980** FEET FROM THE **West** LINE, SECTION **1** TOWNSHIP **15-S** RANGE **37-E** RMPM.  
15. Elevation (Show whether DF, RT, GR, etc.): **3806' DF**

7. Unit Agreement Name  
8. Farm or Lease Name: **Priest**  
9. Well No.: **5**  
10. Field and Pool, or Wildcat: **Denton Wolfcamp**  
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"/>	OTHER <u>Temporarily Abandoned</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 1703.

Well still temporarily abandoned as reported on Form C-103, approved October 30, 1974. No plans for changing well status at this time.

*Expires 10/1/75*

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.  
SIGNED [Signature] TITLE **President** DATE **3-24-75**

APPROVED BY Joe D. Ramsey TITLE Dist. I, Supr. DATE **MAR 26 1975**  
CONDITIONS OF APPROVAL, IF ANY:

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LAND OFFICE		
OPERATOR		

HOBBS OFFICE O. C. C.  
 NEW MEXICO OIL CONSERVATION COMMISSION  
 JUN 26 9 02 AM '67

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 <b>Shell Oil Company (Western Division)</b>	8. Farm or Lease Name <b>Priest</b>
3. Address of Operator <b>P.O. Box 1509, Midland, Texas 79701</b>	9. Well No. <b>5</b>
4. Location of Well UNIT LETTER <b>C</b> <b>660</b> FEET FROM THE <b>north</b> LINE AND <b>1980</b> FEET FROM THE <b>West</b> LINE, SECTION <b>1</b> TOWNSHIP <b>15S</b> RANGE <b>37E</b> NMPM.	10. Field and Pool, or Wildcat <b>Denton-Wolfcamp</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3806' DF</b>	12. County <b>Lee</b>

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

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input 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 checked="" type="checkbox"/> <b>Temporarily Abandoned</b>

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.

**Well still temporarily abandoned as reported on Form C-103, approved October 30, 1964.**  
**No plans for changing well status in near future.**

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** TITLE **Staff Exploitation Engineer** DATE **June 21, 1967**

SIGNED **N. W. Harrison** TITLE **SUPERVISOR DISTRICT 1** DATE **JUN 27 1967**

APPROVED BY *[Signature]* TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Dec 21 11 49 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 Priest
3. Address of Operator P. O. Box 1509, Midland, Texas 79701	9. Well No. 5
4. Location of Well UNIT LETTER <u>C</u> <u>660</u> FEET FROM THE <u>north</u> LINE AND <u>1980</u> FEET FROM THE <u>west</u> LINE, SECTION <u>1</u> TOWNSHIP <u>15S</u> RANGE <u>37E</u> NMPM.	10. Field and Pool, or Wildcat Denton-Wolfcamp
15. Elevation (Show whether DF, RT, GR, etc.) 3806' 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 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 <u>Temporarily Abandoned</u> <input checked="" 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.

Well still temporarily abandoned as reported on Form C-103, approved October 30, 1964.

No plans for changing well status in near future.

COMMISSION MUST BE NOTIFIED

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 N. W. Harrison Senior Exploitation Engineer December 15, 1966

SIGNED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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

**WILDCAT**

NEW MEXICO OIL CONSERVATION COMMISSION OFFICE O. C. C.

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

JUN 15 1 00 PM '66

16. 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 <b>Shell Oil Company (Western Division)</b>	8. Farm or Lease Name <b>Priest</b>
3. Address of Operator <b>P. O. Box 1509, Midland, Texas 79701</b>	9. Well No. <b>5</b>
4. Location of Well UNIT LETTER <b>C</b> <b>660</b> FEET FROM THE <b>north</b> LINE AND <b>1980</b> FEET FROM THE <b>west</b> LINE, SECTION <b>1</b> TOWNSHIP <b>15S</b> RANGE <b>37E</b> NMPM. <b>Denton-Helfcamp</b>	10. Field and Pool, or Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) <b>3806' DF</b>	12. County <b>Lee</b>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input 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 <b>Temporarily Abandoned</b> <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.

**Well still temporarily abandoned as reported on Form C-103, approved October 30, 1964.**

**No plans for changing well status in near future.**

THE COMMISSION MUST BE NOTIFIED  
EVERY 6 MONTHS ON FORM C-103  
REGARDING THE WELL STATUS AND YOUR  
FUTURE PLANS FOR THIS WELL

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 **June 6, 1966**

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_  
ORIGINAL & THREE COPIES  
SIGNED BY: **ERIC E. BARNETT**  
ENGINEER DISTRICT No. 1 DATE **JUN 17 1966**

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

HOBBS OFFICE O. C. C.  
 NEW MEXICO OIL CONSERVATION COMMISSION  
 DEC 8 11 58 AM '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-	7. Unit Agreement Name -
2. Name of Operator <b>Shell Oil Company - Western Division</b>	8. Farm or Lease Name <b>Priest</b>
3. Address of Operator <b>P. O. Box 1509 - Midland, Texas 79704</b>	9. Well No. <b>5</b>
4. Location of Well UNIT LETTER <b>C</b> <b>660</b> FEET FROM THE <b>north</b> LINE AND <b>1980</b> FEET FROM THE <b>west</b> LINE, SECTION <b>1</b> TOWNSHIP <b>15S</b> RANGE <b>37E</b> NMPM.	10. Field and Pool, or Wildcat <b>Denton-Wolfcamp</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3806' DF</b>	12. County <b>Lea</b>

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <b>Temporarily Abandoned</b> <input checked="" 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 1105.

**Well still temporarily abandoned as reported on Form C-103, approved October 30, 1964.**

**No plans for changing well status in near future.**

THE COMMISSION MUST BE NOTIFIED  
 OF ANY CHANGES TO YOUR  
 INFORMATION FOR THIS WELL

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

Original Signed By  
 SIGNED J. D. DUREN J. D. Duren TITLE Staff Exploitation Engineer DATE December 2, 1965

APPROVED BY [Signature] TITLE Engineer District 1 DATE DEC 3 1965

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED		
DISTRIBUTION		
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 <b>Shell Oil Company</b>	8. Farm or Lease Name <b>Priest</b>
3. Address of Operator <b>P. O. Box 1858 Roswell, New Mexico 88201</b>	9. Well No. <b>2/2</b>
4. Location of Well UNIT LETTER <b>C</b> <b>660</b> FEET FROM THE <b>N</b> LINE AND <b>1980</b> FEET FROM THE <b>west</b> LINE, SECTION <b>1</b> TOWNSHIP <b>15-S</b> RANGE <b>37-E</b> NMPM.	10. Field and Pool, or Wildcat <b>Denton-Wolfcamp</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3806' DF</b>	12. County <b>Lea</b>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input 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 <b>Temporarily abandoned</b> <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.

**Well still temporarily abandoned as reported on Form C-103 October 30, 1964.  
No plans for changing well status in near future.**

THE COMMISSION MUST BE NOTIFIED  
EVERY 90 DAYS ON FORM C-103  
AS TO THE WELL STATUS AND YOUR  
FUTURE PLANS FOR THIS WELL

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

Original Signed By **C. R. Coffey** SIGNED **C. R. Coffey** TITLE **Acting District Exploitation Engineer** DATE **June 9, 1965**

APPROVED BY  TITLE **Engineer District 1** DATE **JUN 15 1965**

CONDITIONS OF APPROVAL, IF ANY:

NUMBER OF COPIES RECEIVED	
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TRANSPORTER	OIL
	GAS
OPERATION 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 <b>Shell Oil Company</b>		Address <b>P. O. Box 1858, Roswell, New Mexico 88201</b>			
Lease <b>Priest</b>	Well No. <b>5</b>	Unit Letter <b>C</b>	Section <b>1</b>	Township <b>15S</b>	Range <b>37E</b>
Date Work Performed <b>October 23, 1964</b>	Pool <b>Denton-Wolfcamp</b>	County <b>Lea</b>			

THIS IS A REPORT OF: (Check appropriate block)

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

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

Well still temporarily abandoned as reported on Form C-103, approved October 30, 1964.  
No plans for changing well status in near future.

THIS REPORT MUST BE NOTIFIED TO THE DISTRICT OFFICE OF THE OIL CONSERVATION COMMISSION, FORM C-103, AND YOUR FUTURE PLANS.

Witnessed by	Position	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						
After Workover						

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: <b>V. L. King</b>
Title	<b>Assistant District</b>	Position	<b>Acting District Exploitation Engineer</b>
Date	<b>10/28/64</b>	Company	<b>Shell Oil Company</b>

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LAND OFFICE	
TRANSPORTER	OIL
	GAS
PROBATION 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 28 4 17 PM '64

Name of Company <b>Shell Oil Company</b>		Address <b>P. O. Box 1858, Roswell, New Mexico</b>			
Lease <b>Priest</b>	Well No. <b>5</b>	Unit Letter <b>C</b>	Section <b>1</b>	Township <b>15-S</b>	Range <b>37-E</b>
Date Work Performed <b>Oct. 21 thru 23, 1964</b>	Pool <b>Denton - Wolfcamp</b>	County <b>Lea</b>			

THIS IS A REPORT OF: (Check appropriate block)

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

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

**Pulled tubing and rods.**

**Set CIBP at 9125', disconnected flowline and installed 2" valve.**

**Well temporarily abandoned October 23, 1964.**

Witnessed by <b>H. G. Starling</b>	Position <b>Production Foreman</b>	Company <b>Shell Oil Company</b>
---------------------------------------	---------------------------------------	-------------------------------------

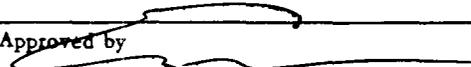
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

DF Elev.	TD	PBTD	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						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name <b>Original Signed By</b> <b>R. J. Doubek</b>	<b>R. J. Doubek</b>	
Title <b>Engineer District 1</b>	Position <b>Division Mechanical Engineer</b>		
Date <b>OCT 30 1964</b>	Company <b>Shell Oil Company</b>		

NUMBER OF COPIES RECEIVED		DISTRIBUTION	
SANTA FE			
FILE			
U.S.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
PERORATION OFFICE			
OPERATOR			

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**Santa Fe, New Mexico**

HOBBS OFFICE O.C.C.

**MISCELLANEOUS NOTICES**

OCT 20 11 31 AM '64

strict Office, Oil Conservation Commission, before the work specified is to begin. A copy will be submitted to the Bureau of Mines 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	<input checked="" type="checkbox"/>	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 (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION  
 SANTA FE, NEW MEXICO

Roswell, New Mexico  
 (Place)

October 19, 1964  
 (Date)

Gentlemen:

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

Shell Oil Company Priest Well No. 5 in G  
 (Company or Operator) Lease (Unit)  
NE 1/4 NW 1/4 of Sec. 1, T. 15, R. 37, NMPM., Danton-Wolfcamp Pool  
 (40-acre Subdivision)  
Lea County.

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

We propose to temporarily abandon well.

Approved OCT 20 1964 19.....  
 Except as follows:

Approved  
 OIL CONSERVATION COMMISSION

By.....  
 Title Engineer District I

Shell Oil Company  
 Original Signed By R. A. LOWERY R. A. Lowery  
 By.....  
 Position District Exploitation Engineer  
 Send Communications regarding well to:

Name Shell Oil Company  
 Address Box 1858 Roswell, New Mexico

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

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**MISCELLANEOUS REPORTS ON WELLS**

FORM C-103  
(Rev 3-55)

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

RECEIVED DEC 22 PM 2:41

Name of Company <b>Shell Oil Company</b>		Address <b>P. O. Box 1858, Roswell, New Mexico</b>					
Lease <b>Friest</b>	Well No. <b>5</b>	Unit Letter <b>C</b>	Section <b>1</b>	Township <b>13E</b>	Range <b>37E</b>		
Date Work Performed <b>12-11-62 thru 12-18-62</b>	Pool <b>Benton-Wolfcamp</b>			County <b>Lea</b>			

THIS IS A REPORT OF: (Check appropriate block)

<input type="checkbox"/> Beginning Drilling Operations	<input type="checkbox"/> Casing Test and Cement Job	<input type="checkbox"/> Other (Explain):
<input type="checkbox"/> Plugging	<input checked="" type="checkbox"/> Remedial Work	

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

1. Filled rods, pump and tubing.
2. Ran 2-100 grains/foot string shots over perforated interval 9168' - 9300'.
3. Ran 9400' 2" & 2 1/2" tubing & hung at 9408'. Seating nipple at 9399'.
4. Treated perforations via tubing w/1000 gallons 1% HCl.
5. Ran rods & pump.
6. Recovered load.
7. In 24 hours pumped 41 BB + 18 BW w/6-10' SW.

Witnessed by <b>K. G. Starling</b>	Position <b>Production Foreman</b>	Company <b>Shell Oil Company</b>
---------------------------------------	---------------------------------------	-------------------------------------

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. <b>3806'</b>	T D <b>9485'</b>	P B T D <b>9413'</b>	Producing Interval <b>9168' - 9300'</b>	Completion Date <b>10-7-53</b>
---------------------------	---------------------	-------------------------	--	-----------------------------------

Tubing Diameter <b>2" &amp; 2 1/2"</b>	Tubing Depth <b>9400'</b>	Oil String Diameter <b>3 1/2"</b>	Oil String Depth <b>9450'</b>
---	------------------------------	--------------------------------------	----------------------------------

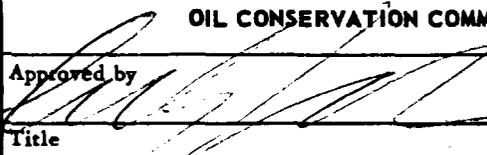
Perforated Interval(s)  
**9168' - 9180', 9200' - 9220', 9294' - 9320', 9365' - 9380'.**

Open Hole Interval <b>-</b>	Producing Formation(s) <b>Wolfcamp</b>
--------------------------------	---

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	<b>9-18-62</b>	<b>6</b>	<b>6.2</b>	<b>5</b>	<b>1033</b>	<b>-</b>
After Workover	<b>12-18-62</b>	<b>41</b>	<b>not measured</b>	<b>18</b>	<b>not measured</b>	<b>-</b>

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

<b>OIL CONSERVATION COMMISSION</b>		Name <b>R. A. Lowery</b> Original Signed By <b>R. A. LOWERY</b>	
Approved by 	Title <b>District Exploitation Engineer</b>	Position <b>District Exploitation Engineer</b>	
Date <b>12 2 1962</b>	Company <b>Shell Oil Company</b>		

NUMBER OF COPIES RECEIVED	
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FILE	
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LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

## 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		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Roswell, New Mexico

December 11, 1962

(Place)

(Date)

Gentlemen:

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

Shell Oil Company

Priest

Well No. 5 in C

(Company or Operator)

NE NW I 158 37E Denton-Wolfcamp Pool

(40-acre Subdivision)

(Unit)

Lea

County.

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

#### PROPOSED OPERATION

1. Pull rods, pump and tubing.
2. Run 2-100 grains/foot string shots over perforated interval.
3. Treat w/1000 gallons F. E. Acid.
4. Place on production.

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

Approved  
OIL CONSERVATION COMMISSION  
*[Signature]*  
Title.....

Shell Oil Company

Company or Operator

By R. A. Lowery Original Signed 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

Oil Production, bbls. per day	36	52
Gas Production, Mcf per day	11,412	
Water Production, bbls. per day		
Gas-Oil Ratio, cu. ft. per bbl.	317	
Gas Well Potential, Mcf per day		

Witnessed by Ray Moore

Shell Oil Company  
(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 Engineer District  
Date SEP 21 1962

Name R. L. Elkins ORIGINAL SIGNED BY R. L. ELKINS  
Position Division Mechanical Engineer  
Company Shell Oil Company

**DUPLICATE**

**ILLEGIBLE**

(Form C-110)  
(Revised 7/1/52)

NEW MEXIC

MISSION

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..... **A. E. Priest** .....

Address..... **Box 1937, Hobbs, New Mexico** ..... **Box 1909, Midland, Texas** .....  
(Local or Field Office) (Principal Place of Business)

Unit..... **20**, Well No. **5**, Sec. **1**, T. **-15-S, R. -17-S**, Pool. **Denton-Talfer** .....

County..... **San** ..... 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 98-1, Paragraph 9, Rule 1109, Section (A).**

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..... **MAR 31 1954** ....., 19.....

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** .....

(See Instructions on Reverse Side)


AREA 640 ACRES  
LOCATE WELL CORRECTLY

**ILLEGIBLE**

**RECEIVED**  
OCT 13 1953  
OIL CONSERVATION COMMISSION  
HOBBS OFFICE

**DUPLICATE**

Santa Fe, New Mexico  
**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.

