

County LeaPool Shipp-Strawn

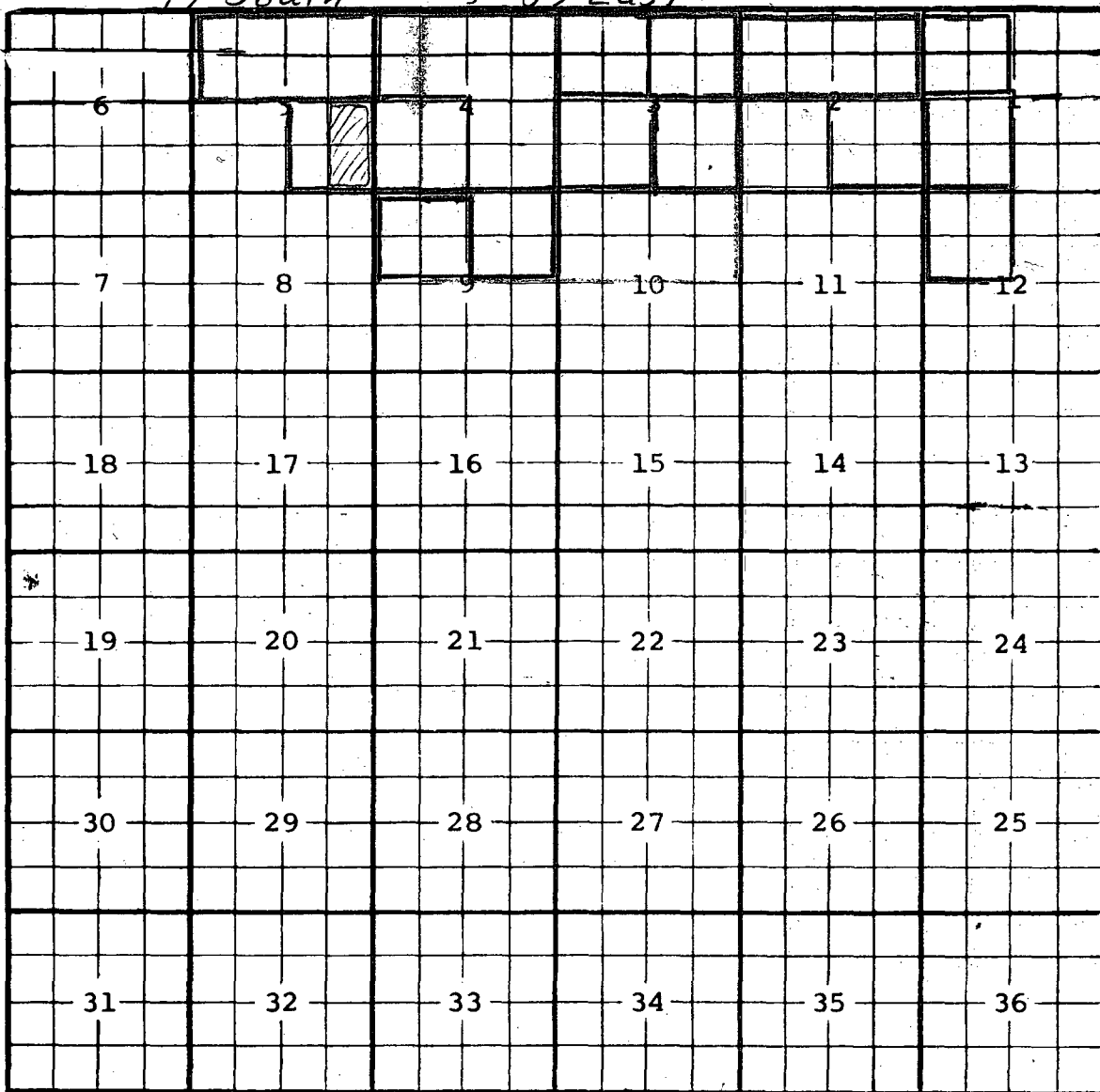
TOWNSHIP

17 South

Range

32 East

NMPPM



Description: All Sec. 3, $E/2$ and $E/2 W/2$ Sec. 4, $NE/4$ and $E/2 NW/4$ Sec. 9, $N/2$ Sec. 10 (R-8062, 10-31-85)

Amend horizontal limits to be $N/2$ and $SE/4$ Sec. 4 ^{only} (R-8062-A, 1-21-86)

Ext: $NE/4$ Sec. 9 (R-8214, 5-1-86) Ext: $NW/4$ Sec. 9 (R-8340, 11-3-86)

Ext: $NW/4$ Sec. 3 (R-8409, 3-7-87) Ext: $NE/4$ Sec. 3 (R-8451, 6-3-87)

Ext: $SE/4$ SEC 3 (R-8533, 10/28/87) Ext: $N/2$ SEC 5 (R-8603, 2/1/88)

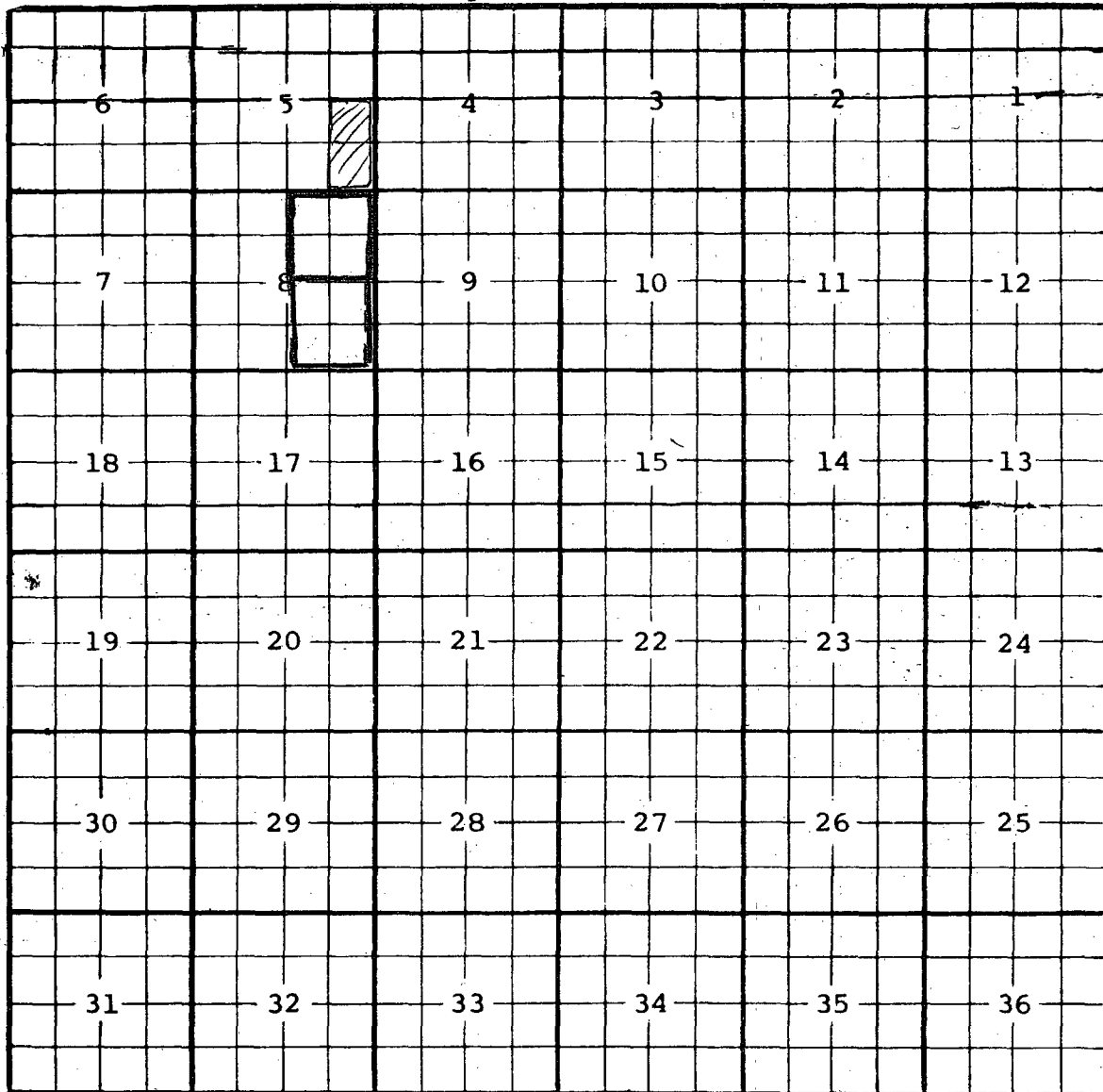
Ext: $N/2$ SEC 2, $SW/4$ SEC 3 (R-8626, 4/1/88) Ext: $SW/4$ sec 2 (R-8856, 1-25-89)

Ext: $SW/4$ sec 1 (R-8901, 4-1-89) Ext: $SE/4$ sec 2, $NW/4$ sec 12 (R-9741, 9-1-89)

Ext: $NW/4$ SEC 1 (R-8772, 11-1-88) Ext: $SW/4$ SEC 4, $SE/4$ SEC 5 (R-9472, 4-1-91)

County Lea Pool Midway - Strawn

TOWNSHIP 17 South Range 37 East NMPM



Desc: Sec. 8 NE/4 (R-6876, 1-22-82)

Ext: SE/4 Sec. 8 (R-9937, 8-17-93)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-78

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

| | |
|--------------------------------|---|
| 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 ☐ GAS WELL ☐ OTHER Dry hole

2. Name of Operator
Read & Stevens, Inc.

3. Address of Operator
P.O. Box 1518, Roswell, NM 88201

4. Location of Well

UNIT LETTER P 330 FEET FROM THE South LINE AND 660 FEET FROM
THE East LINE. SECTION 5 TOWNSHIP 17S RANGE 37E NMPM

5. Elevation (Show whether DF, RT, GR, etc.)
3789.6' GL

7. Unit Agreement Name

8. Farm or Lease Name
Blackmar

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat

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 ☒

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.

