

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Revised October 18, 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

¹ Operator name and Address ARCO PERMIAN P.O. BOX 1610 MIDLAND, TX 79702		² OGRID Number 000990
		³ API Number 30-015-30276
⁴ Property Code 22954	⁵ Property Name WASHINGTON "33" STATE	⁶ Well No. 3

⁷ Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	33	17S	28E		260	NORTH	1550	EAST	EDDY

⁸ 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
⁹ Proposed Pool 1 ARTESIA (O-G-SA)					¹⁰ Proposed Pool 2 3230				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3677'
¹⁶ Multiple NO	¹⁷ Proposed Depth 3200	¹⁸ Formation SAN ANDRES	¹⁹ Contractor	²⁰ Spud Date 5/98

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4	8-5/8	24#	500'	450	CIRC. TO SURF.
7-7/8	5-1/2	15.5#	3200	1200	CIRC. TO SURF.
Post TD-1 6-18-98 API & Loc					

²² Describe the proposed program. If this application is to 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

DRILL SURFACE HOLE W/FRESH WATER TO 500'. SET & CEMENT 8-5/8" CASING.
DRILL 7-7/8" HOLE TO 2000; W/SATURATED BRINE. DRILL 3200' TD W/ SACT GEL
USING PRE-HYDRATED FW GEL SWEEPS, FL +/- 15CC. LOG WELL, RUN & CEMENT
5-1/2" CASING. COMPLETE AND TEST SAN ANDRES FORMATION.

SUBJECT WELL PLANNED AS A 3200' STRAIGHT HOLE.
3000 PSI BOPE WILL BE USED FORM 500' TO TD.

NSL-4035
5-5-98

18 Hours WOC 8 5/8" casing

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Elizabeth A. Casbeer</i> Printed name: ELIZABETH A. CASBEER Title: REG./COMP. ANALYST	OIL CONSERVATION DIVISION Approved by: <i>Jim W. Green</i> BOX Title: <i>District Supervisor</i> Approval Date: 6-5-98 Expiration Date: 6-5-99
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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 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name <u>ARTESIA (Q-G-SA)</u>
Property Code	Property Name WASHINGTON 33 STATE	Well Number 3
OGRID No. 000990	Operator Name ARCO PERMIAN	Elevation 3677'