**Shell Oil Company**  
(Company or Operator) **A. R. Frazier**

Well No. **5**, in **SE** 1/4 of **SW** 1/4, of Sec. **1**, T. **-15-N**, R. **-37-W**, NMPM.  
**Denton-Wolfcamp** Pool, **100** County.

Well is **660'** feet from **North** line and **1900'** feet from **West** line  
of Section **1**. If State Land the Oil and Gas Lease No. is \_\_\_\_\_

Drilling Commenced **1-24**, 19 **52** Drilling was Completed **3-17**, 19 **53**

Name of Drilling Contractor **Company Seals, Rig # 22**

Address **Box 1509, Midland, Texas**

Elevation above sea level at Top of Tubing Head **3796**. The information given is to be kept confidential until **not confidential**, 19 \_\_\_\_\_

**OIL SANDS OR ZONES**

No. 1, from **9168** to **9380** 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.

**CASING RECORD**

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<b>17 3/8"</b>	<b>464</b>	<b>NEW</b>	<b>352'</b>				<b>Surface String</b>
<b>8 5/8"</b>	<b>324</b>	<b>NEW</b>	<b>4789'</b>				<b>Salt String</b>
<b>5 1/2"</b>	<b>15.5 4174</b>	<b>NEW</b>	<b>9430'</b>			<b>9168' - 9380'</b>	<b>Oil String</b>

**MUDDING AND CEMENTING RECORD**

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>17 1/4"</b>	<b>13 3/8"</b>	<b>355'</b>	<b>350</b>	<b>Pump &amp; Plug</b>	<b>Cemented to Surface</b>	
<b>11"</b>	<b>8 5/8"</b>	<b>4800'</b>	<b>1700</b>	<b>Pump &amp; Plug</b>	<b>Cemented to Surface</b>	
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>9430'</b>	<b>275</b>	<b>Pump &amp; Plug</b>		

**RECORD OF PRODUCTION AND STIMULATION**

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

**Treated thru casing perforations 9168' - 9380' w/total of 4500 gals. Channel acid and 27,500 gals. 15% non-emulsion acid.**

Result of Production Stimulation **On 24 hour OFT pumped 88 BC, out 0.1% BS, no water, w/9-10' GFL. Gravity 43.9 deg., GR 25%.**

Depth Cleaned Out \_\_\_\_\_



DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

RECEIVED  
OCT 13 1953  
OIL CONSERVATION COMMISSION  
HOBBES OFFICE

REQUEST FOR (OIL) - (GAS) ALLOWABLE

This form shall be submitted by the operator before an initial allowable will be assigned to an oil well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was submitted. An 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 (Place) 10-8-53 (Date)

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

Shell Oil Company (Company or Operator) A. R. Priest, Well No. 1, in NE 1/4 NW 1/4, Sec. 1, T. 15-N, R. 37-E, NMPM, Denton-Walscamp Pool, Lea County. Date Spudded 1-24-53, Date Completed 10-7-53

Please indicate location:

Section 1


Elevation 3806 Total Depth 9485'

Top oil pay 9168 Prod. Form Walscamp

Casing Perforations: 9168' - 9390'

Depth to Casing shoe of Prod. String

Natural Prod. Test BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot BOPD

Based on bbls. Oil in 24 Hrs. Mins.

Gas Well Potential

Size choke in inches Pump 9-10' RPM

Date first oil run to tanks or gas to Transmission system: 3-25-53

Transporter taking Oil or Gas: Service Pipe Line

Remarks:

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

Approved OCT 13 1953, 19

Shell Oil Company (Company or Operator)

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

OIL CONSERVATION COMMISSION

By: J. G. Stanley Engineer District 1

Title: Division Exploitation Engineer Send Communications regarding well to:

Name: Shell Oil Company

Address: Box 1957, Hobbs, New Mexico

**DUPLICATE**

NEW MEXICO

**ILLEGIBLE**

MISSION

Santa Fe, New Mexico

(Form C-110)  
 RECEIVED  
 OCT 13 1953  
 OIL CONSERVATION COMMISSION  
 HOBBS-OFFICE

It is necessary that Form C-104 be approved before this form can be approved an initial allowable be assigned to a well. Submit this form in QUADRUPPLICATE.

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

Company or Operator Shell Oil Company Lease A. E. Priest

Address Box 1977, Hobbs, New Mexico Box 1509, Midland, Texas  
(Local or Field Office) (Principal Place of Business)

Unit 6, Well 6 No. 5, Sec. 1, T. 15-S, R. 37-E, Pool Denton-Wolfcamp

County Lea Kind of Lease: Patented

If Oil well Location of Tanks Center of west half of lease

Authorized Transporter Service Pipe Line - Amoco Pipeline Co. Address of Transporter  
Box 38, Denver City, Texas Box 177, 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 10-7-53.

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

Executed this the 8th day of October, 1953

Approved OCT 13 1953, 1953

Shell Oil Company

OIL CONSERVATION COMMISSION  
 By J. G. Stanley  
 Title Engineer District 1

By J. B. Savage ORIGINAL SIGNED BY  
 Title Division Exploitation Engineer

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

**RECEIVED**  
OCT 13 1953  
OIL CONSERVATION COMMISSION  
HOBBE OFFICE  
Form C-103  
Revised 7/1/52

**MISCELLANEOUS REPORTS ON WELLS**

HOBBE 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		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) <b>ACIDIZING</b>	<b>X</b>

**October 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)

**A. E. Priest**

(Lease)

**Company Tools**

(Contractor)

Well No. **5** in the **NE**  $\frac{1}{4}$  **NE**  $\frac{1}{4}$  of Sec. **1**

**T-15-A, R.-37-A, NMPM, Denton-Wolfcamp** Pool, **Lin** County.

The Dates of this work were as follows: **3-25-53, 3-28-53, 4-25-53, 9-22-53**

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

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

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Following treatments thru casing perforations 9168' - 9180', 9200' - 9220', 9294' - 9320', 9365' - 9380':

- Tr w/2000 gals. 15% non-emulsion acid. Swabbed 90 BF, out 5% acid water, in 9 hours.
- Tr w/5000 gals. 15% non-emulsion acid. Swabbed 6 1/2 BF, out 6% water, in 8 hours.
- Tr w/500 gals. 15% non-swelling LST acid followed by 1500 gals. Channel acid followed by 5000 gals. 15% non-swelling LST acid. Swabbed 10 BF, out 3% BS, in 5 hours.
- Tr w/3000 gals. Channel acid followed by 15,000 gals. 15% non-swelling, non-emulsion LST acid. On potential test pumped 88 BF in 24 hours.

Witnessed by **H. G. Starling**  
(Name)

**Shell Oil Company**  
(Company)

**Production Foreman**  
(Title)

Approved: OIL CONSERVATION COMMISSION

*H. G. Starling*  
(Name)

Engineer District ]

(Title)

OCT 13 1953

(Date)

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

Name **J. D. Savage** ORIGINAL SIGNED BY **J. D. 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**  
MAR 25 1953  
OIL CONSERVATION COMMISSION  
HOBBAS 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 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) <b>5 1/2" CASING</b>	<b>X</b>

March 24, 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)

Priest  
(Lease)

Shell Company Rig No. 22  
(Contractor)

Well No. 5 in the NE 1/4 NW 1/4 of Sec. 1

T. 15-S, R. 37-E, NPM, Denton Wolfcamp Pool, Lea County.

The Dates of this work were as follows: March 24, 1953

Notice of intention to do the work (was) ~~approved~~ submitted on Form C-102 on March 23, 19 53  
(Cross out incorrect words)

and approval of the proposed plan (was) ~~obtained~~ obtained.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Perforated **5 1/2"** casing opposite the Wolfcamp Pay Zone from 9168' - 9180', 9200' - 9220', 9294' - 9320', and 9365' - 9380' with 4 - 21 gram jet shots per foot.

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

Approved: NOY YARBROCK  
OIL CONSERVATION COMMISSION  
(Name)  
Gas Inspector  
(Title)  
MAR 30 1953  
(Date)

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

MISCELLANEOUS REPORTS ON WELLS MAR 25 1953

Submit this report in TRIPPLICATE 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 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 24, 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) Priest (Lease)  
Shell Company Rig No. 22, Well No. 5 in the NE 1/4 NW 1/4 of Sec. 1  
T15-S, R. 37-E, NPM, Denton Wolfcamp Pool, Lea County.

The Dates of this work were as follows: March 21, 1953

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 9439' of 5 1/2" casing and cemented at 9450' with 275 sacks of neat cement. After WOC 12 hours ran temperature survey and found top of cement at 8303'. After WOC 26 hours ran stretch test and estimated freeze point at 8350'. After WOC 48 hours dressed plug to 9409' and tested casing with 1500 psi for 30 minutes. Test OK.

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

Approved: Roy Yankovich (Name)  
Oil & Gas Inspector (Title)  
MAR 25 1953 (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.  
F. D. Leigh (Name)  
Division Mechanical Engineer (Position)  
Shell Oil Company (Representing)  
Box 1957, Hobbs, New Mexico (Address)

**DUPLICATE**

**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		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE	<b>X</b>	NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Hobbs, New Mexico  
(Place)

March 23, 1953  
(Date)

Gentlemen:

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

Shell Oil Company  
(Company or Operator)

Priest Well No. 5 in "C" (Unit)

NE 1/4 NW 1/4 of Sec. 1, T. 15-S, R. 37-E, NMPM., Danton Wolfcamp Pool

Lea 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 Wolfcamp Pay Zone from 9168' - 9380' with 4 - 21 gram jet shots per foot.

MAR 24 1953

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

Approved  
OIL CONSERVATION COMMISSION  
By Roy Yarbrough  
Title.....

Shell Oil Company  
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  
FEB 11 1953  
OIL CONSERVATION COMMISSION  
HOBBS-OFFICE  
Form C-103  
Revised 7/1/52

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)	

February 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)

Priest

(Lease)

Company Rig No. 22

(Contractor)

Well No. 5 in the NE 1/4 NW 1/4 of Sec. 1

T. 15-S, R. 37-E, NMPM, Denton Wolfcamp Pool, Lea County.

The Dates of this work were as follows: February 7, 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 4787' of 8-5/8" casing and cemented at 4800' with 1400 sacks of 1/2 gal and 300 sacks of neat cement. Circulated out an estimated 240 sacks of cement. After WOC 36 hours tested casing and cement with 1000 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

Roy Yarbrough  
(Name)  
Oil & Gas Inspector  
(Title)

FEB 11 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

**RECEIVED**  
JAN 29 1953

**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)	

January 27, 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)

Priest  
(Lease)

Company Rig No. 22  
(Contractor)

Well No. 5 in the NE  $\frac{1}{4}$  NV  $\frac{1}{4}$  of Sec. 1

T. 15-S, R. 37-E, NMPM, Denton Wolfcamp Pool, Lea County.

The Dates of this work were as follows: January 25, 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 352' of 13-3/8" casing and cemented at 355' with 350 sacks of neat cement. Circulated cement. Tested casing with 1000 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

Roy Zurbrough  
(Name)

(Title)

(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

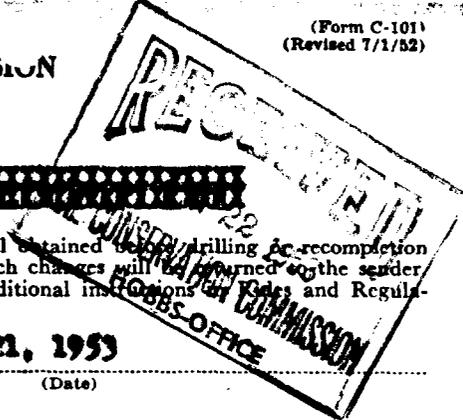
Address Box 1957, Hobbs, New Mexico

**DUPLICATE**

NEW MEXICO

**ILLEGIBLE**

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 and Regulations of the Commission.

**Hobbs, New Mexico**

**January 21, 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)

**Priest**  
(Lease)

Well No. **5**, in **8** (Unit)

The well is

located **660'** feet from the **North** line and **1980'** feet from the **West** line of Section **1**, T. **15-N**, R. **37-E**, NMPM.

(GIVE LOCATION FROM SECTION LINE)

**Denton** Pool, **Leon** County

**R - 37 - B**

D	K	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 **Priest**  
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 **Wolfcamp** formation at an approximate depth of **9485'** 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	4800'	3100
7 7/8"	5 1/2"	15.5 & 17#	New	9485'	850

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.)

**The 5 1/2-inch liner will be hung in the 8 5/8-inch casing at approximately 4600 feet as a long liner oil string completion.**

**JAN 26 1953**

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

OIL CONSERVATION COMMISSION  
By **Roy Yarrrough**  
Title

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**

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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

30-025-05264

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 <b>Polaris Production Corp.</b> 3. Address of Operator <b>P. O. Box 1749, Midland, Texas 79701</b> 4. Location of Well UNIT LETTER <u>G</u> <u>2286</u> FEET FROM THE <u>North</u> LINE AND <u>1660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>3</u> TOWNSHIP <u>15-S</u> RANGE <u>37-E</u> NMPM. 15. Elevation (Show whether DF, RT, GR, etc.) <b>3872 DF</b>	7. Unit Agreement Name 8. Farm or Lease Name <b>Argo</b> 9. Well No. <b>3</b> 10. Field and Pool, or Wildcat <b>Denton Devonian</b> 12. County <b>Lea</b>
--	---

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 [Signature] TITLE Engineer DATE 11-22-76  
 APPROVED BY Jerry Sexton TITLE \_\_\_\_\_ DATE NOV 24 1976  
 CONDITIONS OF APPROVAL, IF ANY: 1, Supr.

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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  GAS WELL  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 G 2286 FEET FROM THE North LINE AND 1660 FEET FROM  
THE East LINE, SECTION 3 TOWNSHIP 15-S RANGE 37-E NMPM.

7. Unit Agreement Name  
Argo

8. Farm or Lease Name  
Argo

9. Well No.  
3

10. Field and Pool, or Wildcat  
Denton Devonian

15. Elevation (Show whether DF, RT, GR, etc.)  
3827' 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 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>Temporarily Abandoned</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.

Well still temporarily abandoned as reported on Form C-103, approved February 23, 1965. No plans for changing well status at this time.

*Expires 10/1/75*

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

SIGNED [Signature] TITLE President DATE 3-24-75

APPROVED BY Joe D. Ramey TITLE Dist. I, Supv. DATE MAR 26 1975

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  
 Effective 1-1-65

I. Operator  
**Polaris Production Corp.**  
 Address  
**P. O. Box 1749, 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

If change of ownership give name and address of previous owner **Shell Oil Company, P. O. Box 1810, Midland, Texas 79701**

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Argo</b>	Well No. <b>3</b>	Pool Name, Including Formation <b>Denton Devonian</b>	Kind of Lease State, Federal or Fee <b>Fee</b>	Lease No.
Location Unit Letter <b>G</b> ; <b>2286'</b> Feet From The <b>North</b> Line and <b>1660</b> Feet From The <b>East</b> Line of Section <b>3</b> Township <b>15-S</b> Range <b>37-E</b> , 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"/> <b>Amoco Production Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 1725, Midland, Texas 79701</b>			
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Tipperary Corporation</b>	Address (Give address to which approved copy of this form is to be sent) <b>500 W. Illinois, Midland, Texas 79701</b>			
If well produces oil or liquids, give location of tanks.	Unit <b>A</b>	Sec. <b>3</b>	Twp. <b>15-S</b>	Rge. <b>37-E</b>
	Is gas actually connected? <b>Yes</b>		When <b>Unknown</b>	

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/MCF	Quantity 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)*  
**Davis Payne**  
 President  
 November 6, 1974  
 (Date)

OIL CONSERVATION COMMISSION  
 NOV 8 1974  
 APPROVED BY *(Signature)*  
**Joe D. Ramey**  
 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 deeper 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 all wells on new and recompleted wells. Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of condition. This form must be filed for each pool in multi-

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

HUBBS OFFICE O. C. C.  
JUN 26 8 58 AM '67

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 <b>Shell Oil Company (Western Division)</b>	8. Farm or Lease Name <b>Argo</b>
3. Address of Operator <b>P. O. Box 1509, Midland, Texas 79701</b>	9. Well No. <b>3</b>
4. Location of Well UNIT LETTER <b>G</b> , <b>2286</b> FEET FROM THE <b>north</b> LINE AND <b>1660</b> FEET FROM THE <b>east</b> LINE, SECTION <b>3</b> TOWNSHIP <b>15S</b> RANGE <b>37E</b> NMPM.	10. Field and Pool, or Wildcat <b>Denton-Devonian</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3827' DF</b>	12. County <b>Lee</b>

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <u>Temporarily Abandoned</u> <input checked="" type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUS 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.