9-5-84 Pulled tbg, set CIBP @ 4800', dumped 35' cmt on top of plug, ran tbg to 4725', circ hole w/mud, pulled tbg to 4507'.

9-6-84 Pulled wellhead & slips, cut csg @ 2530', pulled 161jts 4 1/2" csg, spot 40sx 2580'-2393', prep to tag plug, SDON.

9-7-84 Plug tagged @ 2451', pulled tbg to 2047', spot 40sx cmt, plug 1910'-2047', pull tbg, spot 10sx @ surface w/dryhole marker. Waiting to clean location, will notify commission when location is cleaned.

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

SIGNED Bruce Stubble

TITLE Drilling & Production Manager

DATE 9-12-84

APPROVED BY

Ronald M. [Signature]

OIL & GAS INSPECTOR

DATE JAN 16 1985

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-78

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

| | |
|--------------------------------|---|
| 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.)

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

| | | |
|--------------------------------------|-----------------------------------|----------------|
| 1. OIL WELL <input type="checkbox"/> | GAS WELL <input type="checkbox"/> | OTHER Dry hole |
|--------------------------------------|-----------------------------------|----------------|

| |
|------------------------|
| 7. Unit Agreement Name |
|------------------------|

| |
|---|
| 2. Name of Operator Read & Stevens, Inc. |
|---|

| |
|-----------------------------------|
| 8. Farm or Lease Name Blackmar |
|-----------------------------------|

| |
|--|
| 3. Address of Operator P.O. Box 1518, Roswell, NM 88201 |
|--|

| |
|------------------|
| 9. Well No. 1 |
|------------------|

| |
|--|
| 4. Location of Well UNIT LETTER P 330 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE, SECTION 5 TOWNSHIP 17S RANGE 37E NMPM |
|--|

| |
|---|
| 10. Field and Pool, or Wildcat Wildcat |
|---|

| |
|--|
| 5. Elevation(Show whether DF,RT,GR,etc.) 3789.6' GL |
|--|

| | |
|-------------------|--|
| 12. County Lea | XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX |
|-------------------|--|

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

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

SUBSEQUENT REPORT OF:

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

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) Set CIBP @ 4800', spot 35' of cmt on plug w/dump baller.
- 2) Circulate hole with mud.
- 3) Spot 25sx plug from 4500' to 4400' across 8 5/8" casing shoe @ 4450'.
- 4) Cut csq @ +2600', pull csq, spot 25sx plug @ 2550' to 2650' across csq stub.
- 5) Spot 100' plug 1950' to 2050', 35sx cmt, top of salt plug.
- 6) Spot 10sx surface plug w/dry hole marker.
- 7) Clean location and prep for inspection.

OPERATOR MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF DRILLING OPERATIONS FOR THIS WELL.

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

SIGNED [Signature]

TITLE Drilling & Production Manager

DATE 8-30-84

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT SUPERVISOR

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

**NEW MEXICO 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 Read & Stevens, Inc. | |
| Address P.O. Box 1518, Roswell, NM 88201 | |
| Reason(s) for filing (Check proper box) | Other (Please explain) <i>150 BO</i> |
| New Well <input checked="" type="checkbox"/> | Change in Transporter Of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> |
| Recompletion <input type="checkbox"/> | Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> |
| Change in Ownership <input type="checkbox"/> | |

If change of ownership give name and address of previous owner

I. DESCRIPTION OF WELL AND LEASE

| | | | | |
|--|---------------|---|----------------------|-----------|
| Lease Name Blackmer | Well No. 1 | Pool Name, including Formation Wildcat- <i>Laddock</i> | Kind of Lease Fee | Lease No. |
| Location Unit Letter <i>P</i> ; <i>330</i> Feet From The <i>South</i> Line and <i>660</i> Feet From The <i>East</i> Line Of Section <i>5</i> Township <i>17S</i> Range <i>37E</i> , <i>NMPM</i> , Lea County | | | | |

II. DESCRIPTION OF TRANSPORTER OF OIL AND NATURAL GAS

| | |
|---|--|
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) P.O. Box 2256, Wichita, KS 67201 |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |

| | | | | | | |
|---|------------------|------------------|--------------------|--------------------|----------------------------|------|
| If well produces oil or liquids, give location of tanks | Unit <i>P</i> | Sec. <i>5</i> | Twp. <i>17S</i> | Rge. <i>37E</i> | Is gas actually connected? | When |
|---|------------------|------------------|--------------------|--------------------|----------------------------|------|

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

III. COMPLETION DATA

| | | | | | | | | |
|-----------------------------------|--|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------------|------------------------------------|-------------------------------------|--------------------------------------|
| Designate Type of Completion--(X) | <input checked="" type="checkbox"/> Oil Well | <input type="checkbox"/> Gas Well | <input type="checkbox"/> New Well | <input type="checkbox"/> Workover | <input type="checkbox"/> Deepen | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Same Res'v | <input type="checkbox"/> Diff. Res'v |
| Date Spudded | Date Compl. Ready to Prod | Total Depth | P.B.T.D. | | | | | |
| Elevations (DF, RKB, RT, GR, etc) | Name of Prod. 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 |
| | | | |
| | | | |
| | | | |

IV. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load and must be equal to or exceed top allowable for this depth or be for full 24 hours)

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

GAS WELL

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

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]
(Signature)

Drilling & Production Manager
(Title)

June 19, 1984

OIL CONSERVATION COMMISSION
JUN 21 1984
APPROVED BY *Eddie W. Seay*, 19
TITLE *Oil & Gas Inspector*

This form is to be filed in compliance with Rule 1104.
If this is a request for allowable for a newly drilled 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 changes.
A separate Form C-104 must be filed for each pool in multiple.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-105
Revised 10-1-78

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER _____

b. TYPE OF COMPLETION
NEW WORK PLUG DIFF.
WELL ☒ OVER ☐ DEEPEN ☐ BACK ☐ RESVR. ☐ OTHER _____

| |
|-----------------------------------|
| 7. Unit Agreement Name - |
| 8. Farm or Lease Name Blackmar |
| 9. Well No. 1 |

2. Name of Operator
Read & Stevens, Inc.

3. Address of Operator
P.O. Box 1518, Roswell, NM 88201

4. Location of Well
UNIT LETTER P LOCATED 330 FEET FROM THE South LINE AND 660 FEET FROM

| |
|---|
| 10. Field and Pool, or Wildcat Wildcat XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX |
|---|

THE East LINE OF SEC. 5 TWP. 17S RGE. 37E NMPM

| |
|---|
| 12. County Lea XXXXXXXXXXXXXXXXXXXXXXXXXXXX |
|---|

| | | | | |
|----------------------------|----------------------------------|--------------------------------------|--|---------------------------|
| 15. Date Spudded 1-2-84 | 16. Date T.D. Reached 2-12-84 | 17. Date Comp. (Ready to Prod.) - | 18. Elevations (DF, RKB, RT, GR, etc.) 3789.6' GL | 19. Elev. Casinghead - |
|----------------------------|----------------------------------|--------------------------------------|--|---------------------------|

| | | | | |
|----------------------------|-----------------------------|---------------------------------------|---|------------------|
| 20. Total Depth 11,200' | 21. Plug Back T.D. 5015' | 22. If Multiple Compl., How Many - | 23. Intervals Rotary Tools Drilled By 0'-11,200' | Cable Tools - |
|----------------------------|-----------------------------|---------------------------------------|---|------------------|

24. Producing Interval(s), of this completion-Top, Bottom, Name
6384'-6396', 5668'-5675', 5092'-5110', 4846'-4854', Paddock, San Andres

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
GR, Caliper, CNL, FDC, MLL, DLL

