

PNRMO333527197

C-103 Received 2-25-03
DHC No. Assigned 3-26-03

| Order Number | API Number | Operator | County | | | |
|--------------|--------------|------------------------|----------|-----|----------|----------|
| HOB-0055 | 30-025-35256 | Pogo Producing Company | Lea | | | |
| Order Date | Well Name | Number | Location | | | |
| | WBR Federal | 005 | N | 13 | 22S | 32E |
| | | | UL | Sec | T (+Dir) | R (+Dir) |
| Pool 1 | Oil % | Gas % | | | | |
| 51689 | 45% | 17% | | | | |
| Pool 2 | Oil % | Gas % | | | | |
| 51683 | 55% | 83% | | | | |
| Pool 3 | Oil % | Gas % | | | | |
| | | | | | | |
| Pool 4 | Oil % | Gas % | | | | |
| | | | | | | |

Comments: Work completed effective _____
Work cancelled effective _____
Supplement _____

12-1-2003
Posted to
RBA ML 

DOWNHOLE COMMINGLE CALCULATIONS:

30-025-35256
HOB-0055

OPERATOR: Pogo Producing Company

PROPERTY NAME: WBR Federal

WNULSTR: 5-N, 13-22-32

51689

SECTION I:
POOL NO. 1 Red Tank Delaware, West

ALLOWABLE AMOUNT
230 460 MCF 2000

51683

POOL NO. 2 Red Tank Bone Spring

275 550 MCF 2000

POOL NO. 3 _____

_____ MCF

POOL NO. 4 _____

_____ MCF

POOL TOTALS 505 1010

ARED66000

SECTION II:
POOL NO. 1 Red Tank Delaware, West

Oil Gas
45% 17%

ARED50000

POOL NO. 2 Red Tank Bone Spring

55% X 505 = 277.75 83%

POOL NO. 3 _____

POOL NO. 4 _____

OIL

GAS

SECTION III:
230 ÷ 55% = 418.19 (419)

SECTION IV:
419 X 45% = 188.55 (189)
419 X 55% = 230.45 (230)

Submit 3 Copies To Appropriate District Office
 District I
 1625 N French Dr., Hobbs, NM 88240
 District II
 1301 W Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

| |
|---|
| WELL API NO. 30-025-35256 |
| 5. Indicate Type of Lease FEDERAL <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. Federal Oil & Gas Lease No. NM-58940 |
| 7. Lease Name or Unit Agreement Name: WBR FEDERAL |
| 8. Well No. 5 |
| 9. Pool name or Wildcat RED TANK DELAWARE, WEST |
| 10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3699 FT GR |

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

1. Type of Well:
 Oil Well Gas Well Other

2. Name of Operator
 POGO PRODUCING COMPANY

3. Address of Operator
 P. O. BOX 10340, MIDLAND, TEXAS 79702-7340

4. Well Location
 Unit Letter N : 660 feet from the SOUTH line and 2310 feet from the WEST line
 Section 13 Township 22-S Range 32-E NMPM 6TH 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"/> | MULTIPLE COMPLETION <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> | |
| OTHER: DOWNHOLE COMMINGLING <input checked="" type="checkbox"/> | | OTHER: <input type="checkbox"/> | |

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

PROPOSAL TO DOWNHOLE COMMINGLE PRODUCTION FROM THE RED TANK DELAWARE, WEST AND RED TANK BONE SPRING POOLS. THESE POOLS WERE PRE-APPROVED FOR DOWNHOLE COMMINGLING BY DIVISION ORDER NO. R-11363. PLEASE SEE ATTACHED FORM C-107A FOR REQUIRED INFORMATION AND CONDITIONS. BECAUSE THIS IS A FEDERAL TRACT, NOTIFICATION OF THIS PROPOSAL HAS BEEN SENT TO: BUREAU OF LAND MANAGEMENT, 2909 W. 2ND STREET, ROSWELL, NEW MEXICO 88201 WITH SUNDRY NOTICE FORM 3160-5.

Assigned 3-26-03 (cgm)
 DHC Order No. HOB-0055

3-25-03
FEB 2003

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

SIGNATURE Mark V. Kelley TITLE Sr. Petroleum Engineer DATE 2/21/03

RECEIVED
 Hobbs
 000

Type or print name Mark V. Kelley Telephone No. 915-685-8100

(This space for State use)