Well still temporarily abandoned as reported on Form C-103, approved February 23, 1965.

No plans for changing well status in near future.

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

SIGNED N. W. Harrison N. W. Harrison TITLE Staff Exploitation Engineer DATE June 20, 1967

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE JUN 28 1967

CONDITIONS OF APPROVAL, IF ANY:

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LAND OFFICE		
OPERATOR		

LANDS OFFICE O. G. C.  
NEW MEXICO OIL CONSERVATION COMMISSION

DEC 21 11 49 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 Argo
3. Address of Operator P. O. Box 1509, Midland, Texas 79701	9. Well No. 3
4. Location of Well UNIT LETTER <u>G</u> FEET FROM THE <u>2286</u> LINE AND <u>north</u> FEET FROM <u>1660</u> THE <u>east</u> LINE, SECTION <u>3</u> TOWNSHIP <u>15S</u> RANGE <u>37E</u> NMPM.	10. Field and Pool, or Wildcat Denton-Devonian
15. Elevation (Show whether DF, RT, GR, 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  PLUG AND ABANDON   
 TEMPORARILY ABANDON  CHANGE PLANS   
 PULL OR ALTER CASING   
 OTHER \_\_\_\_\_

SUBSEQUENT REPORT OF:

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

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 1105.

Well still temporarily abandoned as reported on Form C-103, approved February 23, 1965.  
No plans for changing well status in near future.

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

N. W. Harrison Senior Exploitation Engineer

December 15, 1966

SIGNED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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NOV 21 1966

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LAND OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION C.**

JUN 15 12 59 PM '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  GAS WELL  OTHER

2. Name of Operator  
**Shell Oil Company (Western Division)**

3. Address of Operator  
**P. O. Box 1509, Midland, Texas 79701**

4. Location of Well  
UNIT LETTER **C** FEET FROM THE **north** LINE AND **1660** FEET FROM  
THE **east** LINE, SECTION **3** TOWNSHIP **15S** RANGE **37E** NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)  
**3827' DF**

7. Unit Agreement Name

8. Farm or Lease Name  
**Argo**

9. Well No.  
**3**

10. Field and Pool, or Wildcat  
**Danton-Davonish**

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 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 <b>Temporarily Abandoned</b> <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.

**Well still temporarily abandoned as reported on Form C-103, approved February 23, 1965.**

**No plans for changing well status in near future.**

THE COMMISSION MUST BE NOTIFIED  
EVERY 6 MONTHS ON FORM C-103  
AS TO THE WELL STATUS AND YOUR  
FUTURE PLANS FOR THIS WELL.

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 June 6, 1966

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

ORIGINAL & THREE COPIES  
SIGNATURE IN FULL DATE OF RECEIPT

JUN 17 1966

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LAND OFFICE		
OPERATOR		

HOBBS OFFICE O. C. C.

NEW MEXICO OIL CONSERVATION COMMISSION

DEC 8 11 54 AM '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 <b>Shell Oil Company - Western Division</b>	8. Farm or Lease Name <b>Argo</b>
3. Address of Operator <b>P. O. Box 1509 - Midland, Texas 79704</b>	9. Well No. <b>3</b>
4. Location of Well UNIT LETTER <b>G</b> , <b>2286</b> FEET FROM THE <b>north</b> LINE AND <b>1660</b> FEET FROM THE <b>east</b> LINE, SECTION <b>3</b> TOWNSHIP <b>15S</b> RANGE <b>37E</b> NMPM.	10. Field and Pool, or Wildcat <b>Denton-Devonian</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3827' DF</b>	12. County <b>Les</b>

16.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input 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 <u>Temporarily Abandoned</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.

**Well still temporarily abandoned as reported on Form C-103, approved**

**February 23, 1965.**

**No plans for changing well status in near future.**

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

Original Signed By

**J. D. DUREN**

SIGNED J. D. Duren TITLE Staff Exploitation Engineer DATE December 2, 1965

APPROVED BY [Signature] TITLE Engineer District 1 DATE DEC 8 1965

CONDITIONS OF APPROVAL, IF ANY:

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL COMMISSION

**FEB 23 9 00 AM '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 <b>Shell Oil Company</b>	8. Farm or Lease Name <b>Argo</b>
3. Address of Operator <b>Box 1858 - Roswell, New Mexico</b>	9. Well No. <b>3</b>
4. Location of Well UNIT LETTER <b>G</b> <b>2286</b> FEET FROM THE <b>north</b> LINE AND <b>1660</b> FEET FROM THE <b>east</b> LINE, SECTION <b>3</b> TOWNSHIP <b>15 S</b> RANGE <b>37 E</b> NMPM.	10. Field and Pool, or Wildcat <b>Denton-Devonian</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3827' df</b>	12. County <b>Lea</b>

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input 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 <b>Temporarily abandon</b> <input checked="" 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.

**Pulled all tubing and pump. Removed wellhead and installed valve. Well T.A., February 18, 1965.**

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

SIGNED Original Signed By **P. J. Doubek** **R. J. Doubek** TITLE Division Mechanical Engr. DATE Feb. 19, 1965

APPROVED BY *Joe Ramsey* TITLE DISTRICT DATE FEB 25 1965

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <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"/>
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>		5. State Oil & Gas Lease No. -
2. Name of Operator <b>Shell Oil Company</b>		7. Unit Agreement Name -
3. Address of Operator <b>P. O. Box 1858, Roswell, New Mexico 88201</b>		8. Farm or Lease Name <b>Argo</b>
4. Location of Well UNIT LETTER <b>G</b> <b>2286</b> FEET FROM THE <b>north</b> LINE AND <b>1660</b> FEET FROM THE <b>east</b> LINE, SECTION <b>3</b> TOWNSHIP <b>15-S</b> RANGE <b>37-E</b> NMPM.		9. Well No. <b>3</b>
		10. Field and Pool, or Wildcat <b>Denton-Devonian</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3827' df</b>		12. County <b>Lea</b>

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

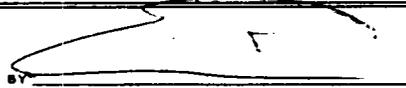
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>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

**We propose to temporarily abandon.**

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

Original Signed By **R. A. LOWERY** **R. A. Lowery** TITLE **District Exploitation Engineer** DATE **February 11, 1965**

APPROVED BY  TITLE **Engineer District 1** DATE **FEB 11 1965**

CONDITIONS OF APPROVAL, IF ANY:

**DUPLICATE**

MISCELLANEOUS REPORTS ON WELLS  
HOBBS OFFICE OCC

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

Name of Company <b>Shell Oil Company</b>		Address <b>Box 845, Roswell, New Mexico</b>				
Lease <b>Argo</b>	Well No. <b>3</b>	Unit Letter <b>0</b>	Section <b>3</b>	Township <b>15</b>	Range <b>37E</b>	
Date Work Performed <b>8-1-60 thru 8-17-60</b>	Pool <b>Danton-Devonian</b>			County <b>Lea</b>		

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.

Pulled rods, pump & tubing. Ran tubing w/Lynes Straddle packers (2" tubing 10,768' - 12,504' 2 1/2" tubing 10,768' - surface). Top of Lynes tool 12,504' - 12,526'. Top packer 12,526' - 12,530', Bottom packer 12,611' - 12,615', Tail Pipe 12,615' - 12,620', Set packers 12,615' - TD. Swabbed 100% water. Closed off section below 12,615' and opened between 12,525' - 12,615'. In 16 hours swabbed 167 BW. Reset packers 12,530' (bottom), 12,462' (top). Swabbed 100% water. Pulled tubing and packers. Ran 2" tubing (1736') 10,790' - 12,526', 2 1/2" tubing (4223') 6567' - 10,790', Lynes Production packer 12,526' - 12,530', 2" Sweet Side Door Choke Nipple w/4 Ports 6564' - 6567', 2 1/2" x 2 1/4" Fluid Packed Pump Barrel 6522' - 6564', 2 1/2" tubing (6522') to surface, 2 1/2" x 6" Plunger and original rods. Did not acidize.

In 2 1/2 hours pumped 28 BO + 691 BW w/6-23' SPM.

Witnessed by <b>H. G. Starling</b>	Position <b>Production Foreman</b>	Company <b>Shell Oil Company</b>
---------------------------------------	---------------------------------------	-------------------------------------

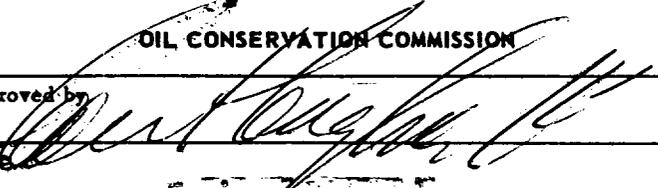
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. <b>3827'</b>	TD <b>12,688'</b>	PBTD <b>-</b>	Producing Interval <b>12,488' - 12,688'</b>	Completion Date <b>12-18-52</b>
Tubing Diameter <b>2" &amp; 2 1/2"</b>	Tubing Depth <b>6805'</b>	Oil String Diameter <b>5 1/2"</b>	Oil String Depth <b>12,512'</b>	
Perforated Interval(s) <b>12,488' - 12,498'</b>				
Open Hole Interval <b>12,512' - 12,688'</b>			Producing Formation(s) <b>Devonian</b>	

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	<b>5-19-60</b>	<b>20</b>	<b>64.2</b>	<b>539</b>	<b>3209</b>	<b>-</b>
After Workover	<b>8-17-60</b>	<b>28</b>	<b>not measured</b>	<b>691</b>	<b>not measured</b>	<b>-</b>

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.				
Approved by 	Name <b>R. A. Lowery</b>		Original Signed By <b>R. A. LOWERY</b>			
Title <b>Engineer</b>	Position <b>District Exploitation Engineer</b>		Company <b>Shell Oil Company</b>			
Date <b>AUG 23 1960</b>						

TRIPPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBES OFFICE 000

MISCELLANEOUS NOTICES

JUL 25 AM 9:29

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	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  
(Place)

July 25, 1960  
(Date)

Gentlemen:

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

Shell Oil Company Argo Well No. 3 in 0  
 (Company or Operator) Lessee (Unit)

SW 1/4 NE 1/4 of Sec. 3, T. 15S, R. 37E, NMPM., Denton-Davonian Pool  
 (40-acre Subdivision)

Lea County.

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

PROPOSED OPERATION:

1. Pull rods, pump & tubing. Run Caliper Survey of open hole.
2. Run tubing w/lynex straddle packers, set packers @ 12,525' & 12,613'.
3. Swab test below and between packers. If warranted, acidize and test.
4. Move packers, reset at 12,437' & 12,525'. Swab test between packers.
5. Contingent upon swab testing, acidize as warranted.
6. Swab test.
7. Pull tubing & packers.
8. If warranted from swab tests, plug back open hole w/cement and hydromite. Cap plug using Welax squeeze tool.
9. Place well on production.

JUL 26 1960

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

Approved  
OIL CONSERVATION COMMISSION

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

Shell Oil Company  
Company or Operator Original signed By

By..... R. A. Lowery B. A. LOWERY

Position..... District Exploitation Engineer  
Send Communications regarding well to:

Name..... Shell Oil Company

Address..... Box 845, Roswell, New Mexico

Engineer District 1

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

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

HOBBS OFFICE  
DEC 3 AM 8:01

COMPANY Shell Oil Company Box 1957 Hebbs, New Mexico  
(Address)

LEASE Arge WELL NO. 3 UNIT 9 S-3 T-15-S R-37-E

DATE WORK PERFORMED November 27, 1956 POOL Denton

This is a Report of: (Check appropriate block)  Results of Test of Casing Shut-off  
 Beginning Drilling Operations  Remedial Work  
 Plugging  Other Perforate 5-1/2" casing

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

Perforated 5-1/2" casing opposite the Devonian Pay Zone from 12,496' - 12,506' (Western Collar Log Depths) with 4 jet shots per foot.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by <u>H. G. Starling</u> Production Foreman <u>Shell Oil Company</u> (Company)		

OIL CONSERVATION COMMISSION  
Name R. F. Montgomery  
Title PRODUCTION MANAGER  
Date DEC 3 1956

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name S. G. Stiles ORIGINAL SIGNED BY S. G. STILES  
Position Division Mechanical Engineer  
Company Shell Oil Company

**TRIPPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**

Santa Fe, New Mexico

HOBBS OFFICE OCC

**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		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)

November 22, 1956  
(Date)

Gentlemen:

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

Shell Oil Company Arge Well No. 3 in 40\*  
(Company or Operator) (Unit)

SW  $\frac{1}{4}$  NE  $\frac{1}{4}$  of Sec. 3, 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 perforate 5-1/2" casing opposite the Devonian Pay Zone from 12,488' - 12,498' with 4 jet shots per foot.**

NOV 27 1956

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

Approved  
OIL CONSERVATION COMMISSION

By S. J. Fisher  
Title Engineer District 11

Shell Oil Company  
Company or Operator

By S. G. Stiles ORIGINAL SIGNED BY  
S. G. STILES

Position Division Mechanical Engineer  
Send Communications regarding well to:

Name Shell Oil Company

Address Box 1957, Hobbs, New Mexico

**DUPLICATE**

NEW MEXI

**ILLEGIBLE**

SION

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 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 APD

Address Box 1977, Hobbs, New Mexico Box 1500, Midland, Texas  
(Local or Field Office) (Principal Place of Business)

Unit 0, Well(s) No. 3, Sec. 3, T-15-N, R-37-N, Pool Denton-Welfcamp

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 R-98-A, Paragraph 9, Rule 1109, Section (A).**

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 29 1954, 19

OIL CONSERVATION COMMISSION  
By J. G. Stanley  
Title Engineer District 1

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

# ILLEGIBLE

NATIONAL OIL CONSERVATION COMMISSION  
with Mexico




## 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

**Shell Oil Company**  
(Company or Operator)

**APR**  
(Lease)

Well No. **3** in **SW** 1/4 of **SE** 1/4 of Sec. **3**, T. **13-N**, R. **37-E**, NMPM.

**Denton** Pool, **Lee** County.

Well is **2286** feet from **North** line and **1660** feet from **East** line of Section **3**. If State Land the Oil and Gas Lease No. is \_\_\_\_\_

Drilling Commenced **8-3**, 19**52** Drilling was Completed **10-11**, 19**52**

Name of Drilling Contractor **Company Tools**

Address **Box 1909, Midland, Texas**

Elevation above sea level at Top of Tubing Head **3016**. The information given is to be kept confidential until **Not confidential**, 19**52**

### OIL SANDS OR ZONES

No. 1, from **12,477** to **12,600** 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	40#	New	345'				Surface String
8-5/8	32#	New	4812'				Salt String
5-1/2	15.5 & 17#	New	12,502'	Larkin			Oil String
2-3/8	4.7#	New	12,473'	Hang & 12,604'		12,645-12,653'	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
17-1/2	13-3/8	398'	325	Pump & Plug	Cemented to surface.	
11	8-5/8	4826'	3400	Pump & Plug	Cemented to surface.	
7-7/8	5-1/2	12,512'	650	Pump & Plug		

### RECORD OF PRODUCTION AND STIMULATION

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

**None**

Result of Production Stimulation \_\_\_\_\_

Depth Cleaned Out \_\_\_\_\_

WELL LOG SHEET AND SPECIAL TESTS

If drill logs 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 12,600 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing 12-18 1952  
 OIL WELL: The production during the first 24 hours was \_\_\_\_\_ barrels of liquid of which 99.8% was  
 was oil; \_\_\_\_\_% was gas; \_\_\_\_\_% water; and \_\_\_\_\_% was sediment. A.P.I.