27. Was Well Cored
No

| 28. CASING RECORD (Report all strings set in well) | | | | | |
|--|----------------|-----------|-------------|------------------|---------------|
| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 13 5/8" | 54.5# | 418' | 17 1/2" | 425sx | Circ. 127sx |
| 8 5/8" | 32# | 4454' | 12 1/4"-11" | 2850sx | Circ. 670sx |
| 4 1/2" | 10.5# | 6705' | 7 7/8" | 869sx | NONE |

| 29. LINER RECORD | | | | 30. TUBING RECORD | | |
|------------------|-----|--------|--------------|-------------------|-----------|------------|
| SIZE | TOP | BOTTOM | SACKS CEMENT | SIZE | DEPTH SET | PACKER SET |
| | | | | 2 3/8" | 4800' | - |

| 31. Perforation Record (Interval, size and number) 6384'-6396', 12', 2 shots/' , 24 holes 5668'-5675', 7, 2 shots/' , 14 holes 5092'-5110', 18', 2 shots/' , 36 holes 4846'-4854', 8', 2 shots/' , 16 holes | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
|---|--|-------------------------------|
| | DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| | 6384'-6396' | 6000 gals 20% NE acid |
| | 5668'-5675' | 500 gals 15% NE acid |
| | 5092'-5110' | 500 gals 15% NE acid |
| | 4846'-4854' | 500 gals 15% NE acid |

33. PRODUCTION

| | | |
|---------------------------------|--|---|
| Date First Production 3-9-84 | Production Method (Flowing, gas lift, pumping-Size and type pump Pumping 2"x1 1/2"x16') | Well Status (Prod. or Shut-In) SI WOPA |
| Date of Test 5-11-84 | Hours Tested 8 | Choke Size - |
| Prod'n For Test Period | Oil-Bbl. Trace | Gas-MCF TSTM |
| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate |
| | | Oil-Bbl. Trace |
| | | Gas-MCF TSTM |
| | | Water-Bbl. 234 |
| | | Oil Gravity-API (Corr.) - |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
TSTM

Test Witnessed By
Daryl Lowder

35. List of Attachments
Logs, Deviation Survey

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

SIGNED Daryl Lowder TITLE Drilling & Production Manager DATE 5-1A

INSTRUCTIONS

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

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

| | | | |
|---------------------|---------------------------|-----------------------|-------------------|
| T. Anhy | T. Canyon 10,209' | T. Ojo Alamo | T. Penn."B" |
| T. Salt | T. Strawn 10,842' | T. Kirtland-Fruitland | T. Penn. "C" |
| B. Salt | T. Atoka Clastics 10,950' | T. Pictured Cliffs | T. Penn. "D" |
| T. Yates | T. Miss 11,148' | T. Cliff House | T. Leadville |
| T. 7 Rivers | T. Devonian | T. Manefee | T. Madison |
| T. Queen | T. Silurian | T. Point Lookout | T. Elbert |
| T. Grayburg | T. Montoya | T. Mancos | T. McCracken |
| T. San Andres 4812' | T. Simpson | T. Gallup | T. Ignacio Qtzite |
| T. Giorleta 6214' | T. McKee | Base Greenhorn | T. Granite |
| T. Paddock 6328' | T. Ellenburger | T. Dakota | T. Lovington |
| T. Blinbry | T. Gr. Wash | T. Morrison | T. Penrose Pay |
| T. Tubb 7556' | T. Granite | T. Todlito | T. Premier |
| T. Drinkard 7664' | T. Delaware Sand | T. Entrada | T. Lovington |
| T. Abo Shale 8255' | T. Bone Springs | T. Wingate | T. |
| T. Wolfcamp 8820' | T. | T. Chinle | T. |
| T. Penn. | T. | T. Permian | T. |
| T. Cisco(BoughC) | T. | T. Penn."A" | T. |

OIL OR GAS SAND OR ZONES

| | |
|------------------------|------------------------|
| No.1, from.....to..... | 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..... |

FORMATION RECORD (Attach additional sheets if necessary)

| From | To | Thickness In Feet | Formation | From | To | Thickness In Feet | Formation |
|--------|--------|----------------------|---|------|----|----------------------|-----------|
| 4812' | 6214' | 1402' | Dolomite, Sandstone, Anhydrite, Limestone | | | | |
| 6214' | 6328' | 114' | Dolo, SS | | | | |
| 6328' | 7556' | 1228' | Dolo, Sh, SS | | | | |
| 7556' | 7664' | 108' | Dolo | | | | |
| 7664' | 8255' | 591' | Sandstone, Dolomite, | | | | |
| 8255' | 8820' | 565' | Dolo, Sh, SS Cht | | | | |
| 8820' | 10209' | 1389' | Sh, SS, Lm | | | | |
| 10209' | 10842' | 633' | Lm, Cht, Sh, Dolo | | | | |
| 10842' | 10950' | 108' | Limestone, Sh | | | | |
| 10950' | 11148' | 198' | Sh, SS, Lm, Trc cht. | | | | |

RECEIVED
MAY 18 1984
C.C.D.
HOBBS OFFICE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

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

Form C-103
Revised 10-1-78

| | |
|--|--|
| 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 Blackmar | |
| 9. Well No. 1 | |
| 10. Field and Pool, or Wildcat Wildcat | |
| 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 type="checkbox"/> | GAS WELL <input checked="" type="checkbox"/> | OTHER |
| 2. Name of Operator Read & Stevens, Inc. | | |
| 3. Address of Operator P.O. Box 1518, Roswell, NM 88201 | | |
| 4. Location of Well UNIT LETTER <u>P</u> , <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE. SECTION <u>5</u> TOWNSHIP <u>17S</u> RANGE <u>37E</u> NMPM | | |

| |
|--|
| 5. Elevation (Show whether DF, RT, GR, etc.) 3789.6' GL |
|--|

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

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

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.

5-10-84 4846'-4854', trip in w/pkr, acidize w/ 500gals 15% NE acid, avg press 1900psi, rate .9-.8 BPM, broke @ 3700psi, ISIP 1300psi, 5min 600psi, 10min 400psi, 15min 250psi, total load 33.2 BBls, swbd 70 BBls fluid, FL @ 4000', GSG w/skim of oil.

5-11-84 Made 2 runs, parted sand line, pulled tbg, ran tbg, swbd 85 BBls total, skim of oil, no gas.

5-12-84 Swbd 78 BBls FW, trace gas & oil, SI.

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

SIGNED [Signature] TITLE Drilling & Production Manager DATE 5-14-84

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE MAY 17 1984

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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

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

Form C-103

Revised 10-1-78

| | |
|--|--|
| 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 Blackmar | |
| 9. Well No. 1 | |
| 10. Field and Pool, or Wildcat Wildcat | |
| 12. County Lea | |

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

| | | |
|---|--|-------|
| OIL WELL <input type="checkbox"/> | GAS WELL <input checked="" type="checkbox"/> | OTHER |
| Name of Operator Read & Stevens, Inc. | | |
| Address of Operator P.O. Box 1518, Roswell, NM 88201 | | |
| Location of Well UNIT LETTER <u>P</u> <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE. SECTION <u>5</u> TOWNSHIP <u>17S</u> RANGE <u>37E</u> NMPM | | |

| |
|--|
| 5. Elevation (Show whether DF, RT, GR, etc.) 3789.6' GL |
|--|

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

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

SUBSEQUENT REPORT OF:

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

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

4-28-84 Set CIBP @ 6300' w/30' cmt, pull tbq, rods, & pump, SD.

4-29-84 Perf 5668'-5675', 2 shots/1, spot 1 BBI acid @ .4 BPM, TP 1100psi, avg 550psi, max 600psi, avg rate .4 BPM, ISIP 200psi, Opsi 5min. 57 BBIs, swb 104 BBIs, NS, FL @ 2000'.

4-30-84 FL @ 600', swb 260 BBIs, NS, Res .65 @ 70°F, SG 1.013, Ph 6.9, Ca 1750, mg 1200, Cl 6500, SO₄ 3200, HCO₃ 390, Fe 40.

5-1-84 Set CIBP @ 5600' w/30 cmt, perf @ 5092'-5110', 2 shots/ft, 18', prep to acidize.

5-2-84 Perf 5092'-5110', 2 shots/1, acidize w/500gals 15% NE, avg press 1975psi, max 3200psi, broke @ 3200psi, rate 8 BPM, ISIP 1000psi, 5min 100psi, 8min Opsi, 35 BLTR, swb 150 BBIs water, NS. Water Analysis: Res .52 @ 74°, Ph 6.4, SG 1.015, Ca 1300, Mg 90, Cl 7500, SO₄ 3100, HCO₃ 1220, Fe 0.

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

SIGNED Bruce Stubby TITLE Drilling & Production Manager DATE 5-3-84

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT 1 SUPERVISOR TITLE DATE MAY 7 1984

CONDITIONS OF APPROVAL, IF ANY:

ENERGY AND MINERALS DEPARTMENT

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

| | |
|------------------------|--|
| NO. OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | |
| ILE | |
| I.S.G.S | |
| AND 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.)