Surface Location

UL or lot No. B	Section 33	Township 17 S	Range 28 E	Lot Idn	Feet from the 260	North/South line NORTH	Feet from the 1550	East/West line EAST	County EDDY
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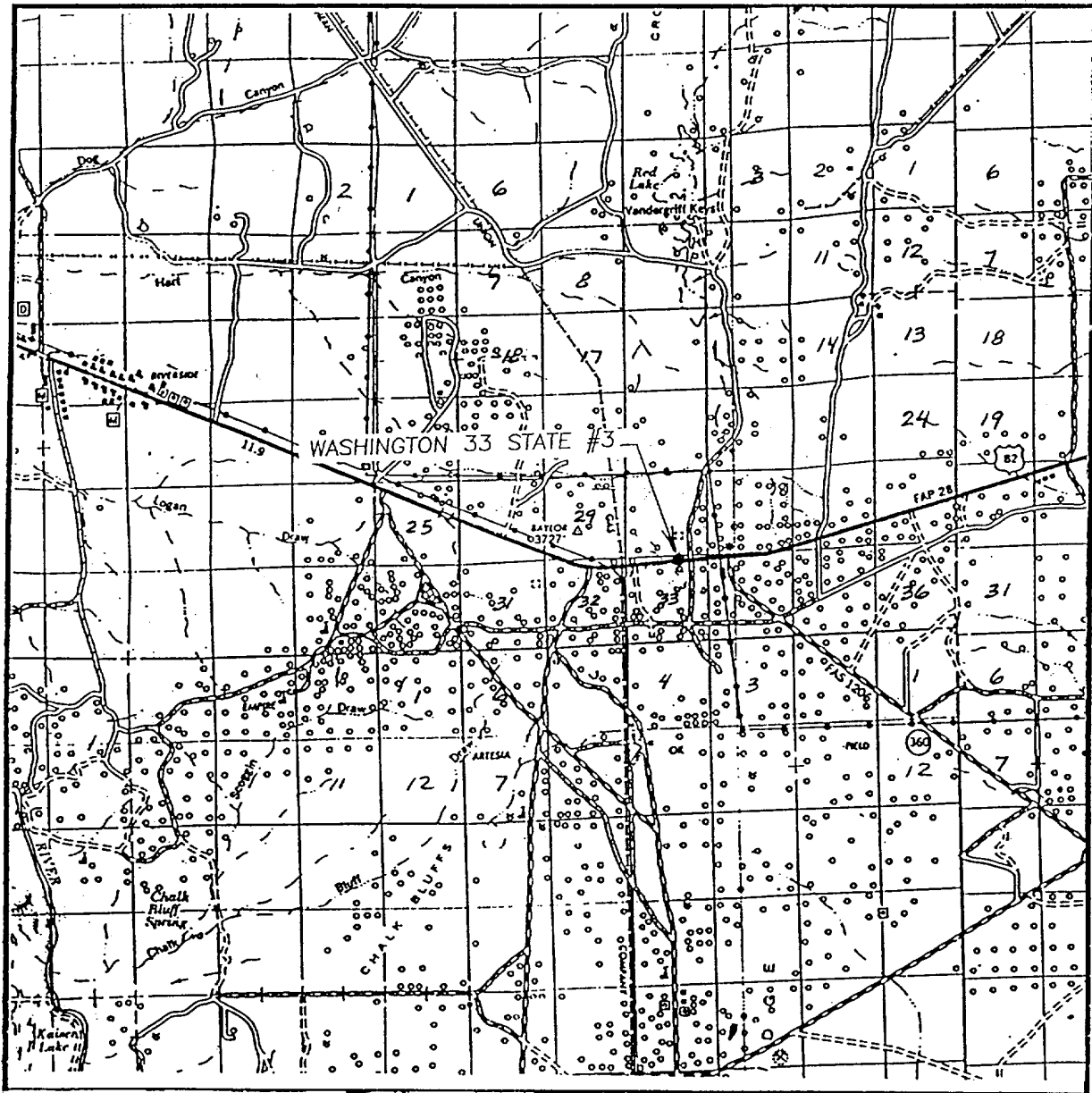
Bottom Hole Location If Different From Surface

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

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

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <u>Elizabeth A. Casbeer</u> Signature <u>ELIZABETH A. CASBEER</u> Printed Name <u>REG/COMP.</u> Title <u>4/14/98</u> Date																													
SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. FEBRUARY 25, 1998 Date Surveyed Signature & Seal of Professional Surveyor <u>Ronald L. Eidson</u> 3-04-98 Certificate No. RONALD L. EIDSON 3239 GARY EIDSON 12641																													

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 33 TWP. 17-S RGE. 28-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 260' FNL & 1550' FEL

ELEVATION 3677'

