

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

State of New Mexico
Energy, Minerals & Natural Resources Department

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

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

☐ AMENDED REPORT

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

Operator Name and Address: Rand Paulson Oil Company, Inc 508 W. Wall Ste 100 Midland, Texas 70701		OGRID Number 159123
Property Code 20440	Property Name Arco A	API Number 30-025-33842
		Well No. 3

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	18	17 S	39 E		600	South	2040	West	Lea

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 South Knowles (Devonian)					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3656'
Multiple No	Proposed Depth 12,300	Formation Devonian	Contractor TMBR/Sharp	Spud Date 2-20-97

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48	400	400	Surface
11"	8 5/8"	32#	4700	1200	Surface
7 7/8"	5 1/2"	17#	12,300	1200	4500'
Permit Expires 1 Year From Approval					

Describe the proposed program. If this application is for DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

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.

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

Signature:

O.H. Routh

Printed name:

O.H. Routh

Title:

Agent

Date:

1-6-97

Phone:

915/687-0323

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

FEB 19 1997

Expiration Date:

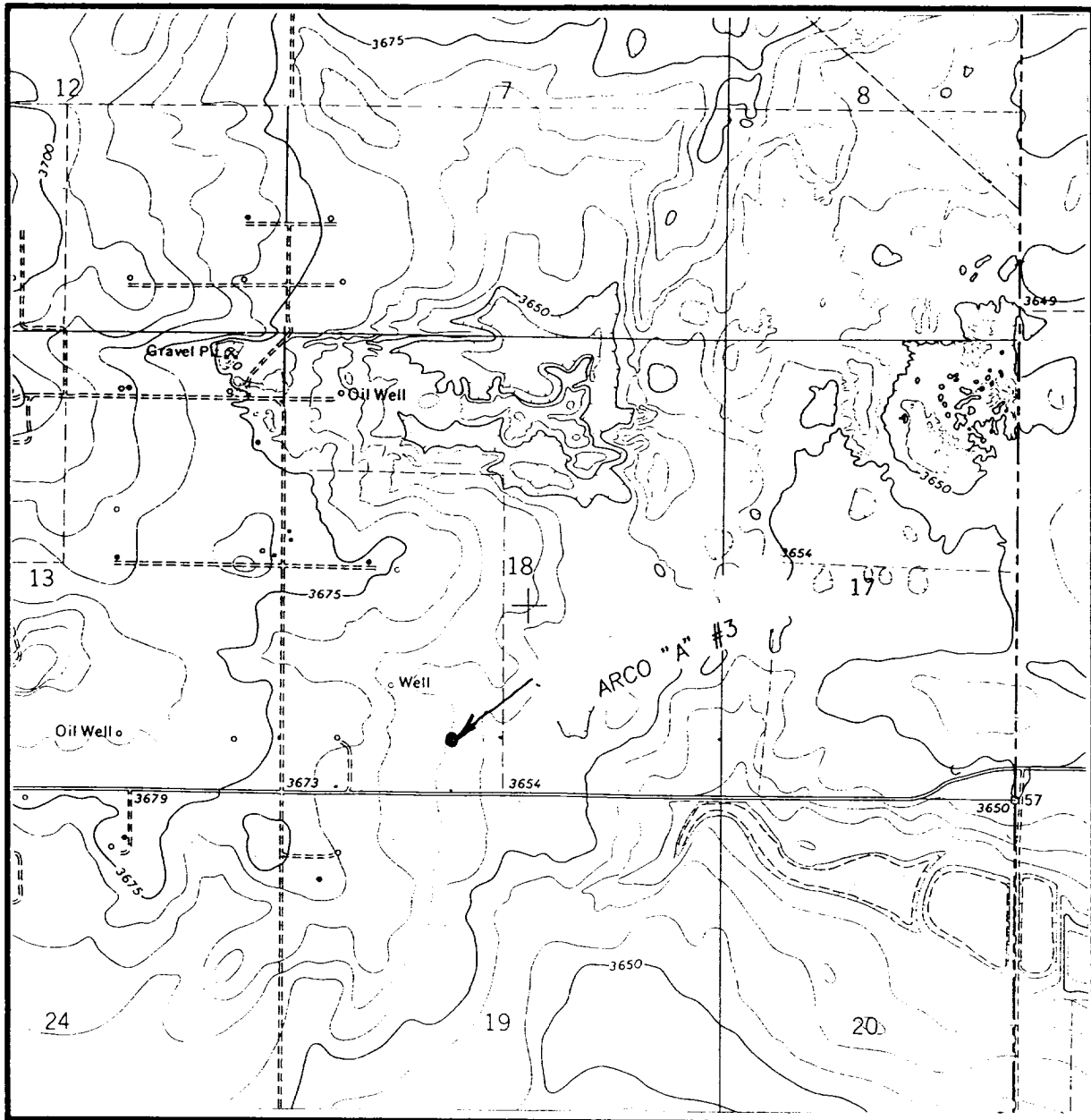
Conditions of Approval:

Attached ☐

<div style="border: 1px solid black; height: 400px; margin-bottom: 20px;"></div> <div style="border: 1px solid black; width: 150px; height: 150px; margin-left: 100px; position: relative;"><div style="position: absolute; left: -50px; top: 50%; transform: translateY(-50%);">2040'</div><div style="position: absolute; right: 0; top: 0; bottom: 0; text-align: center;">600'</div></div>	<div>OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> <div style="border-bottom: 1px solid black; margin-top: 10px;"><i>[Signature]</i></div><div style="border-bottom: 1px solid black; margin-top: 5px;">O.H. Routh</div><div style="border-bottom: 1px solid black; margin-top: 5px;">Agent</div><div style="border-bottom: 1px solid black; margin-top: 5px;">2-12-97</div></div> <div>SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</i> <div style="text-align: right; margin-top: 20px;">JANUARY 21, 1997</div><div style="border-bottom: 1px solid black; margin-top: 10px;">Date Surveyed</div><div style="border-bottom: 1px solid black; margin-top: 5px;">Signature & Seal of Professional Surveyor</div><div style="text-align: right; margin-top: 10px;">1-22-97</div><div style="border-bottom: 1px solid black; margin-top: 5px;">W.O. Num. 97-11-0132</div><div style="display: flex; justify-content: space-between; margin-top: 10px;"><div>Certificate No.</div><div>JOHN W. WEST, 676 RONALD G. EIDSON, 3239 GARY G. EIDSON, 12641</div></div></div>
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LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 5'

SEC. 18 TWP. 17-S RGE. 39-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 600' FSL & 2040' FWL

ELEVATION 3656'

OPERATOR Rand Paulson Oil Co

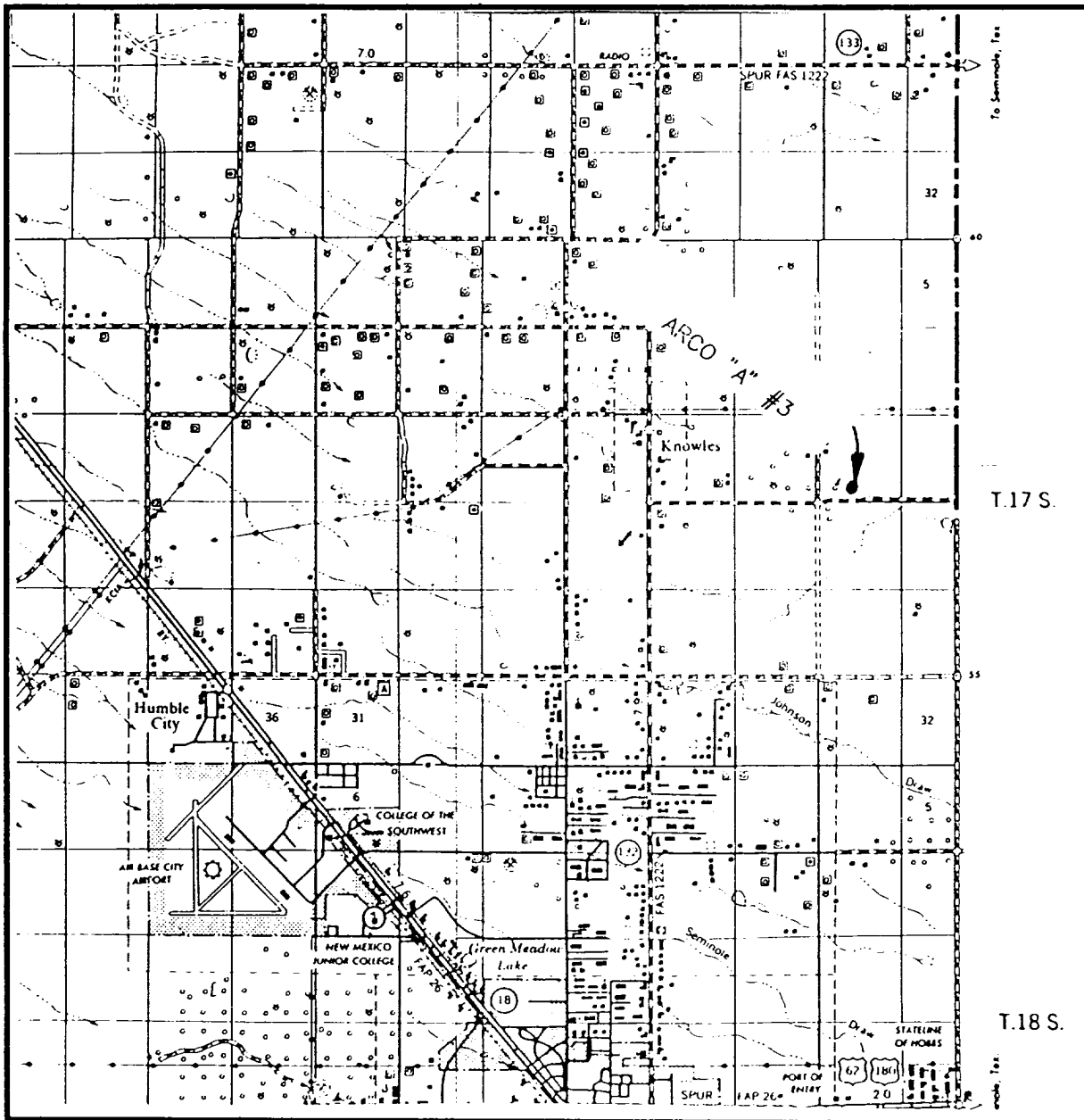
LEASE ARCO "A"

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. 18 TWP. 17-S RGE. 39-E

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

4/16/97