OIL GAS
WELL ☐ WELL ☒ OTHER

Name of Operator
Read & Stevens, Inc.

Address of Operator
P.O. Box 1518, Roswell, NM 88201

Location of Well

UNIT LETTER P 330 FEET FROM THE South LINE AND 660 FEET FROM
THE East LINE, SECTION 5 TOWNSHIP 17S RANGE 37E NMPM

XXXXXXXXXXXXXXXXXXXXXXXXXXXX 5. Elevation (Show whether DF, RT, GR, etc.)
XXXXXXXXXXXXXXXXXXXXXXXXXXXX 3789.6' GL

7. Unit Agreement Name

8. Farm or Lease Name
Blackmar

9. Well No.

10. Field and Pool, or Wildcat

Wildcat

12. County
Lea

XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

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

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER ☐

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER Acidizing ☒

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.

3-22-84 Acidize w/6000gal 20% NE acid. Avg press 5375psi, max 5400psi, min 5200psi. Avg rate 3.8 BPM, max 4.0 BPM acid, 1.2 BPM N₂, ISIP 3700psi, 5min 3600psi, 10min 3600psi, 15min 3500psi. Load 95 BBIs pad, 143 BBIs acid, 70 BBIs flush, total 308 BLW, flwd back 100 BBIs, @ 8:00pm good show of formation gas, prep to swb.

3-23-84 Swabbed 80 BBIs, 5% oil cut, good show of gas. Prep to run rods & pump.

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

SIGNED Dave Hobbs TITLE Drilling & Production Manager DATE 3-27-84

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON TITLE DISTRICT SUPERVISOR DATE MAR 30 1984

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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

OIL CONSERVATION DIVISION
P.O. Box 2058
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

ILLEGIBLE

| | |
|--------------------------------|---|
| 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.)

OIL WELL ☐ GAS WELL ☒ OTHER

Name of Operator
Read & Stevens, Inc.
Address of Operator
P.O. Box 1518, Roswell, NM 88201
Location of Well

7. Unit Agreement Name

8. Farm or Lease Name
Blackmar

9. Well No.

10. Field and Pool, or Wildcat

UNIT LETTER P 330 FEET FROM THE South LINE AND 661 FEET FROM
THE East LINE. SECTION 5 TOWNSHIP 17S RANGE 37E NMPM

Wildcat

5. Elevation (Show whether OF, RT, GR, etc.)
3789.6' GL

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 ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☒

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 110.

3-7-84

Ran 206jts 2 3/8"-4.7#/#ft EUE 6in, 393.7ft, 10 1/2", 18" KB, 4' perf sub,
31.5' mud anchor, total 6412.6ft. Ran 121 jts 1 1/2" rods-grade C, 74jts 7/8"
rods-used, 1-4' sub, 1-2' sub, 1-2' rods-used, 1 1/2"x16' RWBC pump.

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

SIGNED Bruce StevensTITLE Drilling & Production ManagerDATE 3-7-84

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

APPROVED BY

TITLE

DATE MAR 9 1984

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-78

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

| | |
|--------------------------------|---|
| 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 ☐ GAS WELL ☒ OTHER

7. Unit Agreement Name

2. Name of Operator
Read & Stevens, Inc.

8. Farm or Lease Name
Blackmar

3. Address of Operator
P.O. Box 1518, Roswell, NM 88201

9. Well No.
1

4. Location of Well
UNIT LETTER P 330 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE. SECTION 5 TOWNSHIP 17S RANGE 37E NMPM

10. Field and Pool, or Wildcat
Midway Strawn

5. Elevation (Show whether DF, RT, CR, etc.)
3789.6' GL

12. County
Lea

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

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER Perforate and acidize ☒

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.

3-3-84 TOC @ 2650', good bond log. Perf 5384'-6396', 2 shots/ft, acidize w/2000 gals 15% MCA acid w/35 ball sealers. Max press 5000psi, min 3300psi, avg 3621psi. Max rate 3.2 BPM, min 2.2 BPM, avg 3 BPM. Broke @ 4100psi, ISIP 2800psi, 5min 2600psi, 10min 2500psi, 15min 2400psi. Balled off w/2668 gal ln, flush off 47 BBLs acid, 26 BBLs flush, total of 76 BBLs. Flowed back & swab 80 BBLs.

3-4-84 TP 150psi, tag 1600' from the surface. Swab grand total of 75 BBLs. Fluid entry 1000'/hr. Cut 20% oil.

3-6-84 Fluid entry 600'/hr, 20% OC, SITP 75psi, FL 2400' from surface, swbd total of 95 BW.

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

SIGNED Jerry Sexton TITLE Drilling & Production Manager DATE 3-6-84

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE DATE MAR 8 1984

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

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

Form C-103
Revised 10-1-78

| | |
|--------------------------------|---|
| 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 ☐ GAS WELL ☒ OTHER

2. Name of Operator
Read & Stevens, Inc.

3. Address of Operator
P.O. Box 1518, Roswell, NM 88201

4. Location of Well

UNIT LETTER P 330 FEET FROM THE South LINE AND 660 FEET FROM
THE East LINE. SECTION 5 TOWNSHIP 17S RANGE 37E NMPM

5. Elevation (Show whether DF, RT, GR, etc.)
3789.6' GL

7. Unit Agreement Name

8. Farm or Lease Name
Blackmar

9. Well No.
1

10. Field and Pool, or Wildcat

Midway Strawn

12. County
Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☒
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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.

2-13-84 TD @ 9:30am. @ 11,200' 2-12-84.

2-16-84 Run 4 1/2" csq. Set plugs as follows:
10,800'-10,900' 40sx "H"
8,770'- 8,870' 45sx "H"
7,500'- 7,600' 50sx "H"
6,800'- 6,900' 55sx "H"

2-17-84 PBTD 6705'. Ran 161 jts, 6687.87', 4 1/2"-10.5# J-55 ST&C, LC @ 6664.92', Total pipe 6705.87', 18' KB. Cmt w/869sx 50/50 poz Class "C" w/.2% Halad-4, 6# salt. PD @ 10:00am 2/16/84, Plug Bumped @ 2100psi. Tested csq for 30 min. Tested satisfactorily. Release rig @ 3:00pm 2/16/84. 15hr WOC.

2-18-84 3hr WOC. Move rig.

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

SIGNED Bruce Stables TITLE Drilling & Production Manager DATE 2-22-84

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON TITLE DISTRICT SUPERVISOR

CONDITIONS OF APPROVAL, IF ANY:

FEB 27 1984

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-7.

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

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

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

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator
Read & Stevens, Inc.

3. Address of Operator
P.O. Box 1518, Roswell, NM 88201

4. Location of Well

UNIT LETTER P 330 FEET FROM THE South LINE AND 660 FEET FROM
THE East LINE. SECTION 5 TOWNSHIP 17S RANGE 37E NMPM

XXXXXXXXXXXXXXXXXXXXXXXXXXXX 5. Elevation (Show whether DF, RT, GR, etc.)
XXXXXXXXXXXXXXXXXXXXXXXXXXXX 3789.6' GL

7. Unit Agreement Name

8. Farm or Lease Name
Blackmar

9. Well No.

10. Field and Pool, or Wildcat
Midway Strawn

12. County Lea XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXX

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

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER ☐

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER DST #2 ☒

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.

2-10-84 DST #2: 10,806'-10,963', 157'.

| | Bottom Chart | Top Chart |
|---------------------|--------------|-----------|
| Initial Hydrostatic | 5366psi | 5273psi |
| 1st Flow | 109psi | 65psi |
| 30 minutes | 109psi | 44psi |
| 1st SI | 152psi | 87psi |
| 2nd Flow | 109psi | 44psi |
| 30 minutes | 109psi | 44psi |
| 2nd SI | 130psi | 65psi |
| Final Hydrostatic | 5366psi | 5273psi |

Rec'd 30' drlq mud, 2400cc mud in sampler. Open w/weak blow, dled, closed @ 10:34am,
jarred 1hr to pull pkrs loose.

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

SIGNED Bruce Stoller

TITLE Drilling & Production Manager

DATE 2-22-84

ORIGINAL SIGNED BY JOHN J. SEXTON
DISTRICT I SUPERVISOR

APPROVED BY

TITLE

DATE FEB 27 1984

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-78

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

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

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

1. OIL ☐ GAS ☒ WELL ☐ WELL ☒ OTHER

2. Name of Operator
Read & Stevens, Inc.

3. Address of Operator
P.O. Box 1518, Roswell, NM 88201

4. Location of Well

UNIT LETTER P 330 FEET FROM THE South LINE AND 660 FEET FROM
THE East LINE. SECTION 5 TOWNSHIP 17S RANGE 37E NMPM

7. Unit Agreement Name

8. Farm or Lease Name
Blackmar

9. Well No.
1

10. Field and Pool, or Wildcat
Midway Strawn

5. Elevation (Show whether DF, RT, GR, etc.)
3789.6' GL

12. County
Lea

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 CASINGS ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER DST #1 ☒

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.