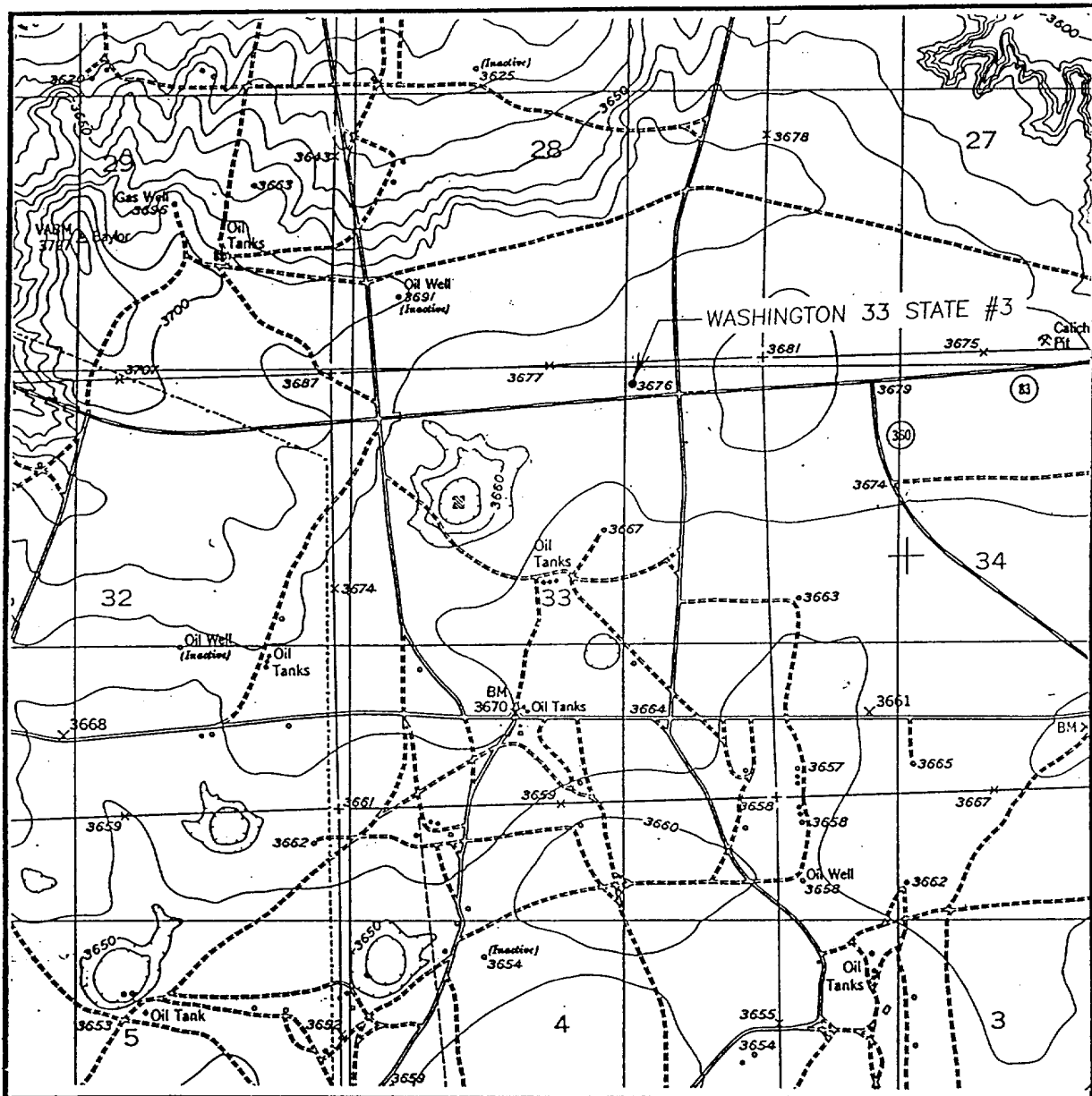
OPERATOR ARCO PERMIAN

LEASE WASHINGTON 33 STATE

**JOHN WEST ENGINEERING
HOBBS, NEW MEXICO**

(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 10'

SEC. 33 TWP. 17-S RGE. 28-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 260' FNL & 1550' FEL

ELEVATION 3677'

