District 1
PO Box 1980, Hobbs, NM 88241-1980 PO Drawer DD, Artesia, NM 88211-0719 District III

State of New Mexico
Energy, Minerais & Natural Resources Departmen.

Force C-101 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office

OIL CONSERVATION DIVISION

| 1000 Rio Brazos Rd., Aziec, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088 | | | | | PO Box ? a Fe, NM 8 | 2088 37504-208 | 8 | | | | Lease - 6 Copie Lease - 5 Copie | |
|--|-------------------------------------|----------------|-----------------|--------------|------------------------|--|---------------|---------------------|---------------------------|-------------------------|------------------------------------|--|
| | | | | | | | DED REPORT | | | | | |
| APPLICA | TION | FOR PE | RMIT | TO DRI | ILL, RE-EN | TER, DE | EPE | N, PLUGB | ACK. | ORA | DD A ZONE | |
| | APPLICATION FOR PERMIT TO DRILL, RI | | | | | | | | | | GRID Number | |
| Rand Pa | aulso: | n Oil Ste | Compa | ny, Ir | nc | | | | | 1591 | 23 | |
| Midland | | | | | • | | | | | ³ API Number | | |
| | erty Code | | | | 3 1 | Property Name | | | | 30-025-33842 | | |
| 20 | 440 | | Arc | 0 A | • | Toperty Name | | | | | ' Well No. 3 | |
| | | , | | | ⁷ Surface | Location | | | | | | |
| UL or lot no. | Section | Township | Range | Lot Ida | Fret from the | North/South | line | Feet from the | East/\ | Vest line | County | |
| <u>N</u> | 18 | 17 S | | | 600 | South | | 2040 | Wes | t | Lea | |
| UL or lot po. | Section | ° Pr | oposed | Bottom | Hole Locat | tion If Diff | ferer | nt From Sur | face | | <u> </u> | |
| 02 or ac 20. | Section | Township | Range | Lot Idn | Feet from the | North/South | line | Feet from the | | Vest line | County | |
| | | ¹ Propos | ed Pool 1 | | | | | | | | | |
| South | Know | Les (D | | an) | | | | 1º Propos | ed Pool : | 2 | | |
| " Work T | ype Code | 1 | Well Type | Code | ¹³ Cable | Cable/Rotary ¹⁴ Lease Type Code | | | 15 Ground Level Elevation | | | |
| N_ | | | 0 | | R | | | | | | 3656 1 | |
| ¹* Mui | ltiple | , | Proposed | Depth | epth "Fort | | 1* Contractor | | | ²⁰ Spud Date | | |
| N | lo | 12, | | | Devonian TMBR/Shar | | | BR/Sharp | | | | |
| T-1. C. | | | 21 | Propose | ed Casing a | nd Cement | Pro | gram | | | | |
| Hole Siz | - | | g Size | Casin | g weight/foot | Setting D | | Sacks of | Cement | | Estimated TOC | |
| 17 1/2" 11" | | 13 3/1 | | | 48 | 400 | | 400 |) | Su | face | |
| 7.7/8" | | 8.5/8 | | 32# | | 4700 | | 1200 | | Su | Surface | |
| - 1 1 8 - | | 5 1/1 | } '' | + | 17# 12,300 | | | 120 | 1200 | | 4500' | |
| | PB | mit Ext | ires 1 | Tear Fro | OTH Approve | a l — — | | | | | | |
| Describe the pe | reposed pro | prevention o | UESS. | THE PARTY | EN OF PLOU BAC | CK give the date | on the | e present productiv | 200c a | ed proposes | new productive | |
| Describe the proposed program, if any. Use additional shorts if necessary. Propose to drill a Devonian well to 12,300'. Cement will be circulated to surface on 13 3/8" and 8 5/8" casing strings. Plan to test significant shows and evaluate with adequate logging program. Completion or abandonment will be performed in accordance with prudent practices and regulatory requirements. A double ram series 900 BOP and choke manifold will be used from 8 5/8" casing to total depth. | | | | | | | | | | | | |
| 23 I hereby certify to of my knowledge a | that the info | rmation given | above is tru | e and comple | te to the best | 077 | | Morra | | | | |
| Signature: | | | | | | OIL CONSERVATION DIVISION | | | | | | |
| Printed name: | | | | | | Title: | | | | | | |
| Title: O. H. Routh | | | | | | Restaurance States | | | | | | |
| Date: | -Agen | t | Phone: | | | ditions of Appro | | 9 1997 == | piratios i | Dete: | | |
| 1 6 | _97 | ķ | 915/68 | 37-032 | 3 | ected Approximation | ANT : | | | | | |

Attached 🗆

DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 58211-0719

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

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

DISTRICT IV P.O. Box 2068, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | | Pool Code | | Pool Name | | | |
|---------------|------|-------------------------------|----------------|------------|--|--|--|
| 30-025-33 | 847 | 36480 | Knowles, South | (Devonian) | | | |
| Property Code | | Property Name | | | | | |
| 2D44D | | ARCO "A" | | | | | |
| OGRID No. | | Operator Name | | | | | |
| 159123 | Rand | Rand Paulson Oil Company, Inc | | | | | |
| | | Sur | face Location | | | | |