APPROVED BY PAUL F. KAUTZ TITLE PETROLEUM ENGINEER DATE MAR 20 2003

Conditions of approval, if any

J
 C.
 K

ACT II
over ED, Artesia, NM 88211-0719

DISTRICT III
90 Rio Brazos Rd., Artesia, NM 87410

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

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|----------------------------|---|--------------------|------------------------------------|
| API Number 30-025-35256 | | Pool Code 51683 | Pool Name Red Tank; Bone Spring |
| Property Code 9350 | Property Name WBR FEDERAL | | Well Number 5 |
| OGRID No. 017891 | Operator Name POGO PRODUCING COMPANY | | Elevation 3699 |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N | 13 | 22 S | 32 E | | 660 | SOUTH | 2310 | WEST | LEA |

Bottom Hole Location if Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------------|---------|-----------------|--------------------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |
| Dedicated Acres 40 | | Joint or Infill | Consolidation Code | | Order No. | | | | |

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

| | |
|--|---|
| | <p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Barrett L. Smith</i> Signature Barrett L. Smith Printed Name Div. Operations Engr. Title 2-20-03 Date</p> |
| | <p>SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>OCTOBER 7, 2000 Date Surveyed JLP</p> <p>Signature & Seal of Professional Surveyor <i>Ronald G. Edson</i> W.D. Num. 00-11-170</p> <p>Certificate No. RONALD G. EDSON, 3239 GARY G. EDSON, 12941</p> |
| | <p>FEB 2003 Hobbs OCD</p> |
| | |

ACT II
over RD, Artesia, NM 88211-0710

DISTRICT III
000 Rio Brazos Rd., Artesia, NM 87410

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

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|----------------------------|---|---------------------------------------|
| API Number 30-025-35256 | Pool Code 51689 | Pool Name Red Tank; Delaware, West |
| Property Code 9350 | Property Name WBR FEDERAL | Well Number 5 |
| OGRID No. 017891 | Operator Name POGO PRODUCING COMPANY | Elevation 3699 |

Surface Location

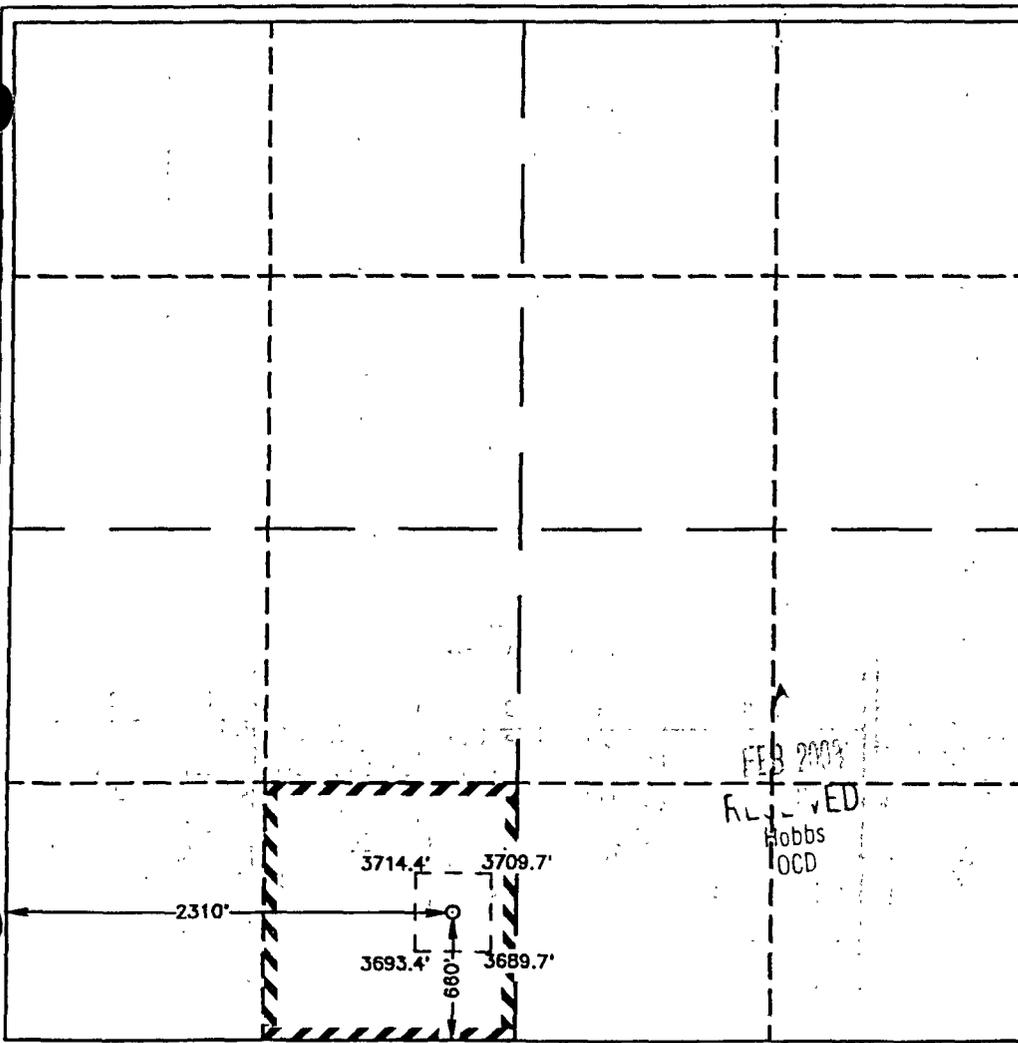
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N | 13 | 22 S | 32 E | | 660 | SOUTH | 2310 | WEST | LEA |