2-3-84

DST#1: 10,302'-10,338'. Open tools @ 1:18pm, closed @ 3:31, rec'd 300' drlg mud, sampler-Opst, mud-2400cc, BHT 152°F, dry test, 1st flow-open tool-weak blow, 2nd flow-no blow. DST#1:

| | Bottom Chart | Top Chart |
|---------------------|--------------|-----------|
| Initial Hydrostatic | 4940psi | 4910psi |
| 1st Flow | 65psi | 22psi |
| 30 minutes | 87psi | 44psi |
| 1st SI-60 minutes | 3785psi | 3733psi |
| 2nd Flow | 87psi | 44psi |
| 30 minutes | 87psi | 44psi |
| 2nd SI-60 minutes | 2732psi | 2679psi |
| Final Hydrostatic | 4940psi | 4910psi |

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

SIGNED Eddie W. Seay

TITLE Drilling & Production Manager

DATE 2-4-84

APPROVED BY Eddie W. Seay
Oil & Gas Inspector

TITLE

DATE

FEB 10 1984

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

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

Form C-103
Revised 10-1-78

| | |
|--|--|
| 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 Blackmar | |
| 9. Well No. 1 | |
| 10. Field and Pool, or Wildcat Midway Strawn | |
| 12. County Lea | XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX |

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 type="checkbox"/> | GAS WELL <input checked="" type="checkbox"/> | OTHER |
| 2. Name of Operator Read & Stevens, Inc. | | |
| 3. Address of Operator P.O. Box 1518, Roswell, NM 88201 | | |
| 4. Location of Well UNIT LETTER <u>P</u> <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE. SECTION <u>5</u> TOWNSHIP <u>17S</u> RANGE <u>37E</u> NMPM | | |
| 5. Elevation (Show whether DF, RT, GR, etc.) 3789.6' GL | | |

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

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

SUBSEQUENT REPORT OF:

| | | | |
|----------------------------|----------------------------|----------------------|-------------------------------------|
| REMEDIAL WORK | <input type="checkbox"/> | ALTERING CASING | <input type="checkbox"/> |
| COMMENCE DRILLING OPNS. | <input type="checkbox"/> | PLUG AND ABANDONMENT | <input type="checkbox"/> |
| CASING TEST AND CEMENT JOB | <input type="checkbox"/> | | |
| OTHER | Test BOP, choke & manifold | | <input checked="" type="checkbox"/> |

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.

1-19-84 Test BOP & choke @ 3000psi for 30 minutes. Tested satisfactorily. Test manifold @ 5000psi for 30 minutes. Tested satisfactorily.

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

SIGNED Bruce Stobbs TITLE Drilling & Production Manager DATE 1-13-84

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT SUPERVISOR

TITLE _____ DATE JAN 23 1984

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

Form C-103

Revise 10-1-7

OIL CONSERVATION DIVISION

P.O. Box 2088

SANTA FE, NEW MEXICO 87501

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

5a. Indicate Type of Lease

State ☐Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

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

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX1. OIL WELL ☐ GAS WELL ☒ OTHER

7. Unit Agreement Name

2. Name of Operator
Read & Stevens, Inc.8. Farm or Lease Name
Blackmar3. Address of Operator
P.O. Box 1518, Roswell, NM 88201

9. Well No.

4. Location of Well

10. Field and Pool, or Wildcat

UNIT LETTER P, 330 FEET FROM THE South LINE AND 660 FEET FROM
THE East LINE. SECTION 5 TOWNSHIP 17S RANGE 37E NMPM

Midway Strawn

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
5. Elevation (Show whether DF, RT, GR, etc.)
3789.6' GL12. County
LeaXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXCheck 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 ☐

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.

1-11-84 TD a 11" hole @ 11:00pm 1-10-84 @ 4454'.

1-12-84 Ran 107 jts, 4436', 8 5/8"-32# & 24#, J-55, set @ 4454', FC @ 4410.91'.

| | | | |
|--------------------|-----|----------|--|
| Texas Pattern Shoe | | | |
| 1jt | 32# | 43.09' | |
| FC | | | |
| 51jts | 32# | 2163.50' | |
| 52jts | 24# | 2122.91' | |
| 3jts | 32# | 106.50' | |
| KB | | 18.00' | |
| | | 4454.00' | |

Cmt w/2650sx HLC, 15# salt, 5# Gilsontite, 1/4 flocele, tall-in w/200sx Class "C", 2#
CaCl, circ 670sx. PD @ 3:45am 1-11-84, plug bumped @ 2000psi, float held. 14 1/4hrs WOC.

1-13-84 Test BOP, choke & casing @ 1000psi for 30 min. Tested satisfactorily. 3 3/4hrs PU DC & GIH(WOC).

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

SIGNED Bruce HobbsTITLE Drilling & Production ManagerDATE 1-13-84

ORIGINAL SIGNED BY EDDIE SEAY

APPROVED BY OIL & GAS INSPECTOR

TITLE

DATE JAN 16 1984

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

| | |
|------------------------|--|
| NO. OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | |
| FILE | |
| J.S.G.S | |
| LAND OFFICE | |
| OPERATOR | |

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

Form C-103
Revised 10-1-78

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.)

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

OIL GAS
WELL ☐ WELL ☒ OTHER

7. Unit Agreement Name

Name of Operator
Read & Stevens, Inc.

8. Farm or Lease Name
Blackmar

Address of Operator
P.O. Box 1518, Roswell, NM 88201

9. Well No.

Location of Well

10. Field and Pool, or Wildcat

UNIT LETTER P 330 FEET FROM THE South LINE AND 660 FEET FROM
THE East LINE. SECTION 5 TOWNSHIP 17S RANGE 37E NMPM

Midway Strawn

XXXXXXXXXXXXXXXXXXXXXXXXXXXX 5. Elevation (Show whether DF, RT, GR, etc.)
XXXXXXXXXXXXXXXXXXXXXXXXXXXX 3789.6' GL

12. County
Lea XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER ☐

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

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.

1-3-84 Ran 11jts, 400', 13 3/8"-54.5#, J-55 ST&C, set @ 418', Float @ 378'. Cmt w/ 425sx Class.
"C" w/ 2 1/2 cc, Circ 127sx, PD @ 9:30pm 1-2-84, bump plug @ 400psi. Spud a 17 1/2" hole @
7:00am 1-2-84, TD a 17 1/2" hole @ 418' @ 3:30pm 1-2-84, 7 1/2hrs WOC.

1-4-83 10 1/2hrs WOC (4hrs nipple up, 1 1/2hrs jet pits, 1/2hr trip, 2hrs drlg cmt, 1/2hr
slope). Test @ 800psi for 30 min, tested satisfactorily.

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

SIGNED Bru Stoble TITLE Drilling & Production Manager DATE 1-4-84

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT SUPERVISOR TITLE DATE JAN 6 1984

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

30-025-28453

Form C-101

Revised 1-1-65

| | |
|------------------------|--|
| NO. OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | |
| LE | |
| S.G.S. | |
| AND OFFICE | |
| OPERATOR | |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

TYPE OF WORK
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐
 TYPE OF WELL
 OIL GAS SINGLE MULTIPLE
 WELL ☒ WELL ☐ OTHER ☐ ZONE ☐ ZONE ☐

Name of Operator
Read & Stevens, Inc.
 Address of Operator
P.O. Box 1518, Roswell, NM 88201
 Location of Well

UNIT LETTER P LOCATED 330 FEET FROM THE South LINE

660 FEET FROM THE East LINE OF SEC. 5 TWP. 17S RGE. 37E NMPM

XX
 XX
 XX
 XX

5A. Indicate Type of Lease
 STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

7. Unit Agreement Name

8. Farm or Lease Name
Blackmar

9. Well No.

10. Field and Pool, or Wildcat
UNDESIGNATED

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

12. County
Lea
 XXXXXXXXXXXXXXXXXXXX
 XXXXXXXXXXXXXXXXXXXX

| | | |
|--|---|--|
| 19. Proposed Depth 11,000' | 19A. Formation Strawn | 20. Rotary or C.T. Rotary |
| Elevations (Show whether DF, RT, etc.) 3789.6' GL | 21A. Kind & Status Plug Bond Statewide | 21B. Drilling Contractor Sierra Drilg. Co. Rig #3 |
| | | 22. Approx. Date Work will start Oct. 31, 1983 |

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" | 54.5# | 400' | 425sx | Circ. |
| 12 1/4" & 11" | 8 5/8" | 24# + 32# | 4450' | 1500sx | Circ. |
| 7 7/8" | 5 1/2" | 17# | 11,000' | 600sx | 8000' |

We propose to drill and test the Strawn formation @ approximately 10,600'. Approximately 400' of 13 3/8" surface casing will be set with cement circulated to protect the fresh water strata. If the well is commercial, 5 1/2" casing will be set and cemented with cement back at least 600' above the top producing zone.