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | Bast/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N | 18 | 17 S | 39 E | | 600 | SOUTH | 2040 | WEST | LEA |

Bottom Hole Location If Different From Surface

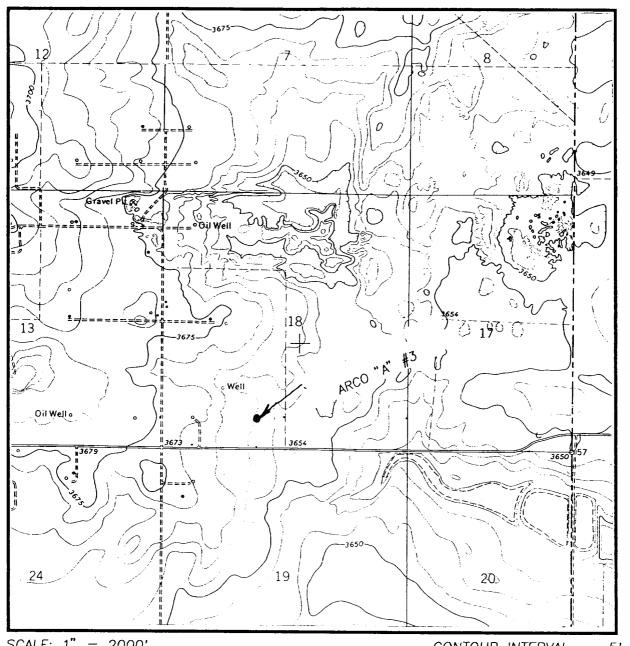
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------|----------|-----------|---------------|---------|---------------|------------------|---------------|----------------|--------|
| Dedicated Acres | Joint or | Infill Co | nsolidation (| ode Or | der No. | | | | |
| 80 | N | | | | | | | | |

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

| | ON A NON DIAN | DIME ONLY THIS BEEN MITT | TOTED DI THE DIVISION |
|--------|---------------|--------------------------|--|
| | | | OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. |
| | | | Mouth |
| | | | O.H. Routh Printed Name Agent Title |
| | | | 2-12-97 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 supervison, and that the same is true and correct to the best of my betief. |
| | | | JANUARY 21, 1997 Date Surveyed JLP Signature & Seat of Professional Surveyor |
| 2040'— | | 1 | Mals Course 1-22-97 V. M.O. Vum 97-11-0132 |
| | -,009 | | Continue No. OCHA WEST, 676 ROUND FIDSON, 3239 GARY G. EIDSON, 12641 |

Received Hobbs

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL -

SEC. <u>18</u> TWP. <u>17-S</u> RGE. <u>39-E</u>

SURVEY_____N.M.P.M.

COUNTY____LEA

DESCRIPTION 600' FSL & 2040' FWL

ELEVATION 3656'

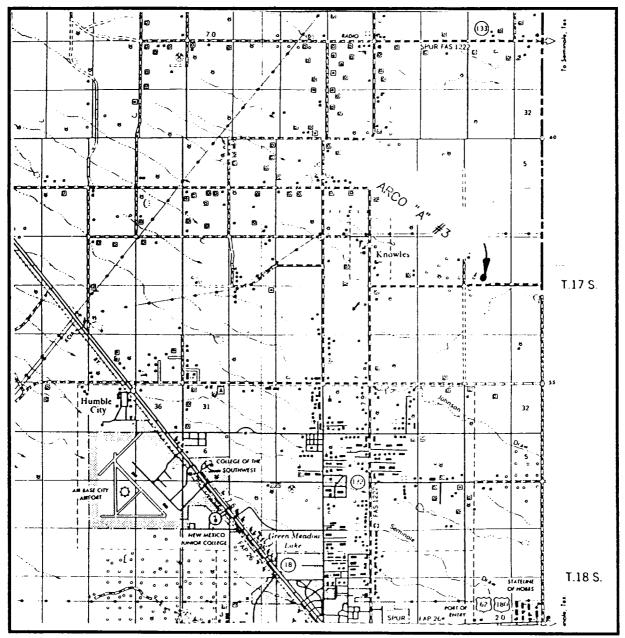
OPERATOR Rand Paulson Oil Co

LEASE_____ARCO "A"

U.S.G.S. TOPOGRAPHIC MAP HUMBLE CITY SE. N.M.

JOHN WEST ENGINEERING HOBBS, NEW MEXICO (505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

| SEC. <u>18</u> TWP. <u>1</u> | 7-S_RGE. <u>39-E</u> |
|------------------------------|----------------------|
| SURVEY | N.M.P.M. |
| COUNTY | LEA |
| DESCRIPTION 600 | ' FSL & 2040' FWL |
| ELEVATION | 3656' |
| OPERATOR Rand | Paulson Oil Co |
| LEASE | ARCO "A" |

JOHN WEST ENGINEERING HOBBS, NEW MEXICO (505) 393-3117

19) h

Received Hobbs och