Bottom Hole Location If Different From Surface

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

| | | | |
|-----------------------|-----------------|--------------------|-----------|
| Dedicated Acres 40 | Joint or Infill | Consolidation Code | Order No. |
|-----------------------|-----------------|--------------------|-----------|

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



OPERATOR CERTIFICATION

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

Barrett L. Smith
Signature
Barrett L. Smith
Printed Name
Div. Operations Engr.
Title
2-20-03
Date

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 belief.

OCTOBER 7, 2000
Date Surveyed JLP

Ronald J. Edson
Signature & Seal of Professional Surveyor
W.D. Num. 00-11170

Certificate No. RONALD J. EDSON, 3239
GARY G. EDSON, 12641

FEB 2003
RECEIVED
Hobbs
OCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

| |
|---|
| 5. Lease Serial No. NM-58940 |
| 6. If Indian, Allottee or Tribe Name |
| 7. If Unit or CA/Agreement, Name and/or No |
| 8. Well Name and No. WBR Federal Well#5 |
| 9. API Well No. 30-025-35256 |
| 10. Field and Pool, or Exploratory Area Red Tank, Delaware, W. |
| 11. County or Parish, State Lea County, NM |

~~TRIPPLICATE~~ **SUBMIT IN TRIPPLICATE - Other instructions on reverse side**

| | |
|--|--|
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | |
| 2. Name of Operator Pogo Producing Company | |
| 3a. Address P.O. Box 10340, Midland, TX 79702 | 3b. Phone No. (include area code) (915)685-8100 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FSL, 2310' FWL, Sec. 13, T-22-S, R-32-E | |

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Downhole</u> |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>Commingling</u> |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Notification of proposal to NMOCD to commingle production from the Red Tank Delaware, West and Red Tank Bone Spring pools. These pools were pre-approved for downhole commingling by Division Order No. R-11363. Please see NMOCD Form C-103 with attachments requesting NMOCD approval.

ED
Robbs
OCD

| | |
|---|---------------------------------|
| 14. I hereby certify that the foregoing is true and correct | |
| Name (Printed/Typed) Mark V. Kelley | Title Sr. Petroleum Engineer |
| Signature <i>Mark V. Kelley</i> | Date 2-21-03 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|--------|------|
| Approved by | Title | Date |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office | |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

ct II

1st First Street, Artesia, NM 88210

OIL CONSERVATION DIVISION
2040 South Pacheco

APPLICATION TYPE
X Single

District III

Well
1000 Rio Brazos Road, Aztec, NM 87410

Santa Fe, New Mexico 87505

Establish Pre-Approved Pools
EXISTING WELLBORE
X Yes ___ No

District IV

2040 South Pacheco, Santa Fe, NM 87505

APPLICATION FOR DOWNHOLE COMMINGLING

Pogo Producing Company P. O. Box 10340 Midland, TX 79702-7340

Operator Address
WBR Federal 5 N, Sec 13, T-22-S, R-32-E Lea

Lease Well No. Unit Letter-Section-Township-Range County
017891 9350 30-025-35256 X

OGRID No. Property Code API No. Lease Type: Federal State Fee

| DATA ELEMENT | UPPER ZONE | INTERMEDIATE ZONE | LOWER ZONE |
|---|--|--|--|
| Pool Name | Red Tank; Delaware, West | | Red Tank; Bone Spring |
| Pool Code | 51689 | | 51683 |
| Top and Bottom of Pay Section (Perforated or Open-Hole Interval) | Perforations 8424' - 8446' | | Perforations 8842' - 9888' OA |
| Method of Production (Flowing or Artificial Lift) | Artificial Lift | | Artificial Lift |
| Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone) | Current NOT REQUIRED Original NOT REQUIRED | | Current NOT REQUIRED Original NOT REQUIRED |
| Oil Gravity or Gas BTU (Degree API or Gas BTU) | NOT REQUIRED | | NOT REQUIRED |
| Producing, Shut-In or New Zone | Producing | | Shut-In |
| Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data) | Dates: 2-11-03 Rates: 24 BO, 89 BW, 31 MCF | Date: Rates: | Date: 8-10-02 Rates: 29 BO, 0 BW, 150 MCF |
| Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required) | Oil Gas 45 % 17 % | Oil Gas % % | Oil Gas 55 % 83 % |