Gravity 46.2 API 50.8 70.0

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 11,477 (-2650')	T. Ojo Alamo	
T. Salt	T. Silurian	T. Kirtland-Fruitland	
B. Salt	T. Montoya	T. Farmington	
T. Yates 1000 (-2450')	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. Wolfcamp Line 9387 (-3332')	T. Morrison	
T. Drinkard	T. _____	T. Penn	
T. Tubbs	T. _____	T. _____	
T. Abo 8110 (-4203')	T. _____	T. _____	
T. Penn	T. _____	T. _____	
T. Miss 11,575 (-7748')	T. _____	T. _____	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	4500	4500	Surface Sand, Red Beds, Salt & Anhydrite				
4500	8100	3600	Dolomite				
8100	9200	1100	Shale & Dolomite				
9200	9390	190	Dolomite				
9390	9650	260	Lime & Dolomite				
9650	10000	350	Lime & Shale				
10000	10400	400	Dolomite				
10400	11500	1100	Lime				
11500	11850	350	Lime & Shale				
11850	12250	400	Lime & Shale				
12250	12400	150	Shale				
12400	12600	200	Dolomite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

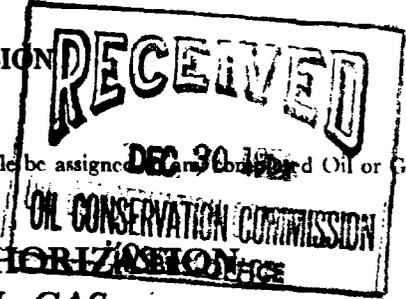
I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

December 29, 1952 (Date)

Company or Operator Shell Oil Company Address Box 1957, Hobbs, New Mexico  
 Name J. D. Savage J. D. Savage Position or Title Division Exploitation Engineer

ILLEGIBLE

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 allowable be assigned and bonded 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 ARG

Address Box 1957, Hobbs, New Mexico Box 1509, Midland, Texas  
(Local or Field Office) (Principal Place of Business)

Unit 2, Well(s) No. 3, Sec. 3, T. 15-S, R. 37-E, Pool Donkey

County Lea Kind of Lease: Patented

If Oil well Location of Tanks E/2 of Lease

Authorized Transporter Service Pipe Line Amoco Pipeline Co 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 effective 12-18-52.**

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

Executed this the December 29, day of 1952

Approved 12-30, 1952

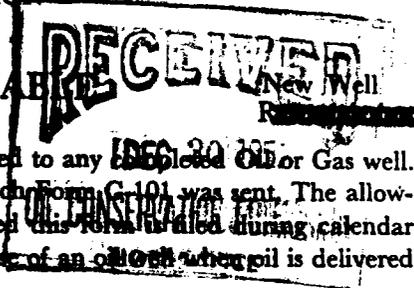
OIL CONSERVATION COMMISSION  
By Ray O. Yankraugh  
Title Oil & Gas Inspector

By J. D. Savage  
Title Division Exploitation Engineer

NEW MEXICO

# ILLEGIBLE

## 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 (Place) 12-29-52 (Date)

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

Shell Oil Company (Company or Operator) Argo (Lease), Well No. 3, in SW 1/4 NE 1/4,  
0 (Unit), Sec. 3, T. 15-S, R. 37-E, NMPM, Denton Pool  
Lee County. Date Spudded 8-3-52, Date Completed 12-18-52

Please indicate location:


Elevation 3827 Total Depth 12,600' P.B.

Top oil/gas pay 12,477' Prod. Form Dentonian

Casing Perforations: - or

Depth to Casing shoe of Prod. String 12,512'

Natural Prod. Test 806 BOPD

based on 403 bbls. Oil in 12 Hrs. 0 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: 12-18-52

Transporter taking Oil or Gas: Service Pipe Line

### Casing and Cementing Record

Size	Feet	Sax
<u>13-3/8</u>	<u>398</u>	<u>325</u>
<u>8-5/8</u>	<u>4826</u>	<u>3400</u>
<u>5-1/2</u>	<u>12,512</u>	<u>650</u>

Remarks: \_\_\_\_\_

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

Approved 12-30, 1952 Shell Oil Company (Company or Operator)

OIL CONSERVATION COMMISSION  
By: Roy Yarbrough  
Title: Oil & Gas Inspector

By: J. D. Savage (Signature)  
Title: Division Exploitation Eng.  
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 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)	

December 18, 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)

Argo  
(Lease)

Company Rig No. 14  
(Contractor)

Well No. 3 in the NW  $\frac{1}{4}$  NE  $\frac{1}{4}$  of Sec. 3

T 15-S, R 37-E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: December 14, 1952

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

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Ran 12,502 feet of 5 $\frac{1}{2}$ " casing and cemented at 12,512 feet with 450 sacks of 4/8 gel and 200 sacks of neat. After WOC 9 hours ran temperature survey and found top of cement at 8487 feet in annulus. After WOC 36 hours ran freeze test and calculated freeze point at 9760 feet. After WOC total 72 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

Roy Yarrrough  
(Name)  
Oil & Gas Inspector  
(Title)  
DEC 18 1952  
(Date)

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

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

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**RECEIVED**  
AUG 21 1952  
OIL CONSERVATION COMMISSION  
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, 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 19, 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) Argo (Lease)  
Company Rig No. 14 (Contractor), Well No. 3 in the SW 1/4 NE 1/4 of Sec. 3  
T. 15-S, R. 37-E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: August 16, 1952

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 4812' of 8-5/8" casing and cemented with 2900 sacks of 4 1/2 gal and 500 sacks of cement. Circulated out an estimated 450 sacks of 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 (Name) Shell Oil Company (Company) Production Foreman (Title)

Approved: OIL CONSERVATION COMMISSION  
Ray Yarbrough (Name)  
Oil & Gas Inspector (Title)  
AUG 21 1952 (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name: R. D. Litch  
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 8 1952  
OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

Submit this report in **TRIPPLICATE** to the District Office, Oil Conservation Commission, within 100 days of completion. 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)	

August 6, 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)

APCO  
(Lease)

Company Rig No. 14  
(Contractor)

Well No. 2 in the SW 1/4 NE 1/4 of Sec. 2

T. 15-S, R. 37-E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: August 4, 1952

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 345' of 13-3/8" casing and cemented with 325 sacks regular cement. Circulated cement. After WOC cement 24 hours tested casing with 300 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

Roy Yarbrough  
(Name)

Oil & Gas Inspector  
(Title)

AUG 8 1952  
(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 MEX

**ILLEGIBLE**

MISSION

MISCELLANEOUS REPORTS ON WELLS

**RECEIVED**  
AUG 5 1952  
OIL CONSERVATION COMMISSION  
HOBS-OFFICE

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 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 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 (Company or Operator) Irps (Lease)  
Company Rig No. 14 (Contractor), Well No. 3 in the SW 1/4 NE 1/4 of Sec. 3  
T. 15-S, R. 32-E, NMPM, Dutton Pool, Lea County

The Dates of this work were as follows: August 3, 1952

Notice of intention to do the work (was) submitted on Form C-101 on July 31, 1952  
and approval of the proposed plan (was) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spudded 7:00 P.M. 8-3-52

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

Approved: Roy Yumbrough (Name)  
Oil & Gas Inspector (Title)  
AUG 5 1952 (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name: E. B. Leitch  
Position: Division Mechanical Engineer  
Representing: Shell Oil Company  
Address: Box 1957, Hobbs, New Mexico

DUPLICATE

NEW MEX

ILLEGIBLE

SSION

RECEIVED (Form) C-101 (Revised 7/1/52)

AUG 2 1952

NOTICE OF INTENTION TO DRILL OR RECOMPLETION

OIL CONSERVATION COMMISSION

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.

Hobbs, New Mexico

August 1, 1952

(Place)

(Date)

OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

Gentlemen:

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

(Company or Operator)

Argo, Well No. 3, in Hobbs, The well is located 2206 feet from the North line and 1660 feet from the East line of Section 3, T 15-S, R 37-E, NMPM.

(GIVE LOCATION FROM SECTION LINE) Devotion Pool, Lea County 2-37-E

Grid with columns D, C, B, A and rows E, L, M and sub-rows F, G, K, N, O, P

If State Land the Oil and Gas Lease is No. If patented land the owner is. Address. Varied and Unknown

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

The status of plugging bond is. Blanket Bond

Drilling Contractor. Company Tools

We intend to complete this well in the. Devotion formation at an approximate depth of. 12,690 feet.

CASING PROGRAM

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

Table with columns: Size of Hole, Size of Casing, Weight per Foot, New or Second Hand, Depth, Sacks Cement

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

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

Mrs. Fort & Daughter 1/4, Fleet family 1/8, Argo Oil Corp. 1/4, Shell Oil Company 1/4, Bureaux 1/8.

AUG 4 1952

Approved. Except as follows:

Sincerely yours,

Shell Oil Company (Company or Operator) By J. D. Savage

Position. Div. Engr. Engineer Send Communications regarding well to

Name. Shell Oil Company

Address. Box 1957, Hobbs, New Mexico

OIL CONSERVATION COMMISSION

By Roy Yachrough

Title Oil & Gas Inspector

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 <u>Polaris Production Corp.</u>	Well API No.
Address <u>P. O. Box 1749, Midland, Texas 79702</u>	
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 <u>Buckley "A"</u>	Well No. <u>4</u>	Pool Name, Including Formation <u>Denton Devonian</u>	Kind of Lease State, Federal or Fee	Lease No.
Location Unit Letter <u>N</u> : <u>330</u> Feet From The <u>South</u> Line and <u>1650</u> Feet From The <u>West</u> Line 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"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Pride Pipeline Company</u>	<u>P. O. Box 2436, Abilene, TX 79604</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.   Is gas actually connected?   When ?
	<u>M</u>   <u>25</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
<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 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 Nancy Stacks  
 Printed Name Nancy Stacks Agent  
 Date 1-1-90 Telephone No. (915) 684-8248

**OIL CONSERVATION DIVISION**

Date Approved JAN 08 1990

By \_\_\_\_\_ Orig. Signed 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.

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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-	7. Unit Agreement Name
2. Name of Operator <b>Polaris Production Corp.</b>	8. Farm or Lease Name <b>Buckley "A"</b>
3. Address of Operator <b>P. O. Box 1749, Midland, Texas 79701</b>	9. Well No. <b>4</b>
4. Location of Well UNIT LETTER <b>N</b> <b>330</b> FEET FROM THE <b>South</b> LINE AND <b>1650</b> FEET FROM THE <b>West</b> LINE, SECTION <b>25</b> TOWNSHIP <b>14-S</b> RANGE <b>37-E</b> NMPM.	10. Field and Pool, or Wildcat <b>Denton Devonian</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3817 DF</b>	12. County <b>Lea</b>

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 <u>return to production</u> <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>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"/></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.

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 \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**NOV 24 1976**

**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

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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION 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 <input type="checkbox"/>	Change in Transporter of:		
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>	
Change in Ownership <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>	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>4</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>N</u> ; <u>330</u> Feet From The <u>South</u> Line and <u>1650</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>Esperary 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>			
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? <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**

(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 (puff 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.

Devis Payne (Signature)  
President (Title)  
12-31-73 (Date)

**OIL CONSERVATION COMMISSION**

APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY Joe D. Ramey (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 multiple completed wells.

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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-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 <b>Buckley A</b>	Well No. <b>4</b>	Pool Name, including Formation <b>Denton Devonian</b>	Kind of Lease State, Federal or Fee <b>Fee</b>	Lease No.
Location				
Unit Letter <b>N</b>	<b>330</b>	Fees From The <b>south</b>	Line and <b>1650</b>	Fees From The <b>west</b>
Line of Section <b>25</b>	Township <b>14-S</b>	Range <b>37-E</b>	NMPM, <b>Lea</b>	County

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> <b>Amoco Pipe Line Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 1088, Lovington, New Mexico 88260</b>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Tipperary Resources Corp.</b>	Address (Give address to which approved copy of this form is to be sent) <b>500 West Illinois, Midland, Texas 79701</b>
If well produces oil or liquids, give location of tanks. Unit <b>N</b> Sec. <b>25</b> Twp. <b>14</b> Rge. <b>37</b>	Is gas actually connected? <input type="checkbox"/> 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.

# ILLEGIBLE

DUPLICATE

NEW MEXICO

HOBBBS OFFICE OCC  
1954 OCT 23 PM 2:39

Santa Fe, New Mexico

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.

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

Company or Operator Shell Oil Company Lease Pooling &  
 Address Box 1377, Hobbs, New Mexico Box 1377, Midland, Texas  
(Local or Field Office) (Principal Place of Business)  
 Unit 1, Well(s) No. 1, Sec. 23, T. 34S, R. 37E, Pool Pool  
 County Lin Kind of Lease: Leased

If Oil well Location of Tanks \_\_\_\_\_  
 Authorized Transporter Atlantic Refining Co. Address of Transporter \_\_\_\_\_  
Box 64, Lovington, New Mexico Midland, Texas  
(Local or Field Office) (Principal Place of Business)

Per cent of 100% 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 unlifted gas production on the above lease in accordance with Commission Order 2-92-1, Paragraph 2, Rule 1209, Section (A)**

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

Executed this the 27th day of October, 1954.

Approved NOV 15 1954, 1954

OIL CONSERVATION COMMISSION  
S. J. ...

By \_\_\_\_\_  
Title ENGINEER-DIST.

Shell Oil Company  
 Original signed by D. H. Trahan D. H. TRAHAN  
 By \_\_\_\_\_  
 Title Division Protection Superintendent



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 12,482 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing July 16, 1954

OIL WELL: The production during the first 24 hours was 238 barrels of liquid\* of which 99.8% was oil; \_\_\_\_\_% was emulsion; \_\_\_\_\_% water; and 0.2% was sediment. A.P.I. Gravity 44.1 deg. COR 939

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 12,284' (-2467')	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 6210' (-2393')		T. Wolfcamp 9242' (-5425')	T. Morrison
T. Drinkard 8119 7340' (-3923')			T. Penn
T. Tubbs			
T. Abo 8032' (-4215')			
T. Penn			
T. Miss			

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	9100	9100	No samples taken				
9100	9381	281	Dolomite & Lime				
9381	10601	1220	Lime				
10601	10985	384	Lime & Shale				
10985	11432	447	Lime				
11432	11671	239	Lime & Chert				
11671	11744	73	Lime				
11744	11985	241	Lime & Chert				
11985	12272	287	Lime				
12272	12301	29	Lime & Dolomite				
12301	12482	181	Dolomite				

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 1957, Hobbs, New Mexico** (Date) **July 21, 1954**  
 Name **B. Nevill** Original signed by **B. Nevill** Position or Title **Division Exploitation Engineer**

# ILLEGIBLE

# DUPLICATE

NEW MEXICO O

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 QUADRUPPLICATE.

1954 JUL 22 AM 7:24

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

Company or Operator Shell Oil Company Lease Blockley "A" et al

Address Box 1977, Hobbs, New Mexico Box 1509, Midland, Texas  
(Local or Field Office) (Principal Place of Business)

Unit B, Well No. 4, Sec. 25, T-10-S, R-17-S, Pool Blockley

County Lee Kind of Lease: Patented

If Oil well Location of Tanks near center of lease

Authorized Transporter Service Pipe Line Amoco Pipeline Co. Address of Transporter

Box 38, Denver City, Texas Box 17, 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 7-16-54

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

Executed this the 21st day of July, 1954

Approved JUL 23 1954, 1954

OIL CONSERVATION COMMISSION

By J. G. Stanley

Title Engineer District 1

Shell Oil Company

By B. Nevill Original signed by B. Nevill

Title Division Exploitation Engineer

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**

Santa Fe, New Mexico

HOBBS OFFICE OCC

**MISCELLANEOUS REPORTS ON WELLS**

1954 JUL 22 AM 7:25

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) <b>ACIDIZING</b>	<b>X</b>

**July 21, 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)

**Bankley "A" et al**

(Lease)

**Loffland Bros. Drilling Company**

(Contractor)

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

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

**July 15, 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**

**Treated open hole interval 12,291' - 12,482' w/750 gallons mud acid.**

**On OPI flowed 536 BOPD (based on 402 BO in 18 hours) out 0.2% BS, thru 20/64" choke, FEP 640 psi. CP pkr. Gravity 44.1 deg. API. GOR 939.**

Witnessed by **H. G. Starling**  
(Name)

**Shell Oil Company**  
(Company)

**Production Foreman**  
(Title)

Approved: **OIL CONSERVATION COMMISSION**

**S. J. Stanley**  
(Name)

**Engineer District 1**  
(Title)

**JUL 22 1954**  
(Date)

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**

Representing **Shell Oil Company**

Address **Box 1957, Hobbs, New Mexico**

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**

Santa Fe, New Mexico

**HOBBS OFFICE OCC**

**MISCELLANEOUS REPORTS ON WELLS** 16 AN 10:04  
1954 052

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)	

July 15, 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

Shell Oil Company  
(Company or Operator)

Duckley "A"  
(Lease)

Loffland Brothers  
(Contractor)

Well No. 4 in the SE  $\frac{1}{4}$  SW  $\frac{1}{4}$  of Sec. 23

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

The Dates of this work were as follows: July 11, 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 12,278' of 5 1/2" casing and cemented at 12,291' with 670 sacks 45 gal and 200 sacks neat cement. Left 89' of cement in casing. After WOG 8 hours ran temperature survey and found top of cement at 8220'. After WOG 72 hours tested casing and cement with 1500 psi for 30 minutes before and after drilling plug. Test OK.