Mud Program: 0'-400' Spud mud w/gel & lime, 9.0#/gal, 31-33 vis, no control.
 400'-4450' Native Brine/Redbed mud w/4% oil, 10.3#/gal, 32-34 vis, no control
 4450'-9000' Fresh water, 28-29 vis, no control.
 15cc FL @ 10,000'.

BOP Program: 11", 5000psi WP, Shaffer type LWS Hydraulic operated Double BOP w/90-115 Metco closing unit, 90 gal capacity.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNED Bruce Stellas TITLE Drilling & Production Manager DATE Oct. 26, 1983

(This space for State Use)
 ORIGINAL SIGNED BY JERRY SEXTON
 DISTRICT 1 SUPERVISOR

PROVED BY _____ TITLE _____ DATE OCT 31 1983

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 5/7/84
 UNLESS DRILLING UNDERWAY

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

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

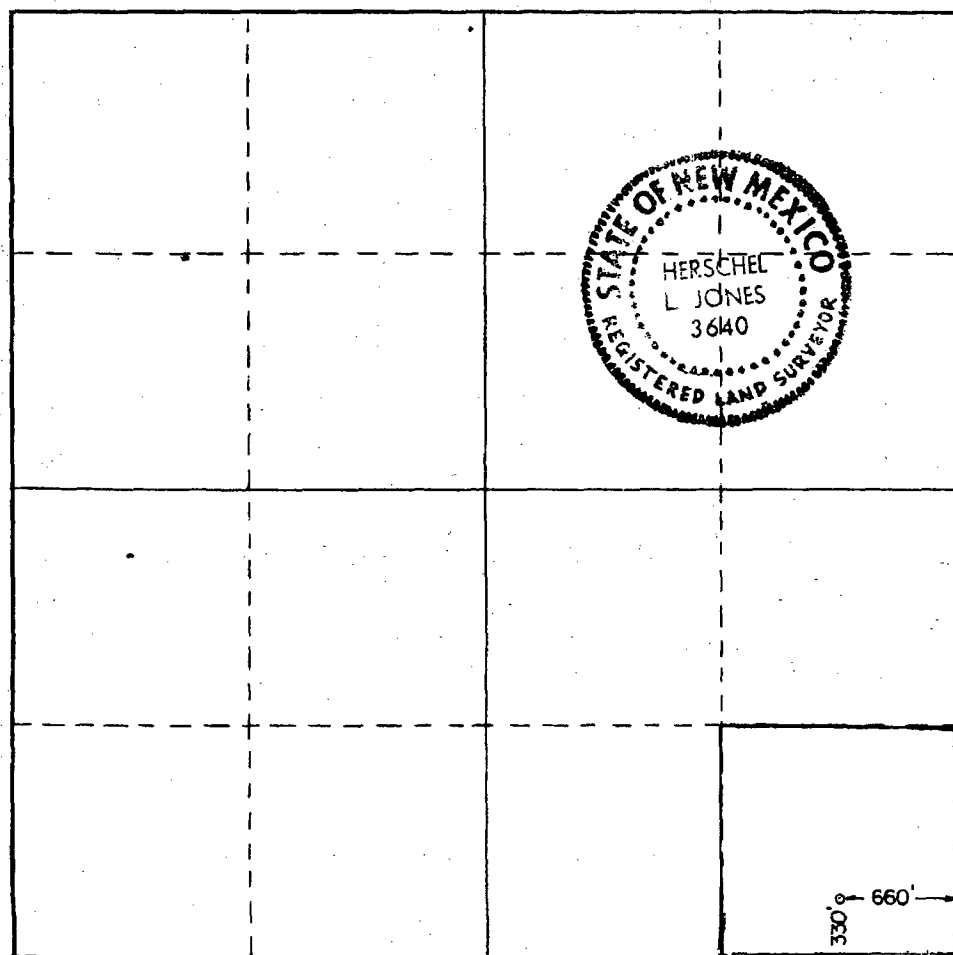
| | | | | | |
|--|--------------------------------------|-----------------------------|--------------------------|---------------------------------------|----------------------|
| Operator READ & STEVENS | | | Lease BLACKMAR | | Well No. 1 |
| Unit Letter P | Section 5 | Township 17 South | Range 37 East | County Lea | |
| Actual Footage Location of Well: 330 feet from the South line and 660 feet from the East line | | | | | |
| Ground Level Elev. 3789.6 | Producing Formation Strawn | | Pool UNIDCAT | Dedicated Acreage: 40 Acres | |

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

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Karla LeJeune
Name

Karla LeJeune

Position

Authorized Agent

Company

Read & Stevens, Inc.

Date

September 26, 1983

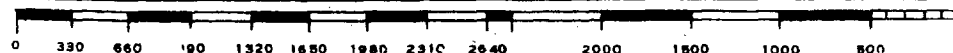
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

10/5/83

Registered Professional Engineer and/or Land Surveyor

Herschel L Jones
Certificate No. **3640**



WRS COMPLETION REPORTRE ISSUES SEC 5 TWP 17S RGE 37E
PI# 30-T-0017 09/29/86 30-025-28453-0000 PAGE 1NMEX LEA * 330FSL 660FEL SEC SE SE
STATE COUNTY FOOTAGE SPO
READ & STEVENS INC D D
OPERATOR WELL CLASS INIT FIN1 BLACKMAR
WELL NO LEASE NAME3807KB 3790GR MIDWAY
OPER ELEV FIELD POOL AREAAPI 30-025-28453-0000
LEASE TYPE NO PERMIT OR WELL I.D. NO01/02/1984 05/16/1984 ROTARY D&A
SPUD DATE COMP DATE TYPE TOOL STATUS11000 STRAWN SIERRA DRLG 3 RIG SUB 17
PROJ DEPTH PROJ FORM CONTRACTORDTD 11200 FM/TD MSSP
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.**LOCATION DESCRIPTION**

5 MI NW HUMBLE CITY, NM

CASING/LINER DATACSG 13 3/8 @ 418 W/ 425 SACKS 01
CSG 8 5/8 @ 4454 W/ 2850 SACKS 02
CSG 4 1/2 @ 6705 W/ 869 SACKS 05

| TYPE | FORMATION | LTH | TOP DEPTH/SUB | BSE DEPTH/SUB |
|------|-----------|-----|---------------|---------------|
| LOG | SN ANDRS | | 4812 -1005 | |
| LOG | GLORIETA | | 6214 -2407 | |
| LOG | PADDOCK | | 6328 -2521 | |
| LOG | TUBB | | 7556 -3749 | |
| LOG | DRINKARD | | 7664 -3857 | |
| LOG | ABO SH | | 8255 -4448 | |
| LOG | WOLFCAMP | | 8820 -5013 | |
| LOG | CANYON | | 10209 -6402 | |
| LOG | STRAWN | | 10842 -7035 | |
| LOG | MSSP | | 11148 -7341 | |

FORMATION TEST DATADST 1 10302-10338 CANYON 003
REC 300.0 FT MUD 2400.0 CC MUD
INIT OP 30M IFP 65 FFP 87
FINAL OP 2H IFP 87 FFP 87 BHT 152F
ISIP 3785 1H FSIP 2732 1H IHP 4940 FHP 4940

CONTINUED IC# 300257080183

Copyrighted
Reproduction
ProhibitedPetroleum Information
CORPORATIONPI-WRS-GE
Form No 18

REVISIONS SEC 5 TWP 17S RGE 37E
P1# 30-T-0017 9/29/86 30-025-28453-0000 PAGE 2

READ & STEVENS INC
1 BLACKMAR

D D

FORMATION TEST DATA

DST 2 10806-10963 STRAWN 004
REC 30 0 FT MUD 2400.0 CC MUD
INIT OP 30M IFP 109 FFP 109
FINAL OP 30M IFP 109 FFP 109
ISIF 152 30M FSIF 130 30M IHP 5366 FHP 5366

PRODUCTION TEST DATA

PADDOCK PERF W/ 2/FT 6384- 6396 006
PERF 6384- 6396
ACID 6384- 6396 6000GALS
152
NO GAGE RPTD

SN ANDERS PERF W/ 2/FT 5668- 5675 007
PERF 5668- 5675
ACIL 5668- 5675 500GALS

SN ANDERS PERF W/ 2/FT 5092- 5110 008
PERF 5092- 5110
ACID 5092- 5110 500GALS
BRPC 5092- 6396 DEPTH 5015
NO GAGE RPTD

IFP 110 1 UC 8HRS
SN ANDERS PERF W/ 2/FT 4846- 4854 009
PERF 4846- 4854
ACID 4846- 4854 500GALS
PPD 75 FFW W/TR O&G IN 8 HRS

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS GRL CALP CNL
LOGS FDC MLAT DLL