OPERATOR ARCO PERMIAN

LEASE WASHINGTON 33 STATE

U.S.G.S. TOPOGRAPHIC MAP

RED LAKE, NM

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

ARCO Permian

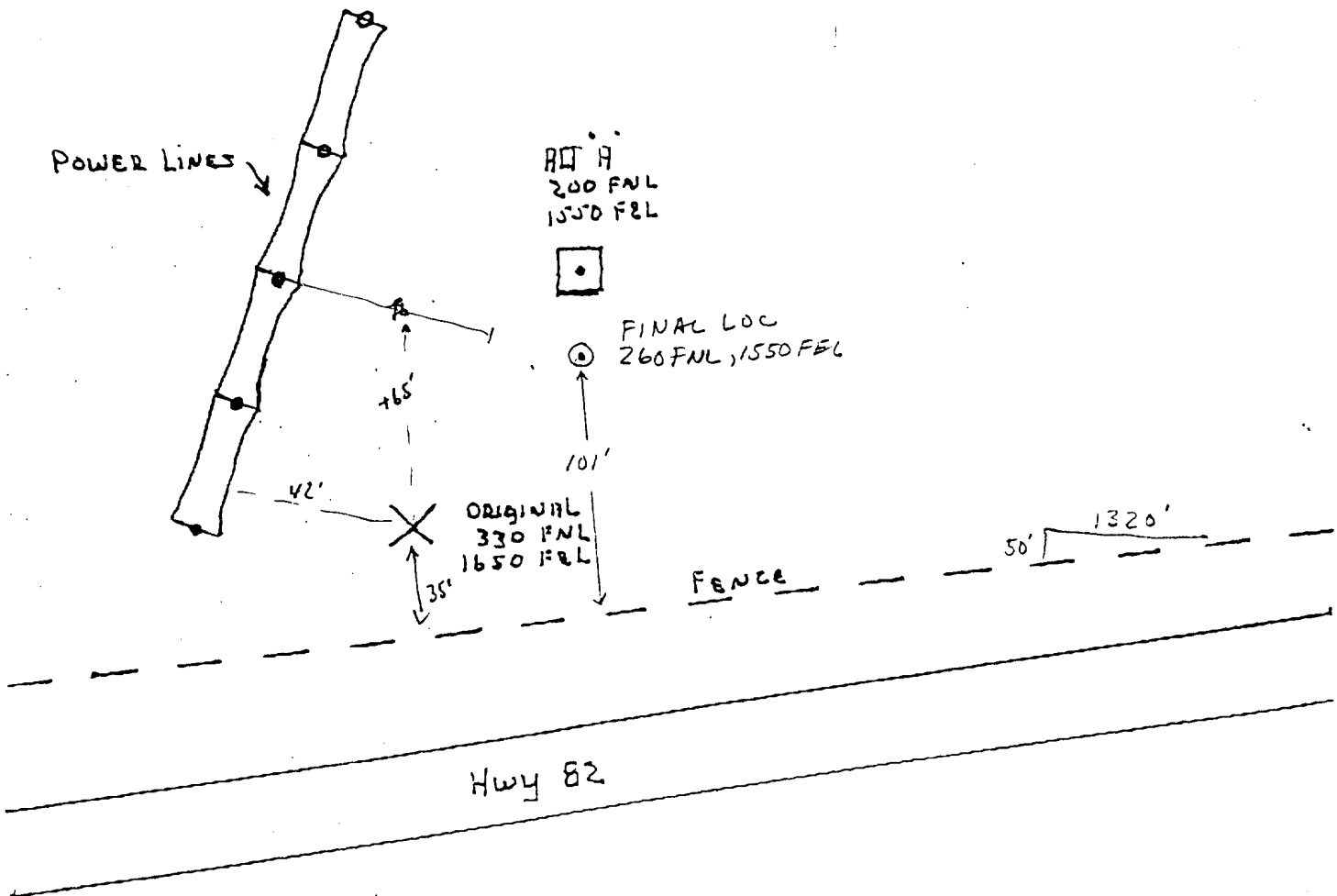
General Purpose Worksheet

Subject	Ideal Washington #3	Page No.	of
File		By	Date 3/5/98