Witnessed by R. B. Flournoy  
(Name)

Shell Oil Company  
(Company)

Drilling Foreman  
(Title)

Approved: OIL CONSERVATION COMMISSION

S. G. Starkey  
(Name)

Engineer District 1 JWL 19 1954

(Title)

(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

**HOBBS OFFICE OCC**

**MISCELLANEOUS REPORTS ON WELLS**

1954 MAY 2 AM 8:01

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 30, 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

Shell Oil Company

(Company or Operator)

Baskley "A"

(Lease)

Loffland Brothers

(Contractor)

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

T. 14-S, R. 27-E, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: April 27, 1954

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 4736' of 8 5/8" casing and cemented at 4749' with 2200 sacks 43 gal and 250 sacks neat cement. Circulated out an estimated 150 sacks cement. After WOC 36 hours tested casing and cement with 1500 psi for 30 minutes. Test OK. Drilled plug and tested with 1250 psi for 30 minutes. Test OK.

Witnessed by F. W. Stewart  
(Name)

Shell Oil Company  
(Company)

Drilling Foreman  
(Title)

Approved: OIL CONSERVATION COMMISSION

*F. G. Johnson*  
(Name)

Oil & Gas Inspector MAY 4 1954

(Title)

(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

**HOBBS OFFICE OCC**

**MISCELLANEOUS REPORTS ON WELLS 20 AM 7:36**

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 19, 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

Shell Oil Company

(Company or Operator)

Buckley #A

(Lease)

Loffland Brothers

(Contractor)

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

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

The Dates of this work were as follows: April 17, 1954

Notice of intention to do the work (~~was~~) submitted on Form C-102 on \_\_\_\_\_, 19\_\_\_\_, (Cross out incorrect words)

and approval of the proposed plan (~~was~~) obtained.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Ran 323' of 13-3/8" casing and cemented at 338' with 400 sacks of neat cement. Circulated cement. After WOC 24 hours tested casing with 500 psi for 30 minutes before and after drilling shoe. Test OK.

Witnessed by F. W. Stewart  
(Name)

Shell Oil Company  
(Company)

Drilling Foreman  
(Title)

Approved: OIL CONSERVATION COMMISSION

S. J. Stanley  
(Name)

Engineer District I. APR 21 1954

(Title)

(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

# ILLEGIBLE

**DUPLICATE**

NEW MEX

Santa Fe, New Mexico

MISSION

HOBBS OFFICE OCC

## MISCELLANEOUS REPORTS ON WELLS

1954 APR 20 7:36

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	<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 19, 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

Shell Oil Company  
(Company or Operator)

Bankley "A"  
(Lease)

Leffland Brothers  
(Contractor)

Well No. 4 in the SE 1/4 SW 1/4 of Sec. 23

T. 14-S, R37-S, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: April 17, 1954

Notice of intention to do the work (was) ~~written~~ submitted on Form C-101 on April 8, 1954  
(Cross out incorrect words)

and approval of the proposed plan (was) ~~written~~ obtained.

### DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spudded 6:00 A.M. 4-17-54

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

Approved: F. D. Stanley  
OIL CONSERVATION COMMISSION  
Engineer District 1  
(Title) APR 21 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

Attachment for Form C-105

Buckley "A" et al # 4  
Denton Field

DST # 1: 9239' - 9385' (146' Wolfcamp limestone). Tool open  
2 hours thru 1" TC & 3/4" DG on 4 1/2" DS. Immediate  
weak air blow increasing to moderate air blow for  
duration of test. NPTS. Recovered 505' (2.5 bbls.)  
HOAGON (est. 15 - 20% oil). Mud filtrate titrates  
1000 ppmCl<sup>-</sup>. Pit mud filtrate titrates 1000 ppmCl<sup>-</sup>.  
FBHP 175 - 250 psi. 30 minutes SBHP 2700 psi.  
NMM 4450 psi. Positive Test.

**DUPLICATE**

**ILLEGIBLE**

(Form C-101)  
(Revised 7/1/52)

**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 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 8, 1954**  
(Date)

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (~~Construction~~) of a well to be known as **Shell Oil Company**  
(Company or Operator)

**Duckley "A" et al**  
(Lease)

Well No. **4**, in **H** (Unit) The well is

located **330** feet from the **west** line and **1650** feet from the **west** line of Section **25**, T-**14-S**, R-**37-S**, NMPM.

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

**2-37-2**

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 **Restar Petroleum Co. A. B. B. Duckley et al**  
Address .....

We propose to drill well with drilling equipment as follows: .....

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

Drilling Contractor **Undetermined**

We intend to complete this well in the **Benton** formation at an approximate depth of **12,500** 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
<b>17 1/4"</b>	<b>13 3/8"</b>	<b>484</b>	<b>NEW</b>	<b>350</b>	<b>350</b>
<b>12"</b>	<b>8 5/8"</b>	<b>324</b>	<b>NEW</b>	<b>4,720</b>	<b>3000</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>174 &amp; 204</b>	<b>NEW</b>	<b>12,375</b>	<b>800</b>

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 **APR 12 1954**, 19.....  
Except as follows:

OIL CONSERVATION COMMISSION  
By **J. G. Stanley**  
Title **Engineer District 1**

Sincerely yours,  
**Shell Oil Company**  
(Company or Operator)  
By **J. Nevill**  
Position **Division Exploitation Engineer**  
Send Communications regarding well to  
Name **Shell Oil Company**  
Address **Box 1957**  
**Hobbs, New Mexico**

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

**OIL CONSERVATION DIVISION**

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 <b>Polaris Production Corp.</b>	Well API No.
Address <b>P. O. Box 1749, Midland, Texas 79702</b>	
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 <b>Buckley "B"</b>	Well No. <b>1</b>	Pool Name, including Formation <b>Denton Devonian</b>	Kind of Lease State, Federal or Fee	Lease No.
Location Unit Letter <b>E</b> : <b>2310</b> Feet From The <b>North</b> Line and <b>330</b> Feet From The <b>West</b> Line Section <b>25</b> Township <b>14 South</b> Range <b>37 East</b> , NMPM, <b>Lea</b> 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"/> <b>Pride Pipeline Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 2436, Abilene, TX 79604</b>			
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>J. L. Davis</b>	Address (Give address to which approved copy of this form is to be sent) <b>211 N. Colorado, Midland, TX 79701</b>			
If well produces oil or liquids, give location of tanks.	Unit <b>E</b>	Sec. <b>25</b>	Twp. <b>14</b>	Rge. <b>37</b>
Is gas actually connected? <b>Yes</b>		When? <b>Unknown</b>		

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

**OIL CONSERVATION DIVISION**

Date Approved **JAN 08 1990**

By \_\_\_\_\_  
 Orig. Signed by **Paul Kautz**  
 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.

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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**

**DESCRIPTION OF WELL AND LEASE**

Lease Name <b>Buckley "B"</b>	Well No. <b>1</b>	Pool Name, including Formation <b>Denton Devonian</b>	Kind of Lease State, Federal or Fee <b>Fee</b>	Lease No.
Location Unit Letter <b>E</b> ; <b>2310</b> Feet From The <b>North</b> Line and <b>330</b> Feet From The <b>West</b> Line of Section <b>25</b> Township <b>14 South</b> Range <b>37 East</b> , NMPM, <b>Lea</b> County				

**DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <b>Amoco Production Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 1725, Midland, Texas 79701</b>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Tappery Corp.</b>	Address (Give address to which approved copy of this form is to be sent) <b>229 Western United Life Bldg., Midland, Tx.</b>
If well produces oil or liquids, give location of tanks. Unit <b>E</b> Sec. <b>25</b> Twp. <b>14</b> Rge. <b>37</b>	Is gas actually connected? <b>Yes</b> When <b>Unkown</b>

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

**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

**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 (pitot, back pr.)	Tubing Pressure (psi-in)	Casing Pressure (psi-in)	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.

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

**OIL CONSERVATION COMMISSION**

APPROVED Jan 2 - 1974, 19\_\_\_\_  
BY John C. ...  
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 condition.  
Separate Forms C-104 must be filed for each pool in multiphase completed wells.

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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-110  
Effective 1-1-65

**I. 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  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 <b>Buckley B</b>	Well No. <b>1</b>	Pool Name, including Formation <b>Denton Devonian</b>	Kind of Lease State, Federal or Fee <b>Fee</b>	Lease No.
Location Unit Letter <b>E</b> ; <b>2310</b> Feet From The <b>north</b> Line and <b>330</b> Feet From The <b>west</b> Line of Section <b>25</b> Township <b>14-S</b> Range <b>37-E</b> , NMPM, <b>Lea</b> County				

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> <b>Amoco Pipe Line Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 1088, Lovington, N. M. 88260</b>			
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Tipperary Resources Corp.</b>	Address (Give address to which approved copy of this form is to be sent) <b>500 West Illinois, Midland, Texas 79701</b>			
If well produces oil or liquids, give location of tanks.	Unit <b>E</b>	Sec. <b>25</b>	Twp. <b>14</b>	Rge. <b>37</b>
	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]  
 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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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 <b>Shell Oil Company</b>		Lease <b>Buckley "B"</b>	Well No. <b>1</b>
Unit Letter <b>E</b>	Section <b>25</b>	Township <b>14 S</b>	Range <b>37 E</b>
Pool <b>Denton-Devonian</b>		Kind of Lease (State, Fed, Fee) <b>Fee</b>	
If well produces oil or condensate give location of tanks		Unit Letter <b>E</b>	Section <b>25</b>
		Township <b>14 S</b>	Range <b>37 E</b>
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> <b>Service Pipe Line Company</b> <i>Amoco Pipeline Co.</i>		Address (give address to which approved copy of this form is to be sent) <b>Box Q, Denver City, Texas</b>	
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"/> <b>Atlantic Refining Company</b>		Date Connected	Address (give address to which approved copy of this form is to be sent) <b>Box 696 Lovington, New Mexico</b>

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) Other (explain below)   
 Oil  Dry Gas   
 Casing head gas  Condensate

**Buckley "B" Devonian and Wolfcamp production will be commingled as of April 21, 1964.  
 NMOCC Administrative Order PC-204, dated April 3, 1964.**

Remarks

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

Executed this the 20th day of April, 1964.

OIL CONSERVATION COMMISSION		By
Approved by		<b>S. B. Deal</b> <i>[Signature]</i>
Title		<b>Division Production Superintendent</b>
	<b>Engineer License 1</b>	Company <b>Shell Oil Company</b>
Date	<b>APR 20 1964</b>	Address <b>Box 1858 Roswell, New Mexico</b>

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103  
(Rev 3-55)

**DUPLICATE**

MISCELLANEOUS REPORTS ON WELLS

Submit to appropriate District Office as per Commission Rule 1106)

Name of Company <b>SHELL OIL COMPANY</b>		Address <b>Box 845, Roswell, New Mexico</b>			
Lease <b>Buckley B</b>	Well No. <b>1</b>	Unit Letter <b>R</b>	Section <b>25</b>	Township <b>14-S</b>	Range <b>37-E</b>
Date Work Performed <b>3-23 thru 5-22-59</b>	Pool <b>Newton-Devonian</b>		County <b>Lea</b>		

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. Ran 2" thg. open-ended w/Baker FERC and set FERC at 12,337'.
3. Treated formation w/10,000 gals. 15% NE acid in 5 stages using 150# Rock Salt as blocking agent between each stage.
4. Ran 68 jts. (2123') 2" thg. and 339 jts. (10,442') 2 1/2" thg. Total thg. 12,565'. Hung at 12,576'. SN at 10,448'.
5. Ran 1 1/2" x 2 1/2" x 28' Insert Pump and rods to original setting.
6. Recovered load; little, if any, production increase.

Witnessed by <b>H. G. Sterling</b>	Position <b>Prod. Foreman</b>	Company <b>SHELL OIL COMPANY</b>
---------------------------------------	----------------------------------	-------------------------------------

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. <b>3821</b>	T D <b>12,580</b>	P B T D <b>-</b>	Producing Interval <b>12,372-12,850'</b>	Completion Date <b>7-6-54</b>
Tubing Diameter <b>2 1/2"</b>	Tubing Depth <b>10,531'</b>	Oil String Diameter <b>5 1/2"</b>	Oil String Depth <b>12,372'</b>	
Perforated Interval(s) <b>Open-hole</b>				
Open Hole Interval <b>12,372-12,850'</b>		Producing Formation(s) <b>Devonian</b>		

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	<b>3-1-59</b>	<b>126</b>	<b>130.7</b>	<b>34</b>	<b>1037</b>	<b>-</b>
After Workover	<b>No Change</b>					

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name <b>Rex C. Cabanias</b>	Original Signed By <b>Rex C. Cabanias</b>	
Title <b>Assistant District Engineer</b>	Position <b>District Exploitation Engineer</b>		
Date <b>MAY 27 1959</b>	Company <b>SHELL OIL COMPANY</b> <b>Box 845, Roswell, New Mexico</b>		

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS NOTICES

1959 MAR 11 AM 10:00

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		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Roswell, New Mexico  
(Place)

March 10, 1959  
(Date)

Gentlemen:

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

Shell Oil Company

Buckley "B"

Well No. 1 in E

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

Lea 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 & 2 1/2" tubing.
2. Run 2" tubing open-ended with packer on bottom and set packer @ 12,340'±.
3. Treat formation with 10,000 gallons 15% acid using rock salt as staging material.
4. Swab test.
5. If well does not flow, pull 2" tubing & rerun 2 1/2" tubing, pump & rods.
6. Place on production.

MAR 11 1959

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

Approved  
OIL CONSERVATION COMMISSION  
By: *[Signature]*  
Title: *[Signature]*

Shell Oil Company  
Company or Operator Original Signed By  
By: Rex C. Cabaniss Rex C. Cabaniss  
Position: District Exploitation Engineer  
Send Communications regarding well to:  
Name: Shell Oil Company  
Address: Box 845, Roswell, 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 Shell Oil Company Box 845 Roswell, New Mexico  
(Address)

LEASE Buckley B WELL NO. 1 UNIT E S 25 T 14 S R 37  
DATE WORK PERFORMED May 7, 1958 POOL Denton

This is a Report of: (Check appropriate block)  Results of Test of Casing Shut-off  
 Beginning Drilling Operations  Remedial Work  
 Plugging  Other To Lower Pump

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

Lowered 1-3/4" pump from 9000' to 10,500'.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		
		(Company)

OIL CONSERVATION COMMISSION

Name [Signature]  
Title Oil & Gas Inspector  
Date MAY 14 1958

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

ORIGINAL SIGNED BY  
Name R. L. Elkins R. L. ELKINS  
Position Division Mechanical Engineer  
Company Shell Oil Company

**QUADRUPPLICATE**

NEW MEX

**ILLEGIBLE** MISSION

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 **QUADRUPPLICATE**.

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

Company or Operator Shell Oil Company Lease Blockley B

Address Box 1997, Hobbs, New Mexico Box 1509, Midland, Texas  
(Local or Field Office) (Principal Place of Business)

Unit B, Well(s) No. 1, Sec. 29, T. 14S, R. 37E, Pool. Boston

County Lea Kind of Lease: Retained

If Oil well Location of Tanks.....

Authorized Transporter Atlantic Refining Co. Address of Transporter

Box 676, Lovington, New Mexico Midland, Texas  
(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 casinghead gas production on the above lease in accordance with Conservation Order 2-71-1, Paragraph 9, Rule 1109, Section (A).**

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

Executed this the 23th 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 Division Production Superintendent



END OF DRILL-STEM AND SPECIAL

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 12,920 feet, and from feet to feet.  
 Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing July 6, 1934

OIL WELL: The production during the first 24 hours was 996 barrels of liquid of which 99.6% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 44.7 deg. 60 F 100 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

Northwestern New Mexico

- |                            |   |                       |
|----------------------------|---|-----------------------|
| T. Anhy                    | T. Devonian 12,920' (-7500')                | 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 6190' (-2330') | T. <del>Bandol Form.</del> 10,800' (-7800') | T. Morrison           |
| T. Drinkard 7340' (-3520') | T. <del>Wolfcamp</del> 9200' (-5420')       | T. Penn               |
| T. Tubbs                   | T.  | T.                    |
| T. Abo 8042' (-4220')      | T.  | T.                    |
| T. Penn                    | T.  | T.                    |
| T. Miss 11,465' (-7645')   | T.  | T.                    |

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	9700	9700	No samples taken				
9700	11268	1968	lime				
11268	12326	1058	lime & chert				
12326	12372	46	lime & dolomite				
12372	12580	208	dolomite				

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.