PROGRESS DETAILS

1/07
1/04
READ & STEVENS INC
BOX 1518
ROSWELL, NM 88201
LOC/1983/
DRLG 1240

CONTINUED

REISSUES SEC 5 TWP 17S RGE 37E
PI# 30-T-0017 09/29/86 30-025-28453-0000 PAGE 3

READ & STEVENS INC
1 BLACKMAR

D D

DRILLING PROGRESS DETAILS

01/10 DRLG 4270
01/16 DRLG 6471
01/17 DRLG 6975
01/24 DRLG 9076
01/31 DRLG 10212
02/06 DRLG 10664
02/15 11200 TD, PB 6705, RNG CSG
02/22 11200 TD, PB 6705, WOCT
03/06 11200 TD, PB 6705, WOCT
04/24 11200 TD, PB 6705, WOCT
05/15 11200 TD, PB 5015, SI
05/22 11200 TD, HOLDING FOR DATA
09/25 LOCAL CALL: ATOKA CLASTICS 10950
BHT 161 F @ 11195
RIG REL 02/15/84
06/16 11200 TD
COMP 5/16/84, D&A
NO CORES, TWO DSTS RPTD
09/25 REISSUED TO CORRECT DST & ADD DST
REPLACEMENT FOR CT ISSUED 6/16/84

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 8696
Order No. R-8062

APPLICATION OF PENNZOIL COMPANY
FOR POOL CREATION, SPECIAL POOL
RULES, ASSIGNMENT OF DISCOVERY
ALLOWABLE, LEA COUNTY, NEW MEXICO

See Also Order No. R-8062-A

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8 a.m. on September 11, 1985, at Santa Fe, New Mexico, before Examiner Gilbert P. Quintana.

NOW, on this 31st day of October, 1985, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Pennzoil Company, seeks the creation of a new oil pool for Strawn production in Lea County, New Mexico and the assignment of a discovery allowable to said pool.

(3) The applicant further seeks the establishment of temporary pool rules, including a provision for 80-acre well spacing and proration units for the proposed pool.

(4) The evidence presently available indicates that applicant's Viersen Well No. 1, located in Unit I, Section 4, Township 17 South, Range 37 East, Lea County, New Mexico, has discovered a separate common source of supply which should be designated the Shipp-Strawn Pool.

(5) The vertical limits of the proposed pool should be the Strawn formation as found on the porosity log of the

discovery well, the Vierson Well No. 1, from 11,138 feet to 11,255 feet.

(6) The horizontal limits for the proposed Shipp-Strawn Pool should be as follows:

LEA COUNTY, NEW MEXICO

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM

Section 33: SE/4 and E/2 SW/4
Section 34: S/2

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM

Section 3: All
Section 4: E/2 and E/2 W/2
Section 9: NE/4 and E/2 NW/4
Section 10: N/2

(7) The above described area is adequate to cover the potential expansion of the subject pool and is designed to avoid overlaps and conflicts with other Strawn Pools in the immediate vicinity.

(8) The rules for this pool should be limited to the area described in Finding (6) above and should not apply to wells drilled within a mile of the outer boundary of this pool.

(9) The evidence presented has established that the discovery well has permeability in the range of 43 millidarcies and calculations utilizing this data show the well has the possible capability to drain an area of 80 acres.

(10) The discovery well for the said pool, Vierson Well No. 1, located in Unit I of Section 4, Township 17 South, Range 37 East, NMPM, Lea County, New Mexico is entitled to and should receive a bonus discovery oil allowable in the amount of 55,690 barrels, based upon the top of the perforation in said well at 11,138 feet, to be assigned over a two-year period (77 barrels of oil per day).

(11) In order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, temporary special pool rules and

regulations providing for 80-acre spacing units should be promulgated for the Shipp-Strawn Pool.

(12) The temporary special rules and regulations should provide for specified well locations in order to assure orderly development of the pool and protect correlative rights.

(13) The temporary special rules and regulations should be established for a one-year period in order to allow the operators in the subject pool to gather reservoir information to establish conclusively whether the area can be efficiently and economically drained and developed by one well on 80-acre spacing on a permanent basis.

(14) This case should be reopened by the Division at an examiner hearing in November, 1986, at which time the operators in the subject pool should be prepared to appear and show cause why the Shipp-Strawn Pool should not be developed on other than 40-acre spacing units.

IT IS THEREFORE ORDERED THAT:

(1) A new pool in Lea County, New Mexico is hereby created and designated as the Shipp-Strawn Pool with vertical limits being the Strawn formation as found in the porosity log of the Vierson Well No. 1 from 11,138 feet to 11,255 feet and with horizontal limits described as follows:

LEA COUNTY, NEW MEXICO

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM

Section 33: SE/4 and E/2 SW/4
Section 34: S/2

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM

Section 3: All
Section 4: E/2 and E/2 W/2
Section 9: NE/4 and E/2 NW/4
Section 10: N/2

(2) The Pennzoil Company Vierson Well No. 1 located in Unit I, Section 4, Township 17 South, Range 37 East, Lea County, New Mexico, is hereby authorized an oil discovery allowable of 55,690 barrels to be assigned to said well at the rate of 77 barrels per day in accordance with Rule 509 of the Division Rules and Regulations.

(3) Temporary Special Rules and Regulations for the Shipp-Strawn Pool, Lea County, New Mexico, are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS
FOR THE
SHIPP-STRAWN POOL

RULE 1. Each well completed or recompleted in the Shipp-Strawn Pool or in the Strawn formation within said pool limits, shall be spaced, drilled, operated and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section.

RULE 3. The Division Director may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit and the unorthodox size or shape of the unit is necessitated by a variation in the legal subdivision of the U. S. Public Land Surveys, or the following facts exist and the following provisions are complied with:

- (a) The non-standard unit consists of quarter-quarter sections or lots that are contiguous by a common bordering side.
- (b) The non-standard proration unit lies wholly within a single governmental quarter section.
- (c) The applicant presents written consent in the form of waivers from all offset operators and from all operators owning interests in the quarter section or in which the non-standard unit is situated and which acreage is not included in said non-standard unit.
- (d) In lieu of paragraph (c) of this rule, the applicant may furnish proof of the fact that all of the aforesaid operators were notified by registered or certified mail of his intent to form such non-standard unit. The Director may approve the application if no such operator has entered an objection to the formation of such non-standard unit within 30 days after the Director has received the application.

RULE 4. Each well shall be located no closer than 330 feet to the outer boundary of its spacing unit and not closer than 990 feet to any other well capable of producing from the Strawn formation.

RULE 5. The Division Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proposed location shall be notified of the application by registered or certified mail, and the application shall certify that such notice has been furnished. The Director may approve the application upon receipt of written waivers from all operators offsetting the proposed location of if no objection to the unorthodox location has been entered within 20 days after the Director has received the application.

RULE 6. An 80-acre proration unit (79 through 81 acres) in the Shipp-Strawn Pool shall be assigned an 80-acre depth bracket allowable of 445 barrels per day and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

RULE 7. The limiting gas-oil ratio for the pool shall be 2,000 cubic feet of gas for each barrel of oil produced.

IT IS FURTHER ORDERED THAT:

(4) The locations of all wells presently drilling to or completed in the Shipp-Strawn Pool are hereby approved.

(5) Pursuant to Paragraph A. Section 70-2-18, NMSA, 1978, contained in Chapter 271, Laws of 1969, existing wells in the Shipp-Strawn Pool shall have dedicated thereto 80 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 65-3-14.5, existing wells may have non-standard spacing or proration units established by the Division and dedicated thereto.

(6) Failure to file new Forms C-102 with the Division dedicating 80 acres to a well or to obtain a non-standard unit approved by the Division within 60 days from the date of this order shall subject the well to cancellation of allowable.

-6-

Case No. 8696
Order No. R-8062

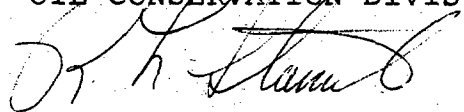
Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said 60-day limitation, each well presently drilling to or completed in the Shipp-Strawn Pool shall receive no more than one-half of a standard allowable for the pool.

(7) This case shall be reopened by the Division at an examiner hearing in November, 1986, at which time the operators in the subject pool may appear and show cause why the Shipp-Strawn Pool should not be developed on other than 40-acre spacing units.

(8) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



R. L. STAMETS,
Director

S E A L

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 8790
Order No. R-8062-A

APPLICATION OF THE OIL CONSERVATION
DIVISION ON ITS OWN MOTION TO AMEND
DIVISION ORDER NO. R-8062 AND TO
CONTRACT THE HORIZONTAL LIMITS OF THE
EAST LOVINGTON-PENNSYLVANIAN POOL,
LEA COUNTY, NEW MEXICO.