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes X No ___
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ___ No ___

Are all produced fluids from all commingled zones compatible with each other? Yes X No ___

Will commingling decrease the value of production? Yes ___ No X

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes X No ___

NMOCD Reference Case No. applicable to this well: _____

- Attachments:
- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
 - Production curve for each zone for at least one year. (If not available, attach explanation.)
 - For zones with no production history, estimated production rates and supporting data.
 - Data to support allocation method or formula.
 - Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
 - Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Mark V. Kelley TITLE Sr. Petroleum Engineer DATE 2-21-2003
Mark V. Kelley 915 685-8100

TYPE OR PRINT NAME _____ TELEPHONE NO. () _____

District I 1625 N French Dr., Hobbs, NM 88240
District II 1301 W. Grand Ave., Artesia, NM 88210
District III 1000 Rio Brazos Rd., Aztec, NM 87410
District IV 1220 S St Francis Dr, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-35256
5. Indicate Type of Lease FEDERAL X FEE
6. Federal Oil & Gas Lease No. NM-58940
7. Lease Name or Unit Agreement Name: WBR FEDERAL
8. Well No. 5
9. Pool name or Wildcat RED TANK DELAWARE, WEST
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3699 FT GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)
1. Type of Well: Oil Well X Gas Well Other
2. Name of Operator POGO PRODUCING COMPANY
3. Address of Operator P. O. BOX 10340, MIDLAND, TEXAS 79702-7340
4. Well Location Unit Letter N : 660 feet from the SOUTH line and 2310 feet from the WEST line
Section 13 Township 22-S Range 32-E NMPM 6TH County LEA

11. 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 MULTIPLE COMPLETION
OTHER: DOWNHOLE COMMINGLING X
SUBSEQUENT REPORT OF:
REMEDIAL WORK ALTERING CASING
COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT
CASING TEST AND CEMENT JOB
OTHER:

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

PROPOSAL TO DOWNHOLE COMMINGLE PRODUCTION FROM THE RED TANK DELAWARE, WEST AND RED TANK BONE SPRING POOLS. THESE POOLS WERE PRE-APPROVED FOR DOWNHOLE COMMINGLING BY DIVISION ORDER NO. R-11363. PLEASE SEE ATTACHED FORM C-107A FOR REQUIRED INFORMATION AND CONDITIONS. BECAUSE THIS IS A FEDERAL TRACT, NOTIFICATION OF THIS PROPOSAL HAS BEEN SENT TO: BUREAU OF LAND MANAGEMENT, 2909 W. 2ND STREET, ROSWELL, NEW MEXICO 88201 WITH SUNDRY NOTICE FORM 3160-5.

Assigned 3-26-03 (ym)
DHC Order No. HOB-0055

2-25-03
FEB 2003

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE Mark V Kelley TITLE Sr. Petroleum Engineer DATE 2/21/03
Type or print name Mark V. Kelley Telephone No. 915-685-8100

RECEIVED
Hobbs
OCG

(This space for State use) ORIGINAL SIGNED BY
APPROVED BY PAUL F. KAUTZ TITLE PETROLEUM ENGINEER DATE
Conditions of approval, if any

MAR 20 2003

U
R.C.

CMD :
OG6C101

ONGARD
C101-APPLICATION FOR PERMIT TO DRILL

03/26/03 08:18:41
OGODM -TPF0

OGRID Idn : 17891 API Well No: 30 25 35256 APD Status(A/C/P): A
Opr Name, Addr: POGO PRODUCING CO Aprvl/Cncl Date : 08-25-2002
PO BOX 10340
MIDLAND, TX 79702-7340

Prop Idn: 9350 WBR FEDERAL Well No: 5

| | U/L | Sec | Township | Range | Lot | Idn | North/South | East/West |
|------------------|-----|-----|--------------|-------|-----|-----|-------------|--------------|
| Surface Locn : N | 13 | 22S | 32E | | | | FTG 660 F S | FTG 2310 F W |
| OCD U/L : N | | | API County : | 25 | | | | |

Work typ(N/E/D/P/A) : P Well typ(O/G/M/I/S/W/C): O Cable/Rotary (C/R) : R
Lease typ(F/S/P/N/J/U/I): F Ground Level Elevation : 3699

State Lease No: Multiple Comp (S/M/C) : S
Prpsd Depth : 15400 Prpsd Frmtn : DELAWARE

E0009: Enter data to modify record

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 PF08 PF09 PRINT PF10 C102 PF11 HISTORY PF12

915-685-8130
Tom Lantry