July 12, 1934

Company or Operator **Shell Oil Company**  
 Name **B. Nevill**  
 Original signed by **B. Nevill**

Address **Box 1977, Hobbs, New Mexico**  
 Position or Title **Division Exploitation Engineer**

**DUPLICATE** NEW MEXICO **ILLEGIBLE** **REQUEST FOR ALLOWABLE**

New Well  
~~Information~~

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.

Albino, New Mexico  
(Place)

July 12, 1954  
(Date)

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

Shell Oil Company Section 25, Well No. 1, in 1/4 1/4,  
(Company or Operator) (Lease)  
1, Sec. 25, T. 14-S, R. 37-E, NMPM., Albino Pool  
(Unit)  
1 County. Date Spudded 3-11-54, Date Completed 7-6-54

Please indicate location:

2-37-E


Section 25

Elevation 3831 Total Depth 12,372, P.B. ....

Top oil/gas pay 12,372 Prod. Form Reversion

Casing Perforations: Open Hole Completion or

Depth to Casing shoe of Prod. String 12,372

Natural Prod. Test No test taken BOPD

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

Test after acid or shot 25 BOPD

Based on 363 bbls. Oil in 16 Hrs. .... Mins.

Gas Well Potential .....

Size choke in inches 20/64

Date first oil run to tanks or gas to Transmission system: 7-6-54

Transporter taking Oil or Gas: Service Pipe Line

Casing and Cementing Record

Size Feet Sax

<u>13 3/8"</u>	<u>364</u>	<u>350</u>
<u>8 5/8"</u>	<u>4769</u>	<u>2750</u>
<u>5 1/2"</u>	<u>12,372</u>	<u>850</u>

Remarks: .....

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

Approved ..... 19.....

12 1954  
OIL CONSERVATION COMMISSION

By: [Signature]

Title Engineer District I

Shell Oil Company  
(Company or Operator)

By: B. Nevill Original signed by  
(Signature) B. Nevill

Title Division Exploitation Engineer  
Send Communications regarding well to:

Name Shell Oil Company

Address Box 1997, Albino, New Mexico

**DUPLICATE**

NEW MEXICO

**ILLEGIBLE**

COMMISSION

Santa Fe, New Mexico

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 QUADRUPPLICATE.

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

Company or Operator Shell Oil Company Lease Blockley #3

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

Unit 2, Well (or) No. 1, Sec. 25, T. 14-N, R. 27-E, Pool Denton

County Lea Kind of Lease: Patented

If Oil well Location of Tanks 990' SWL & 990' NWL of Blockley #3 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:

**Completed 7-6-54**

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

Executed this the 12th day of July, 1954.

Approved JUL 12 1954, 1954

OIL CONSERVATION COMMISSION

By [Signature]

Title Engineer District 1

Shell Oil Company

By B. Nevill Original signed by B. Nevill

Title Division Exploitation Engineer

# ILLEGIBLE

NEW MEXICO

COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

## MISCELLANEOUS REPORTS ON WELLS

1954 JUL 12 PM 3:28

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) <b>ACIDIZING</b>	<b>X</b>

July 12, 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

Shell Oil Company  
(Company or Operator)

Stanley 73  
(Lease)

(Contractor) \_\_\_\_\_, Well No. 1 in the SW  $\frac{1}{4}$  SW  $\frac{1}{4}$  of Sec. 23

T. 14-2, R. 37-2, NMPM, Denton Pool, Lin County.

The Dates of this work were as follows: July 7, 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

**Washed interval 12,372' - 12,580' w/500 gallons mud acid.  
Then treated formation w/2000 gallons 15% LST acid.**

**On 24 hour CRT flowed 545 BO (based on 363 BO in 16 hours) out .46 BS, no water, thru 20/60" choke. FIP 650 psi. FOP 0 psi. GR 100L. Gravity 44.7 deg. API.**

Witnessed by H. G. Sturking Shell Oil Company Production Foreman  
(Name) (Company) (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 Original signed by B. Nevill  
Position Division Exploitation Engineer  
Representing Shell Oil Company  
Address Box 1277, Hobbs, New Mexico

(Title)

(Date)

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS AM 7:23

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)	

July 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

Shell Oil Company

(Company or Operator)

Buckley "B"

(Lease)

Corbett Drilling Company

(Contractor)

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

T. 14-S, R. 27-S, NMPM., Denton Pool, Lea County.

The Dates of this work were as follows: July 3, 1954

Notice of intention to do the work (was not) submitted on Form C-102 on \_\_\_\_\_, 19\_\_\_\_, and approval of the proposed plan (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 12,347' of 5 1/2" casing and cemented at 12,372' with 750 sacks 45 gal and 100 sacks neat cement. After WOC 27 hours stretch test indicated freeze point to be at 7400'. After WOC 48 hours tested casing with 1500 psi for 30 minutes. Test OK. Drilled shoe and tested cement with 1000 psi for 30 minutes. Test OK.

Witnessed by F. W. Stewart  
(Name)

Shell Oil Company  
(Company)

Drilling Foreman  
(Title)

Approved: OIL CONSERVATION COMMISSION

S. J. Stanley  
(Name)

Engineer District 1

(Title)

JUL 12 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

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS  
1954 APR 19 PM 1:08

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 16, 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 Buckley "B"  
(Company or Operator) (Lease)  
Corbett Drilling Company, Well No. 1 in the SW 1/4 NW 1/4 of Sec. 25  
(Contractor)  
T. 14-S, R. 37-S, NMPM, Denton Pool, Lea County.

The Dates of this work were as follows: April 14, 1954

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 4755 feet of 8-5/8" casing and cemented at 4769 feet with 2700 sacks 45 gal and 250 sacks neat cement. Circulated out an estimated 600 sacks cement. After WOC 36 hours tested casing and cement for 30 minutes with 1500 psi before and after drilling plug. Test OK.

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

Approved: OIL CONSERVATION COMMISSION  
F. D. Stanley  
(Name)  
Engineer District 1 APR 19 1954  
(Title) (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  
Position: Division Mechanical Engineer  
Representing: Shell Oil Company  
Address: Box 1957, Hobbs, New Mexico

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**

Santa Fe, New Mexico

**HOBBS OFFICE OCC**

**MISCELLANEOUS REPORTS ON WELLS** 1954 APR 5 AM 9:34

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 5, 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

Shell Oil Company  
(Company or Operator)

Buckley #2  
(Lease)

Corbett Drilling Company  
(Contractor)

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

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

The Dates of this work were as follows: April 1, 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 354' of 13-3/8" casing and cemented at 368' with 350 sacks regular cement. Circulated cement. After WOC 24 hours tested casing with 500 psi for 30 minutes. Test OK.

Witnessed by F. W. Stewart  
(Name)

Shell Oil Company  
(Company)

Drilling Foreman  
(Title)

Approved: OIL CONSERVATION COMMISSION

*F. D. Leigh*  
(Name)

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

Engineer District 1 APR 6 1954  
(Title) (Date)

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**HOBBS OFFICE OCC**

**MISCELLANEOUS REPORTS ON WELLS** APR 2 AM 10:51

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	<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 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

Shell Oil Company  
(Company or Operator)

Blockley #7  
(Lease)

Corbett Drilling Company  
(Contractor)

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

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

The Dates of this work were as follows: March 31, 1954

Notice of intention to do the work (was) ~~submitted~~ submitted on Form ~~C-103~~ 101 on March 29, 1954  
(Cross out incorrect words)

and approval of the proposed plan (was) ~~obtained~~ obtained.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Spudded 12:00 P.M. 3-31-54

Witnessed by F. M. Stewart  
(Name)

Shell Oil Company  
(Company)

Drilling Foreman  
(Title)

Approved: OIL CONSERVATION COMMISSION

*S. J. Stanley*  
(Name)

Engineer District 1 APR 2 1954  
(Title) (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  
Position: Division Mechanical Engineer  
Representing: Shell Oil Company  
Address: Box 1957, Hobbs, New Mexico

**DUPLICATE**

**ILLEGIBLE**

OBRS OFFICE OCC

**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 shall 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)

**March 29, 1954**  
(Date)

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Gentlemen:

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

**Shell Oil Company**  
(Company or Operator)

**Duckley "B" et al**  
(Lease)

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

located **2310** feet from the **north** line and **330** feet from the **west** line of Section **23**, T. **14-S**, R. **17-E**, NMPM.

(GIVE LOCATION FROM SECTION LINE) **Duncan** 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 **Yester Pub. Co. & B. A. Duckley et al**

Address

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

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

Drilling Contractor **Curtett Drilling Company**

We intend to complete this well in the **Dorman** formation at an approximate depth of **12,600** 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
<b>17 1/4"</b>	<b>13 3/8"</b>	<b>48#</b>	<b>NEW</b>	<b>390</b>	<b>390</b>
<b>11"</b>	<b>8 5/8"</b>	<b>38#</b>	<b>NEW</b>	<b>4,700</b>	<b>3000</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>17# &amp; 20#</b>	<b>NEW</b>	<b>12,390</b>	<b>600</b>

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 **MAR 30 1954**, 19.....  
Except as follows:

OIL CONSERVATION COMMISSION  
By **S. G. Stanley**  
Title **Engineer District 1**

Sincerely yours,  
**Shell Oil Company**  
(Company or Operator) **Original signed by**  
By **B. Nevill** **B. Nevill**  
Position **Division Exploitation Engineer**  
Send Communications regarding well to  
Name **Shell Oil Company**  
Address **Box 1957, 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-110  
Effective 1-1-65

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	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:  
 Recompletion  Oil  Dry Gas   
 Change in Ownership  Casinghead Gas  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>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 M; 330 Feet From The South Line and 330 Feet From The West  
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"/> <u>Amoco Pipeline Co.</u>	Address (Give address to which approved copy of this form is to be sent) <u>201 Main Street, Suite 500, Fort Worth, Tx 761</u>	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <u>J. L. Davis</u>	Address (Give address to which approved copy of this form is to be sent) <u>211 N. Colorado, Midland, Tx 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.
<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 (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.

B. D. Pope  
(Signature)  
Geologist  
(Title)  
5-1-87  
(Date)

**OIL CONSERVATION COMMISSION**  
**MAY 19 1987**

APPROVED \_\_\_\_\_, 19\_\_\_\_

BY Paul Kautz  
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 deviator 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-111  
Effective 1-1-65

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	GAS
OPERATOR	
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I. Operator **ARCO Oil and Gas Company**  
Division of Atlantic Richfield Co.

Address  
**P.O. Box 1710, Hobbs, NM 88240**

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

If change of ownership give name and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>T.D. Pope</b>	Well No. <b>1</b>	Pool Name, including Formation <b>Denton Devonian</b>	Kind of Lease State, Federal or Fee <b>Fee</b>	Lease No.
Location Unit Letter <b>M</b> ; <b>330</b> Feet From The <b>South</b> Line and <b>330</b> Feet From The <b>West</b> Line of Section <b>36</b> Township <b>14S</b> Range <b>37E</b> , NMPM, <b>Lea</b> 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"/> <b>Amoco Pipeline Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>2300 Continental Nat'l Bldg. Ft. Worth, TX 76102</b>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Tipperary Resources Corp.</b>	Address (Give address to which approved copy of this form is to be sent) <b>500 West Illinois, Midland, TX 79701</b>
If well produces oil or liquids, give location of tanks. Unit <b>M</b> Sec. <b>36</b> Twp. <b>14</b> Rge. <b>37</b>	Is gas actually connected? <b>No</b> 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	
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
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)

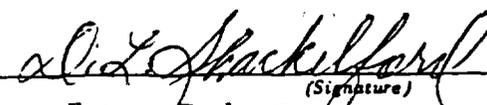
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

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.

  
Engrg. Tech. Spec.  
(Signature)  
\_\_\_\_\_  
Engrg. Tech. Spec.  
(Title)  
8/24/83  
(Date)

OIL CONSERVATION COMMISSION

APPROVED     AUG 29 1983    , 19\_\_\_\_

BY     ORIGINAL SIGNED BY JERRY SEXTON      
DISTRICT I SUPERVISOR

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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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: ARCO Oil & Gas Company  
Division of Atlantic Richfield Company  
Address: P. O. Box 1710, Hobbs, New Mexico

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):  
Please assign a 1,000 Bbl Oil testing allowable during the month of July 1983.

If change of ownership give name and address of previous owner \_\_\_\_\_

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name T. D. Pope	Well No. 1	Pool Name, Including Formation Denton Devonian	Kind of Lease State, Federal or Fee	Lease No. Fee
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>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"/> Getty Trading and Transportation Co.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1142, Midland, Texas 79701				
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, Texas 79701				
If well produces oil or liquids, give location of tanks.	Unit M	Sec. 36	Twp. 14	Rge. 37	Is gas actually connected? When No

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		
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
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.

R. L. Shackelford  
(Signature)  
Engrg. Tech. Spec.  
(Title)  
7/7/83  
(Date)

OIL CONSERVATION COMMISSION  
APPROVED JUL 11 1983, 19\_\_\_\_  
BY ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT SUPERVISOR  
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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OPERATOR	

5a. Indicate Type of Lease  
State  Fed

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 M 330 FEET FROM THE South LINE AND 330 FEET FROM  
THE West LINE, SECTION 36 TOWNSHIP 14S RANGE 37E NN1PM.

7. Well Agreement Name

8. Farm or Lease Name  
**T. D. Pope**

9. Well No.  
**1**

10. Field and Pool, or Wildcat  
**Denton Devonian**

11. Elevation (Show whether DF, RT, GR, etc.)  
**3798' 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 JOBS

OTHER Acidize, Restore to production

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.

Rigged up, killed well, installed BOP, POH w/compl assy. RIH w/RBP & retrievable pkr, set BP @ 12,595', pkr @ 12,447'. Acidized perms 12,460-12,590' w/5000 gals 15% NE acid, 700# rock sal & 700# BAF, flushed w/75 bbls 2% KCL wtr. Reset RBP @ 12,447', retrievamatic pkr @ 12,227'. Acidized perms 12,278-12,440' w/5000 gals 15% NE acid & 850# BAF & 850# rock salt. Reset RBP @ 12,595' & pkr @ 12,227'. Swbd 2 hrs, rec 0 BO & 54 BLW. On 7 hr swab test, rec 10 BO, 100 BLW. Rel RBP @ 12,595', pkr @ 12,227' & POH. RIH w/perf nipple, pkr, pump cavity, 2-7/8" OD tbg. Set pkr @ 12,214'. On 24 hr test 2/1/80 pmpd Dev perms 12,278-12,590', 21 BO, 150 BW. Returned shut-in well to production. 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. Supt. DATE 2/12/80

APPROVED BY Orig. Signed by Jerry Sexton TITLE \_\_\_\_\_ DATE FEB 14 1980

CONDITIONS OF APPROVAL: AS SHOWN

**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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TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

Operator **ARCO Oil & Gas Company**  
Division of Atlantic Richfield Company

Address  
**P.O. Box 1710, Hobbs, N.M. 88240**

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

Please assign a 500 bbl. oil testing allowable during the month of Feb., 1980 in order to test & return to Production.

If change of ownership give name and address of previous owner \_\_\_\_\_

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <b>T.D. Pope</b>	Well No. <b>1</b>	Pool Name, Including Formation <b>Denton Devonian</b>	Kind of Lease State, Federal or Fee <b>Fee</b>	Lease No.
Location Unit Letter <b>M</b> ; <b>330</b> Feet From The <b>South</b> Line and <b>330</b> Feet From The <b>West</b> Line of Section <b>36</b> Township <b>14S</b> Range <b>37E</b> , NMPM, <b>Lea</b> 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"/> <b>Amoco Production Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 68, Hobbs, N.M. 88240</b>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Tipperary Resource Corp.</b>	Address (Give address to which approved copy of this form is to be sent) <b>500 West Illinois, Midland, Tx. 79701</b>
If well produces oil or liquids, give location of tanks. Unit <b>M</b> Sec. <b>36</b> Twp. <b>14</b> Rge. <b>37</b>	Is gas actually connected? <b>Yes</b> When <b>Unknown</b>

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		
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
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)  
Engrg. Tech. Spec.  
(Title)  
2-6-80  
(Date)

**OIL CONSERVATION COMMISSION**

APPROVED FEB 8 1980, 19\_\_\_\_  
BY Jerry Sexton  
Dist. 1, 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 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.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

Form C-103  
Revised 10-1-79

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator <b>ARCO Oil and Gas Company</b> Division of Atlantic Richfield Company	8. Farm or Lease Name <b>T. D. Pope</b>
3. Address of Operator <b>P. O. Box 1710, Hobbs, New Mexico 88240</b>	9. Well No. <b>1</b>
4. Location of Well UNIT LETTER <b>M</b> <b>330</b> FEET FROM THE <b>South</b> LINE AND <b>330</b> FEET FROM THE <b>West</b> LINE, SECTION <b>36</b> TOWNSHIP <b>14S</b> RANGE <b>37E</b> NMPM.	10. Field and Pool, or Wildcat <b>Denton Devonian</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3798' GR</b>	12. County <b>Lea</b>

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input 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"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
OTHER <u>Acidize, Restore to Production</u> <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.