See Also Order No. R-8062

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8 a.m. on December 18, 1985, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 21st day of January, 1986, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) Division Order No. R-8062 issued on October 31, 1985, in Case No. 8696 classified, created and designated the Shipp-Strawn Pool, promulgated temporary special rules and regulations therefor, and assigned an oil discovery allowable to the Pennzoil Company Viersen Well No. 1, located 2130 feet from the South line and 660 feet from the East line (Unit I) of Section 4, Township 17 South, Range 37 East, NMPM, all in Lea County, New Mexico.

(3) In the present case, the New Mexico Oil Conservation Division (Division) on its own motion seeks the following amendments to Division Order No. R-8062:

- (a) correction of the oil discovery allowable assigned to Pennzoil Company Viersen Well No. 1;

- (b) amendment of the horizontal limits of the pool;
- (c) revision of the well location provisions of the Special Pool Rules to require well locations to be no further than 150 feet from the center of a governmental quarter-quarter section or lot; and
- (d) deletion of the limitation imposed on the pool restricting the applicability of the Special Pool Rules to the area within the pool boundaries.

(4) The Division further seeks to contract the horizontal limits of the East Lovington-Pennsylvanian Pool by the deletion therefrom of the NW/4 NW/4 of Section 4, Township 17 South, Range 37 East, NMPM, Lea County, New Mexico.

(5) The evidence presented in this case indicated that:

- (a) The NW/4 NW/4 of said Section 4 is more properly classified as being in the Shipp-Strawn Pool than the East Lovington-Pennsylvanian Pool;
- (b) there is insufficient evidence at this time to include more than the N/2 and SE/4 of said Section 4 within the boundaries of said Shipp-Strawn Pool;
- (c) the special rules for the Shipp-Strawn Pool should not be limited to that area only within the boundaries of said pool but should apply also within one mile thereof; and,
- (d) rules requiring well locations within 150 feet of the center of the quarter-quarter section would better serve to protect the correlative rights of the owners within said pool.

(6) The evidence presented at this hearing also demonstrated that the discovery allowable assigned to the Pennzoil Company Viersen Well No. 1, located 2130 feet from the South line and 660 feet from the East line of said Section 4, was improperly calculated and should be reduced to 55,595 barrels of oil total.

(7) An order entered amending said discovery allowable, revising said pool boundaries as described above, and incorporating the above described changes in special pool rules

will better protect correlative rights and will not result in waste.

(8) The effective date of this order should be January 21, 1986.

IT IS THEREFORE ORDERED THAT:

(1) The East Lovington-Pennsylvanian Pool as heretofore defined and described is hereby contracted by the deletion therefrom of the NW/4 NW/4 of Section 4, Township 17 South, Range 37 East, NMPM, Lea County, New Mexico.

(2) The horizontal limits of the Shipp-Strawn Pool, as heretofore defined and described in Lea County, New Mexico, are hereby amended to include therein the following described area only:

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM
Section 4: N/2 and SE/4

(3) The temporary Special Rules and Regulations for the Shipp-Strawn Pool are hereby amended to read in their entirety as follows:

"SPECIAL RULES AND REGULATIONS
FOR THE
SHIPP-STRAWN POOL

RULE 1. Each well completed or recompleted in the Shipp-Strawn Pool or in the Strawn formation within one mile of the Shipp-Strawn Pool, and not nearer to or within the limits of another designated Strawn pool shall be spaced, drilled, operated, and prorated in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well completed or recompleted in the Shipp-Strawn Pool shall be located on a unit containing 80 acres, more or less, which consists of the N/2, S/2, E/2, or W/2 of a single governmental quarter section; provided, however, nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.

RULE 3. For good cause shown, the Director may grant an exception to the requirements of Rule 2 without notice and hearing when the application is for a non-standard unit comprising a single quarter-quarter section or lot. All operators offsetting the proposed non-standard unit shall be

notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Director may approve the application if, after a period of 30 days, no offset operator has entered an objection to the formation of such non-standard unit.

The allowable assigned to any such non-standard unit shall bear the same ratio to a standard allowable in the Shipp-Strawn Pool as the acreage in such non-standard unit bears to 80 acres.

RULE 4. Each well shall be located within 150 feet of the center of a governmental quarter-quarter section or lot.

RULE 5. The Division Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proration unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Director may approve the application upon receipt of written waivers from all operators offsetting the proration unit or if no objection to the unorthodox location has been entered within 20 days after the Director has received the application.

RULE 6. Top unit allowable for a standard proration unit (79 through 81 acres) shall be based on a depth bracket allowable of 445 barrels per day, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres."

IT IS FURTHER ORDERED THAT:

(4) The location of any well permitted, in drilling to, or completed in the Strawn formation within the boundaries of the Shipp-Strawn Pool prior to January 21, 1986, which location was orthodox under pool rules existing prior to that time and which location is now unorthodox, is hereby approved.

(5) The locations of any other wells presently permitted in, drilling to, or completed in the currently defined Shipp-Strawn Pool or in the Strawn formation within one mile

thereof are hereby approved; the operator of any well having an unorthodox location shall notify the Hobbs District office of the Division in writing of the name and location of the well on or before April 1, 1986.

(6) The amount of the discovery allowable assigned to the Pennzoil Company Viersen Well No. 1 located 2130 feet from the South line and 660 feet from the East line of Section 4, Township 17 South, Range 37 East, NMPM, Lea County, New Mexico, as set out in Division Order No. R-8062 is hereby amended to a total of 55,595 barrels of oil to be produced at a rate not to exceed 76 barrels per day in accordance with Division General Rule 509.

(7) The effective date of this order and of the pool and pool rule changes included herein shall be January 21, 1986.

(8) Pursuant to Paragraph A. of Section 70-2-18, NMSA (1978), existing wells in the Shipp-Strawn Pool shall have dedicated thereto 80 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 70-2-18, existing wells may have non-standard spacing or proration units established by the Division and dedicated thereto.

Failure to file new Forms C-102 with the division dedicating 80 acres to a well or to obtain a non-standard unit approved by the Division within 60 days from the date of this order shall subject the well to cancellation of allowable. Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said 60-day limitation, each well presently drilling to or completed in the Shipp-Strawn Pool or in the Strawn formation within one mile thereof shall receive no more than one-half of a standard allowable for the pool.

(9) This case shall be reopened at an examiner hearing in November, 1986, at which time the operators in the subject pool may appear and show cause why the Shipp-Strawn Pool should not be developed on 40-acre proration units.

(10) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

-6-

Case No. 8790

Order No. R-8062-A

DONE at Santa Fe, New Mexico, on the day and year
hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



R. L. STAMETS
Director

S E A L

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

IN THE MATTER OF CASE NOS. 8696 AND 8790 BEING REOPENED
PURSUANT TO THE PROVISIONS OF ORDER NOS. R-8062 AND
R-8062-A, RESPECTIVELY, WHICH PROMULGATED AND AMENDED
TEMPORARY SPECIAL RULES AND REGULATIONS FOR THE SHIPP-
STRAWN POOL, LEA COUNTY, NEW MEXICO.

CASE NOS. 8696 and 8790
Order No. R-8062-B

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on November 19, 1986, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 18th day of December, 1986, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) Division Case Nos. 8696 and 8790 were consolidated at the time of the hearing for the purpose of testimony.

(3) By Order No. R-8062 dated October 31, 1985, and issued in Case No. 8696, the Division created, defined, and promulgated temporary special rules and regulations for the Shipp-Strawn Pool, Lea County, New Mexico, including a provision for 80-acre spacing and proration units.

(4) Subsequent to the issuance of said order, the Division, on its own motion, called Case No. 8790 and issued Order No. R-8062-A which amended certain portions of the special rules and regulations promulgated by Order No. R-8062, including well location requirements, horizontal limits, and the area to be governed by said rules.

Cases Nos. 8696 and 8790
Order No. R-8062-B

(5) Pursuant to the provisions of Order Nos. R-8062 and R-8062-A, both cases were reopened to allow the operators in the subject pool to appear and show cause why the Shipp-Strawn Pool should not be developed on 40-acre spacing and proration units.

(6) Inasmuch as the subject matter in both cases is the same, that being the consideration of adopting permanent special rules and regulations for the Shipp-Strawn Pool, one order should be issued for both cases.

(7) The evidence presented at the hearing establishes that one well in the Shipp-Strawn Pool can efficiently and economically drain and develop 80 acres.

(8) The special rules and regulations promulgated by Order No. R-8062 as amended by Order No. R-8062-A have afforded and will afford to the owner of each property in the pool the opportunity to produce his just and equitable share of the oil in the pool.

(9) In order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, the special rules and regulations promulgated by Order No. R-8062 as amended by Order No. R-8062-A should be continued in full force and effect until further order of the Division.


IT IS THEREFORE ORDERED THAT:

(1) The special rules and regulations governing the Shipp-Strawn Pool, Lea County, New Mexico, promulgated by Order No. R-8062 as amended by Order No. R-8062-A, are hereby continued in full force and effect until further order of the Division.

(2) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


R. L. STAMETS
Director

S E A L
fd/