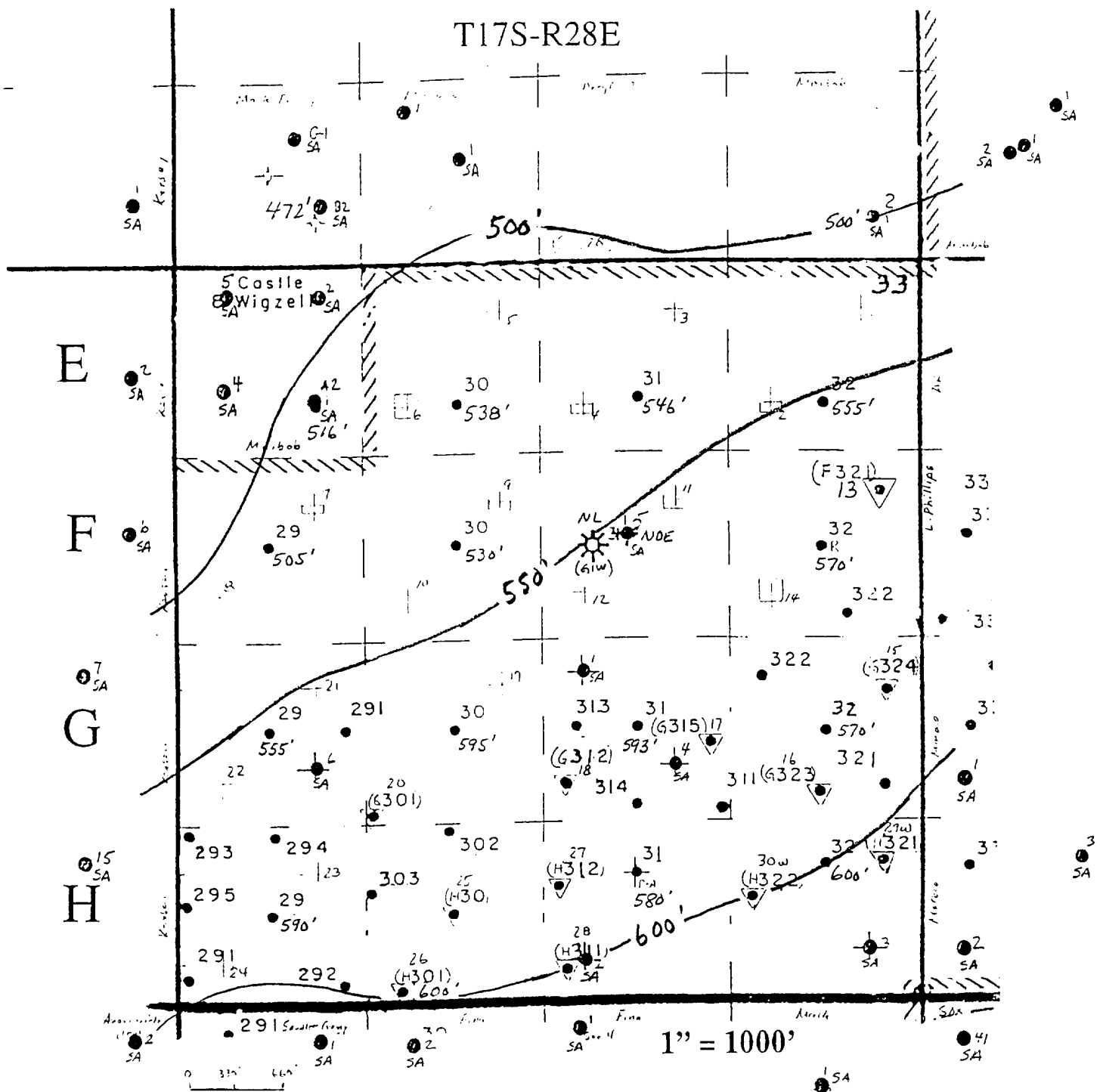
↑
N

OLD LEASE ROAD

ORIGINAL FELL 35' NORTH of FENCE LINE
42' EAST of POWER LINES
STAKED ALT 'A' 130' NORTH & 100' EAST
of ORIGINAL
PITS ON N/E CORNER - ROAD ON N/W CORNER



Not to scale



ARCO Permian

GROSS PAY, SAN ANDRES DOLO.