This well has been shut in & temporarily abandoned since 1/19/77. Propose to restore to production in the following manner:

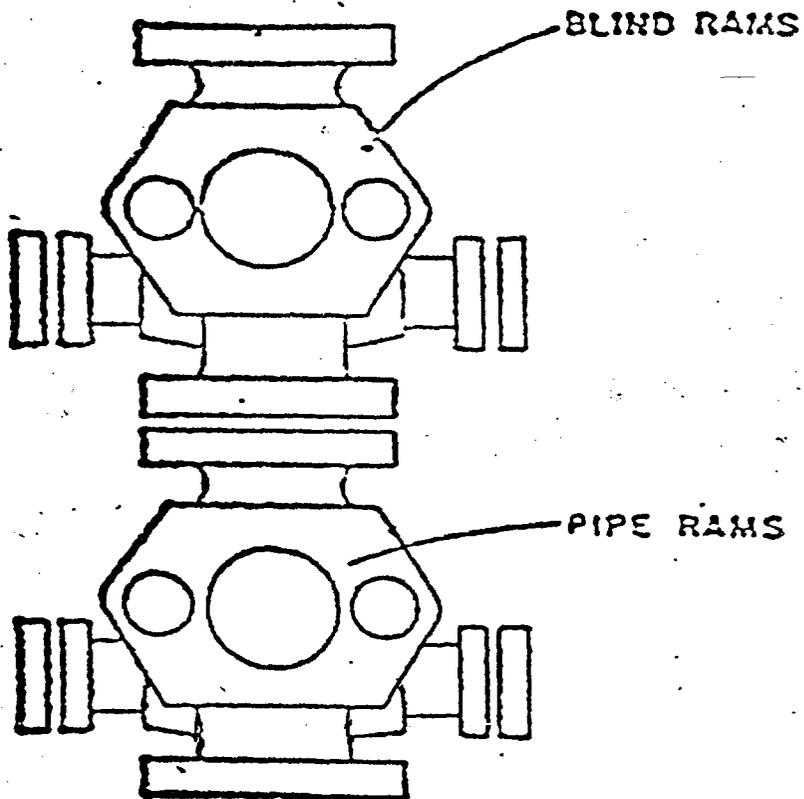
1. Rig up, install BOP, POH w/compl assy. CO to 12,603' PBD.
2. RIH w/pkr & RBP, set BP @ approx 12,650', pkr @ 12,445'. Acidize perms 12,460-590' w/ 5000 gals 15% HCL-NEA w/iron sequestering agent, friction reducer & inhibitor in 3 equal stages w/350# 50/50 rock salt & benzoic acid flakes.
3. Reset BP @ 12,450' & pkr @ 12,260'. Acidize perms 12,278-438' w/5000 gals 15% HCL-NEA acid w/iron sequestering agent in 3 equal stages w/350# 50/50 rock salt & benzoic acid flakes between stages.
4. POH w/pkr & RBP.
5. 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  TITLE Dist. Drlg. Supt. DATE 11/7/79

APPROVED BY Jerry Sexton TITLE \_\_\_\_\_ DATE **NOV 9 1979**

CONDITIONS OF APPROVAL, IF ANY:



**ATLANTIC RICHFIELD COMPANY**  
**Blow Out Preventer Program**

**Lease Name** T. D. Pope

**Well No.** 1

**Location** 330' FSL & 330' FWL  
Sec 36-14S-37E, Lea County

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

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

Form C-104  
Supersedes Old C-104 and C-110  
Effective 1-1-65

**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)

New Well <input type="checkbox"/>	Change in Transporter of:	Other (Please explain)
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Change in Operator Name
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	effective: <b>4-1-79</b>
	Dry 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 <b>T. D. Pope</b>	Well No. <b>1</b>	Pool Name, Including Formation <b>Denton Devonian</b>	Kind of Lease State, Federal or Fee <b>Fee</b>
Location Unit Letter <b>M</b> ; <b>330</b> Feet From The <b>South</b> Line and <b>330</b> Feet From The <b>West</b>			
Line of Section <b>36</b> , Township <b>14S</b> Range <b>37E</b> , NMPM, <b>Lea</b> 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"/> <b>Umaco Production Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>Drawer A Lovelland Texas 79336</b>		
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Tipperary Resource Corp.</b>	Address (Give address to which approved copy of this form is to be sent) <b>500 West Illinois, Midland, Texas 79701</b>		
If well produces oil or liquids, give location of tanks.	Unit <b>M</b>	Sec. <b>36</b>	Twp. <b>14</b>
	Rge. <b>37</b>	Is gas actually connected? <b>Yes</b>	When <b>Unknown</b>

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 <b>No Change</b>	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		
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
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 <b>No Change</b>	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.

**COMMISSION**

**SECRET**

**Serge V. Rodes**  
(Signature)  
District Prod. & Drlg. Supt.  
(Title)  
**3-12-79**  
(Date)

**OIL CONSERVATION COMMISSION**

**APR 10 1979**

APPROVED \_\_\_\_\_, 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 <input checked="" type="checkbox"/> TA GAS WELL <input type="checkbox"/> OTHER-	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. 1
4. Location of Well 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>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.) 3798'GR	12. County Eddy

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 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"/>
	Temporary 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 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 [Signature] TITLE Sr. Dist. Prod. Supur. DATE 11-13-78

APPROVED BY Orig. Signed by Jerry Sexton Dist. L. Supr. TITLE \_\_\_\_\_ DATE NOV 16 1978

CONDITIONS OF APPROVAL, IF ANY: Expires 1/19/79 (2nd)

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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 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. 1
4. Location of Well 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>36</u> 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.) 3798' 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

Acidize

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 8/7/75 rigged up, installed BOP & pulled completion assy. WIH w/bit & scraper on tbg to 12,595' OK. Ran pkr on 2-7/8" tbg, set pkr @ 12,449'. Acidized w/4000 gal 15% HCL NE acid cont'g iron sequestrant & 3 gal/1000 gal friction reducer & 3 gal/1000 gal inhibitor. Flushed w/76 BPW. MP 4000#. PU & set pkr @ 12,222' & trtd perfs 12,278-12,590' w/32,000 gal 15% HCL NE acid cont'g iron sequestrant & 3 gal/1000 gal friction reducer & 3 gal/1000 gal inhibitor in 7 equal stages, separated by 7510# 50/50 mix rock salt & benzoic acid flakes. Flushed w/80 BPW MP 4400#, Min 1400#, ISIP 2200#, 15 min SIP 900#, on vac in 30 mins. WIH w/completion assy as follows: 1 - 2-3/8" PN, 1 - 2-3/8" X 7" L-30 pkr, 1 - Sgt pump cavity w/2-3/8" X 2-7/8" swedge, 1 - 2-7/8" tbg sub, 12,162' of 2-7/8" tbg. Set pkr @ 12,200'. Put on pump test. On 24 hr potential test 8/27/75 pmpd 27 BO, 86 BW & 23 MCFG. GOR 852:1. Prior production was 15 BO & 7 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 8/28/75

APPROVED BY [Signature] TITLE Geologist DATE SEP 2 1975

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

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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 **M** **330** FEET FROM THE **South** LINE AND **330** FEET FROM  
THE **West** LINE, SECTION **36** TOWNSHIP **14S** RANGE **37E** NMPM.

7. Unit Agreement Name

8. Farm or Lease Name  
**T. D. Pope**

9. Well No.  
**1**

10. Field and Pool, or Wildcat  
**Denton Devonian**

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

12. County  
**Lea**

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

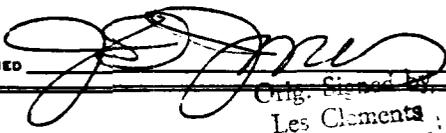
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Acidize</u> <input checked="" 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.

Propose to acidize present perms to increase production in the following manner:

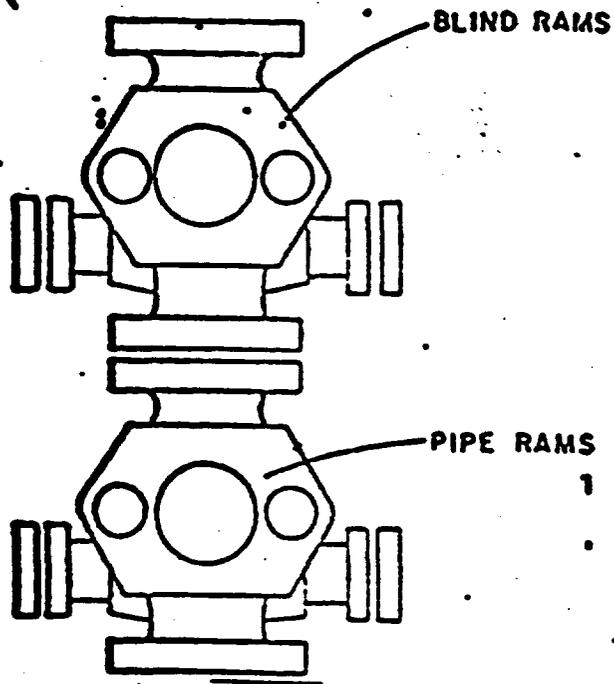
1. Rig up, install BOP. PUH w/completion assy.
2. GIH w/bit & CO to PBD 12,456'.
3. GIH & pull RBP. CO hole to 12,603' old PBD.
4. GIH w/tbg, pkr & RBP, set RBP @ 12,590', pkr @ 12,445'.
5. Acidize perms 12,460-590' w/18,000 gals 15% HCL NEA w/iron sequestering agent & friction reducer. Treat in 3 stages w/150# 50/50 mix benzoic acid flakes & rock salt between stages.
6. Pull up hole w/RBP, set @ 12,450' & pkr @ 12,260'.
7. Acidize perms 12,278-438' w/18,000 gals 15% HCL NEA w/iron sequestering agent & friction reducer. Treat in 4 equal stages w/500# 50/50 mix benzoic acid flakes & rock salt between stages.
8. FOH w/RBP & pkr.
9. RIH w/Kobe completion assy & return to production.

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 7/10/75

APPROVED BY Les Clements 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.** 1

**Location** 330' FSL & 330' FWL  
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.**

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

Form C-104  
Supersedes Old C-104 and C-11  
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 <b>T. D. Pope</b>	Well No. <b>1</b>	Pool Name, including Formation <b>Denton Devonian</b>	Kind of Lease <del>SEE XXXXX Fee</del> <b>Fee</b>	Lease No.
Location Unit Letter <b>M</b> ; <b>330</b> Feet From The <b>South</b> Line and <b>330</b> Feet From The <b>West</b> Line of Section <b>36</b> Township <b>14S</b> Range <b>37E</b> , NMPM, <b>Lea</b> 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"/> <b>AMOCO Pipeline Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>Box 1088, Lovington, New Mex. 88260</b>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Tipperary Resource Corporation</b>	Address (Give address to which approved copy of this form is to be sent) <b>500 West Illinois, Midland, Tex. 79701</b>
If well produces oil or liquids, give location of tanks. Unit <b>M</b> Sec. <b>36</b> Twp. <b>14S</b> Rge. <b>37E</b>	Is gas actually connected? <b>Yes</b> 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)  
6-1-70  
(Date)

OIL CONSERVATION COMMISSION

APPROVED **JUN 4 1970**, 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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	NATURAL GAS
PRODUCTION OFFICE	
OPERATOR	

**NEW ILLEGIBLE**

ION

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 <b>SINCLAIR OIL CORPORATION</b> <b>Sinclair Oil &amp; Gas Company</b>	Lease <b>T. D. Pope</b>	Well No. <b>1</b>
---	----------------------------	----------------------

Unit Letter <b>H</b>	Section <b>36</b>	Township <b>14S</b>	Range <b>37E</b>	County <b>Lea</b>
-------------------------	----------------------	------------------------	---------------------	----------------------

Pool <b>Denton (Doverian)</b>	Kind of Lease (State, Fed, Fee) <b>Fee</b>
----------------------------------	---

If well produces oil or condensate give location of tanks	Unit Letter <b>H</b>	Section <b>36</b>	Township <b>14S</b>	Range <b>37E</b>
---	-------------------------	----------------------	------------------------	---------------------

Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> <b>Service Pipe Line Company</b>	Address (give address to which approved copy of this form is to be sent) <b>Box 337, Midland, Texas</b>
--	--

Is Gas Actually Connected? Yes  No

Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/> <b>The Atlantic Refining Company</b>	Date Connected	Address (give address to which approved copy of this form is to be sent) <b>Box 696, Lovington, New Mexico</b>
---	----------------	---

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

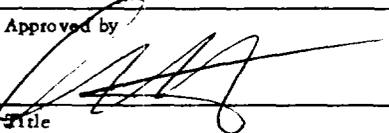
**REASON(S) FOR FILING (please check proper box)**

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

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, 1963.

OIL CONSERVATION COMMISSION	By 
	Title <b>District Superintendent</b>
Approved by 	Company <b>Sinclair Oil &amp; Gas Company</b>
Title	Address <b>520 East Broadway Hobbs, New Mexico</b>
Date <b>DEC 4 1963</b>	

DUPLICATE ILLEGIBLE

Form C-103  
(Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS AM 9 25

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

COMPANY Sinclair Oil & Gas Company - 520 East Broadway - Hobbs, New Mexico  
(Address)

LEASE T.B. Pope WELL NO. 1 UNIT N S 36 T 148 R 37E

DATE WORK PERFORMED As Above POOL Denton Damarian

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 12640 Dev. - Palled tbg. Perf. & Jet shots per ft. 2/12278-12320; 12332-12352; 12370-12390 & 12410-12432'. (440 holes)
- 11-26-58 12640 Dev. - Run 2" tbg., Packler & Bridge Plug. Set Retrivable Bridge Plug @ 12436'; tbg. @ 12286' w/Packler @ 12191'.
- 11-28-58 12640 Dev. - Acid. perf. 2/12278-320; 12332-352; 12370-390 & 12410-430 w/5000 gal. Reg. acid. Max. press. 3700#. Min. 3100#. Inj. rate 5.9 bbls. per min. SIP on vacuum.
- 11-30-58 12640 Dev. - Put well on pump.
- 12-2-58 12640 Dev. - On potential test pumped 110 bbls. now 45.6 Crty oil in 2 1/2 hrs. OOR 1160. Calendar day allowable 110 bbls.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3000 TD 12640 PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date 5-1-58  
Tbng. Dia 2" Tbng Depth 12588 Oil String Dia 4" Oil String Depth 12639  
Perf Interval (s) 12460-12590  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>11-15-58</u>	<u>12-2-58</u>
Oil Production, bbls. per day	<u>76</u>	<u>110</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>798</u>	<u>1160</u>
Gas Well Potential, Mcf per day	_____	_____
Witnessed by <u>Vernon Blask</u>	<u>Sinclair Oil &amp; 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 Oil & Gas Inspector  
Date DEC 8 1958

Name [Signature]  
Position District Superintendent  
Company Sinclair Oil & Gas Company

Orig & 2 cc: OCS  
cc: FHR, HFD, FLE  
cc: Shell Oil Co.; Reforn Oil Co.; Hord Oil & Gas Company

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.D. Papa WELL NO. 1 UNIT N S 36 T 145 R 37E

DATE WORK PERFORMED As shown POOL Denton Devonian

This is a Report of: (Check appropriate block)  Results of Test of Casing Shut-off  
 Beginning Drilling Operations  Remedial Work  
 Plugging  Other Acidize

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

1-16-58 12640' Devonian - Acidized thru perfs. f/12460 to 12590' w/10,000 gal. 20% acid. Max. press. 3350# - Min. press. zero. Inj. rate 6.7 bbls per min.

1-22-58 12640' Devonian - Pumped 110 bbls. new 47 Gvty. oil 24 hrs. GOR 1100  
Increasing production from 90 bbl. to 110 bbls. oil per calendar day.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3810 TD 12640 PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date 4-19-53

Tbng. Dia 2" Tbng Depth 12588 Oil String Dia 5-1/2" Oil String Depth 12639

Perf Interval (s) 12460 - 12590

Open Hole Interval \_\_\_\_\_ Producing Formation (s) Devonian

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test		<u>1-22-58</u>
Oil Production, bbls. per day	<u>90</u>	<u>110</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>779</u>	<u>1100</u>
Gas Well Potential, Mcf per day		
Witnessed by _____		

(Company)

OIL CONSERVATION COMMISSION

Name [Signature]  
Title At District  
Date \_\_\_\_\_

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

Name [Signature]  
Position C. C. Salter - Dist. Supt.  
Company Sinclair Oil & Gas Company

Orig & 3 cc: OCC  
cc: FHR, HFD, File

PARTNERS: cc: Shell Oil Co.; J.H. Nerd;  
John J. Redfern

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WORDS OFFICE 000

**DUPLICATE**

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		NOTICE OF INTENTION TO ACIDIZE	<b>X</b>	NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE	<b>X</b>	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** **F.D. Pope** Well No. **1** in **N**  
(Company or Operator) Lease (Unit)

**NW** ¼ **NW** ¼ of Sec. **36**, T. **14N**, 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: Perforate additional Devonian Zone f/12278-12320, 12332-12352, 12370-12390 and 12410-12438 w/4 jet shots per foot. Acidize above perforations w/5000 gals acid.**

NOV 25 1958

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

Approved  
OIL CONSERVATION COMMISSION

By: *[Signature]*  
Title: **Oil & Gas Inspector**

**Sinclair Oil & Gas Company**  
Company or Operator

By: *[Signature]*

Position: **Asst. Dist. Supt.**  
Send Communications regarding well to:

Name: **L.M. Sellers**

Address: **520 E Broadway, Hobbs, N.M.**  
**cc: Shell Oil Co; Redfern Oil Co.**  
**Herd Oil & Gas Co.**

Orig & 2cc: GCC; cc: PFR, HFD, File

# ILLEGIBLE

## OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

# RECEIVED

MAY 27 1953

### WELL RECORD

Mail to District Office, Oil Conservation Commission, Santa Fe, New Mexico, 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. **1**, in **SW** 1/4 of **SW** 1/4, of Sec. **36**, T. **14 S**, R. **37 E**, NMPM.

**Denton** Pool,

**Lea** County.

Well is **330** feet from **South** line and **330** feet from **West** line of Section **36-14S-37E**. If State Land the Oil and Gas Lease No. is \_\_\_\_\_

Drilling Commenced **12-12-52**, 19\_\_\_\_ Drilling was Completed **4-19-53**, 19\_\_\_\_

Name of Drilling Contractor **Warren-Brodshaw Exploration Company**

Address **Tulsa, Oklahoma**

Elevation above sea level at Top of Tubing Head **3796**. The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_

#### OIL SANDS OR ZONES

No. 1, from **9179** to **9254** No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from **12440 12900** to **12640** 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

#### CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8	36	N	316	Hardin			
8 5/8	32 & 24	N	4767	"			
5 1/2	20 & 17	N	12639	"		12440-12990	oil
2 UB	4.7	N	12908	"			

#### 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 1/8	13 3/8	316	400	Halliburton		
11	8 5/8	4767	1700	"		
7 7/8	5 1/2	12639	900	"		

#### RECORD OF PRODUCTION AND STIMULATION

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

Acidised w/1,000 Gal. Mud acid, 2,000 gal. of 15% low tension acid and 5,000 Gal. of 15% lowtension acid.

Result of Production Stimulation: **After 5,000 gallon treatment flowed in 20 hours, 314 Bbl. of load oil, 290 Bbl. of new oil, and 49 Bbl. of acid water. Last 6 hrs. flowed @ 27 Bbl. per hour.**

Depth Cleaned Out **12603**

LOG OF DRILL-STEM AND SPECIAL

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 12640 feet, and from feet to feet. Cable tools were used from None feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 5-1-53, 1953

OIL WELL: The production during the first 24 hours was 618 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I.

Gravity 45.7

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

Table listing geological formations such as Anhy, Salt, B. Salt, Yates, 7 Rivers, Queen, Grayburg, San Andres, Glorieta, Drinkard, Tubbs, Abo, Penn, Miss, Devonian, Silurian, Montoya, Simpson, McKee, Ellenburger, Gr. Wash, Granite, Ojo Alamo, Kirtland-Fruitland, Farmington, Pictured Cliffs, Menefee, Point Lookout, Mancos, Dakota, Morrison, Penn.

FORMATION RECORD

Table with columns: From, To, Thickness in Feet, Formation. Contains detailed stratigraphic data for the well, including formations like Surface Sand & Caliche, Shells & Redbed, Redbed, Redbed & Shells, etc.

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.

May 25, 1953

Company or Operator: Sinclair Oil & Gas Company
Name: C. C. SALTER

Address: Box 1927 Hobbs, New Mexico
Position or Title: Dist. Supt.

**NEW MEXICO OIL AND GAS COMMISSION**  
**Santa Fe, New Mexico**

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 Sinclair Oil & Gas Company Lease T. D. Pope  
Address Box 1927 Hobbs, N.M. Box 521 Tulsa, Okla.  
(Local or Field Office) (Principal Place of Business)  
Unit M, Well(s) No. 1, Sec. 36, T. 14 N, 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  
(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:

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

Executed this the 4th day of May, 1953

Sinclair Oil & Gas Company

Approved 5-6, 1953

By Bob Satter

OIL CONSERVATION COMMISSION  
By Ray O. Quatrocy  
Title Gas Inspector

Title Dist. Sup t.

**QUADRUPPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

**REQUEST FOR (OIL) - (GAS) ALLOWABLE**

**RECEIVED**  
New Well  
Recompletion  
MAY 6 1953

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 5-4-53  
(Place) (Date)

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

Sinclair Oil & Gas Company T. D. Pope, Well No. 1, in SW 1/4 SW 1/4,  
(Company or Operator) (Lease)  
N, Sec. 36, T. 14 S, R. 37 E, NMPM, Denton Pool  
(Unit)  
Lea County. Date Spudded 12-12-52, Date Completed 5-3-53

Please indicate location:


Elevation 3800 Total Depth 12640 P.B. 12609

Top oil/gas pay 12460 Prod. Form Devonian

Casing Perforations: 12460 to 12590 or

Depth to Casing shoe of Prod. String.....

Natural Prod. Test..... BOPD

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

Test after acid or shot..... 648 BOPD

Based on 162 STX bbls. Oil in 6 Hrs..... Mins.

Gas Well Potential.....

Size choke in inches 3/4

Date first oil run to tanks or gas to Transmission system: May 1, 1953

Transporter taking Oil or Gas: SERVICE PIPE LINE COMPANY

Casing and Cementing Record

Size	Feet	Sax
<u>13 3/8"</u> <u>12 7/8"</u>	<u>316</u>	<u>400</u>
<u>8 5/8"</u>	<u>4769</u>	<u>1700</u>
<u>5 1/2"</u>	<u>12639</u>	<u>900</u>
<u>2" UE</u>	<u>12588</u>	

Remarks: .....

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Approved 5-6, 1953 Sinclair Oil & Gas Co.  
(Company or Operator)

OIL CONSERVATION COMMISSION  
By: Ray Yarbrough  
Title Oil & Gas Inspector

By: Ed Satter  
(Signature)  
Title Dist. Supt.  
Send Communications regarding well to:  
Name Sinclair Oil & Gas Company  
Address Box 1927 Hobbs, N.M.

**DUPLICATE**

(Form C-103)  
(Revised 7/1/52)

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**MISCELLANEOUS REPORTS ON WELLS**

**RECEIVED**  
OIL CONSERVATION COMMISSION  
MAY 10 1953

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) <b>Acid</b>	<b>X</b>

**5-4-53**  
(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**

**T. D. Pope**

(Company or Operator)

(Lease)

**Warren-Bradshaw Exploration Co.**

Well No. **1** in the **SW**  $\frac{1}{4}$  **SW**  $\frac{1}{4}$  of Sec. **36**

(Contractor)

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

The Dates of this work were as follows: **5-3-53**

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**

**TD 12640 - FB 12603'**

Acidised thru perforations in 5 1/2" casing from 12460 to 12590 with 5,000 gallons of 15% low tension acid. flowed in 20 hours 314 Ebl. of load oil, 290 Ebl. of new oil and 49 Ebl. of acid water. Last 6 hours flowed @ 27 Ebl. per hour.

Witnessed by **Harold W. Shaner**  
(Name)

**Sinclair Oil & Gas Co.**  
(Company)

**Foreman**  
(Title)

Approved: **OIL CONSERVATION COMMISSION**

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

*Roy Yurkovich*  
(Name)

Name **Bob Satter**

Position **Dist. Supt.**

**Oil & Gas Inspector**  
(Title)

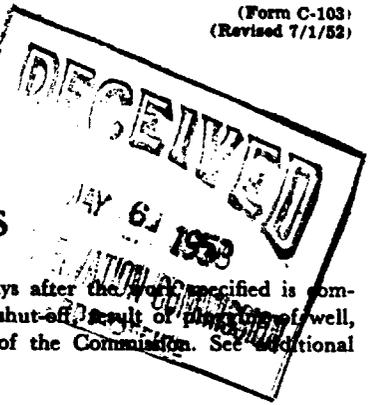
Representing **Sinclair Oil & Gas Co.**

Address **Box 1927 Hobbs, N.M.**

**MAY 6 1953**  
(Date)



NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico



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) <b>Acid</b>	<input checked="" type="checkbox"/>

5-4-53  
(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. 1 in the SW  $\frac{1}{4}$  SW  $\frac{1}{4}$  of Sec. 36

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

The Dates of this work were as follows: 4-22-53, 4-26-53, 4-29-53, 5-1-53

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

ID 12640

Set 5 1/2" OD casing @ 12639 w/900 sacks cement. Let set 72 hours and drilled plug to 12603, tested casing for 30 minutes with 750# pressure. No decrease in pressure.

Perforated 5 1/2" casing from 12460' to 12590' with 520 1/2" jet shots, Ran 12588' of 2" UB tubing and displaced mud with water. Swabbed 44 hours, recovered lead water and 13 1/2 Bbl. of oil.

Acidised with 1,000 gallons of mud acid, swabbed 40 hours and recovered 264 Bbl. of lead and acid water plus 237 Bbl. of new oil.

Acidised with 2,000 gallons of 15 % Low tension, swabbed 35 hours and recovered 227 Bbl. of new oil and 19 barrels of acid water.

Witnessed by Harold W. Shaner  
(Name)

Sinclair Oil & Gas Co.  
(Company)

Foreman  
(Title)

Approved: OIL CONSERVATION COMMISSION

Roy Garbrough  
(Name)  
Gas Inspector  
(Title)

MAY 6 1953  
(Date)

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

Name Ed. Satter  
Position Dist. Supt.  
Representing Sinclair Oil & Gas Co.  
Address Box 1927 Hobbs, N.M.

Order & cost  
**TRIPPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

**RECEIVED**  
JAN 18 1953  
OIL CONSERVATION

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 12, 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

**Sinclair Oil & Gas Company**  
(Company or Operator)

**T. D. Pope**  
(Lease)

**Warren-Bradshaw Exploration Co.**, Well No. **1** in the **SW** 1/4 **SW** 1/4 of Sec. **36**,  
(Contractor)

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

The Dates of this work were as follows: **Jan 5, 1953**

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.  
(Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

ID 4773

Set 8 5/8" casing @ 4769 and cemented w/1700 sacks cement

Let set 48 Hrs. and tested with 1000# pump pressure - for 1 hour - No decrease in pressure and resumed drilling.

Witnessed by **H. W. Shaner**  
(Name)

**Sinclair Oil & Gas Co.** **Foreman**  
(Company) (Title)

Approved: OIL CONSERVATION COMMISSION

*Ray Yankovich*  
(Name)  
Inspector

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

Name *Ed Satter*

Position **Dist. Supt.**

Representing **Box 1927 Hobbs, N.M.**

(Title) (Date) **JAN 14 1953**

Address

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**RECEIVED**  
JAN 13 1953  
OIL CONSERVATION COMMISSION  
DISTRICT 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 12, 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

**Sinclair Oil & Gas Company**  
(Company or Operator)

**T. D. Pope**  
(Lease)

**Warren-Bradshaw Exploration Co.**  
(Contractor)

Well No. **1** in the **SW**  $\frac{1}{4}$  **SW**  $\frac{1}{4}$  of Sec. **36**

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

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....., and approval of the proposed plan (was) (was not) obtained.  
(Cross out incorrect words)

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

**Spudded 12-12-52**

**Set 13 3/8" Spiral weld casing @ 316 with 400 sacks of common cement - Circulated to surface**

**12-13-52 - Let set 24 hours and tested with 1200# pump pressure - Tested OK and resumed drilling**

Witnessed by **Joe Mefford**  
(Name)

**Sinclair Oil & Gas Co.**  
(Company)

**Foreman**  
(Title)

Approved: **OIL CONSERVATION COMMISSION**

*Ray Yarrrough*  
(Name)  
**& Gas Inspector**  
(Title)

**1953**  
(Date)

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

Name *Ed. Little*

Position **Dist. Supt.**

Representing **Sinclair Oil & Gas Co.**

Address **Box 1927 Hobbs, N.M.**

**DUPLICATE** **NEW** **TEXT** **ILLEGIBLE** **SECTION**

**RECEIVED**  
NOV 12 1952  
HEAD OFFICE

**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 shall be returned to the District Office. 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)

**November 10, 1952**

(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. **1**, in **32** (Unit) The well is

located **130** feet from the **North** line and **130** feet from the

**West**

line of Section **36**, T. **14-S**, R. **17-E**, NMPM.

(GIVE LOCATION FROM SECTION LINE) **Section** Pool, **1st** County

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

If patented land the owner is **(See list 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
<b>17"</b>	<b>13-3/8"</b>	<b>36#</b>	<b>New</b>	<b>350'</b>	<b>325</b>
<b>8-5/8"</b>	<b>12-1/4"</b>	<b>24 &amp; 32#</b>	<b>"</b>	<b>4750'</b>	<b>1300</b>
<b>8-3/8"</b>	<b>5-1/2"</b>	<b>15, 17 and 20#</b>	<b>"</b>	<b>12800'</b>	<b>1000</b>

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 **NOV 12 1952**, 19 **---**  
Except as follows:

**OIL CONSERVATION COMMISSION**

By **R. S. Blyum**  
Title **Engineer District 1**

Sincerely yours,

**SINCLAIR OIL & GAS COMPANY**

(Company or Operator)

By **T. E. HANNEY**

Position **Vice-President**

Send Communications regarding well to

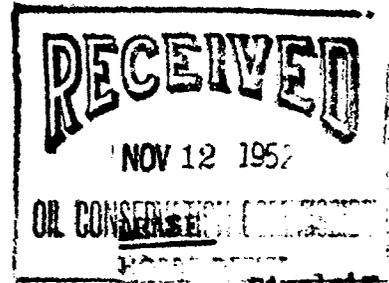
Name **T. E. Hanney**

Address **Sinclair Oil & Gas Company**

**P.O. Box 521, Tulsa 2, Oklahoma**

LIST OF MINERAL OWNERS  
W/2 Section 36, Twp. 14 South, Range 37 East

<u>NAME</u>	<u>INTEREST</u>	<u>LEASE</u>
Harry Lange	5/960	O Sinclair
Stanley F. Jackes	20/960	U John Herd 40% John J. Redfern 60%
Roy V. Flash	15/960	K Shell Oil Co.
B. D. Buckley	40/960	H Sinclair O & G.
Erle Payne and 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, Fonso Fort, guardian	80/960	A "
A. T. Pope	100/960	A "
C. A. Pope	120/960	A "
Mrs. J. E. 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	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 Oil & G
Rosalind Redfern	9/960	Not Leased. Leased to John J. Redfern, Jr.
Wm. B. Jonnston, 710 Marienfield, Midland, Texas	3/960	R Sinclair Oil & G



<u>NAME</u>	<u>INTEREST</u>		
(Rosalind Redfern	60% of 45/960		
(J. H. Nerd	40% of 45/960		Sinclair O & C
H. L. Brown & W. R. Wheeler	120/960	A	Sinclair O & C
Paul L. Davis	37.5/960	A	"
Harry Adams & L. H. Tyson	15/960	A	"
W. B. Collins	7.5/960	A	"
Ralph Lowe	20/960	A	"
Lessing Alch & Mary Alch, his wife	5/960	V	Nerd & Redfern