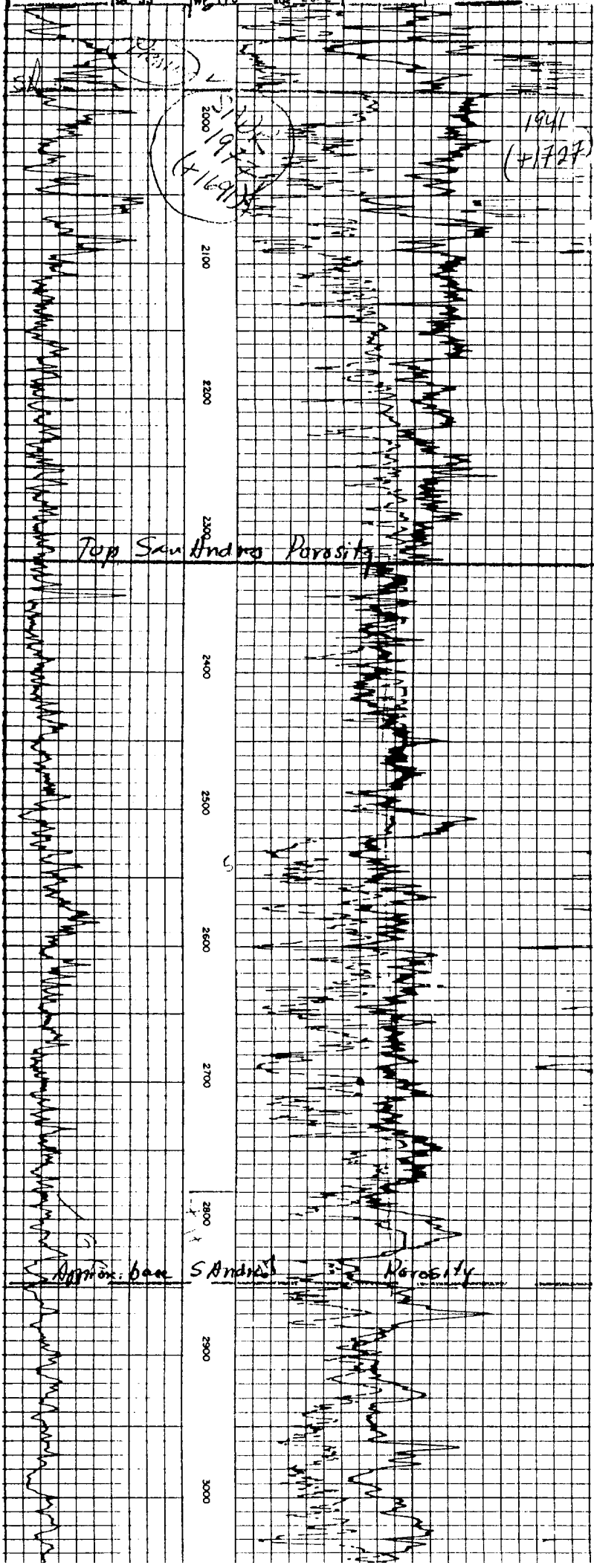
Washington 33 Lease
Sec. 33 T17S-R28E
Eddy Co. NM

Abo And San Andres Well Locations
DBP 3/98

- ▽ San Andres recomplete Candidates
- ⊕ San Andres Locations
- ⊞ Primary Yeso Locations
- R Recomplete alternate in Yeso
- ⊞ Possible / contingent Yeso TD
- Relevant San Andres wells
Showing well #

3001501689

PAN GEO ATLAS CORP	
Gamma Ray Neutron Laterolog Survey	
FILE NO.	COMPANY <u>SINCLAIR OIL & GAS COMPANY</u>
	WELL <u>M. YATES B. ARC # 5</u>
	FIELD <u>EMPIRE ABO</u>
	COUNTY <u>EDDY</u> STATE <u>NEW MEXICO</u>
	LOCATION: <u>1980' FM & W LINE</u> Other Services <u>NONE</u>
	SEC <u>33</u> TWP <u>17S</u> RGE <u>28-E</u>





ARCO Permian
600 North Marientfeld
Midland TX 79701-4373
Post Office Box 1610
Midland TX 79702-1610
Telephone 915 688 5570

Elizabeth A. Casbeer
Regulatory/Compliance Analyst

April 14, 1998

CERTIFIED RETURN RECEIPT MAIL

Yates Petroleum Corporation
105 South 4th Street
Artesia, New Mexico 88210

Ladies and Gentlemen:

This letter will serve as notice that ARCO Permian has requested administrative approval from the NMOCD for an unorthodox location for Washington "33" State #3 under Rule 104.F. (3), due to topographical and geological conditions. The location for this proposed well is 260'FNL and 1550'FEL of Section 33, T17S, R 28E, Eddy County, New Mexico.

Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the unorthodox location if no objection to the unorthodox location has been made within 20 days after the application has been received.

Sincerely,

Elizabeth A. Casbeer
Regulatory/Compliance Analyst

EAC:lc

Enclosures



ARCO Permian
600 North Marienfeld
Midland TX 79701-4373
Post Office Box 1610
Midland TX 79702-1610
Telephone 915 688 5570

Elizabeth A. Casbeer
Regulatory/Compliance Analyst

April 14, 1998

CERTIFIED RETURN RECEIPT MAIL

Louis Dreyfus Gas Holdings
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

Ladies and Gentlemen:

This letter will serve as notice that ARCO Permian has requested administrative approval from the NMOCD for an unorthodox location for Washington "33" State #3 under Rule 104.F. (3), due to topographical and geological conditions. The location for this proposed well is 260'FNL and 1550'FEL of Section 33, T17S, R 28E, Eddy County, New Mexico.

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Sincerely,

Elizabeth A. Casbeer
Regulatory/Compliance Analyst

EAC:lc

Enclosures



ARCO Permian
600 North Maricofield
Midland TX 79701-4373
Post Office Box 1610
Midland TX 79702-1610
Telephone 915 688 5570

Elizabeth A. Casbeer
Regulatory/Compliance Analyst

April 14, 1998

CERTIFIED RETURN RECEIPT MAIL

Louis Dreyfus Gas Holdings
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

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Sincerely,

Elizabeth A. Casbeer
Regulatory/Compliance Analyst

EAC:lc

Enclosures



ARCO Permian
600 North Mainfield
Midland TX 79701-4373
Post Office Box 1610
Midland TX 79702-1610
Telephone 915 688 5570

Elizabeth A. Casbeer
Regulatory/Compliance Analyst

April 14, 1998

CERTIFIED RETURN RECEIPT MAIL

Marathon Oil Company
P. O. Box 552
Midland, Texas 79702

Ladies and Gentlemen:

This letter will serve as notice that ARCO Permian has requested administrative approval from the NMOCD for an unorthodox location for Washington "33" State #3 under Rule 104.F. (3), due to topographical and geological conditions. The location for this proposed well is 260'FNL and 1550'FEL of Section 33, T17S, R 28E, Eddy County, New Mexico.

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Sincerely,

Elizabeth A. Casbeer
Regulatory/Compliance Analyst

EAC:lc

Enclosures



ARCO Permian
600 North Maricfield
Midland TX 79701-4373
Post Office Box 1610
Midland TX 79702-1610
Telephone 915 688 5570

Elizabeth A. Casbeer
Regulatory/Compliance Analyst

April 14, 1998

CERTIFIED RETURN RECEIPT MAIL

Marbob Energy Corporation
P. O. Box 227
Artesia, New Mexico 88211

Ladies and Gentlemen:

This letter will serve as notice that ARCO Permian has requested administrative approval from the NMOCD for an unorthodox location for Washington "33" State #3 under Rule 104.F. (3), due to topographical and geological conditions. The location for this proposed well is 260'FNL and 1550'FEL of Section 33, T17S, R 28E, Eddy County, New Mexico.

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Sincerely,

Elizabeth A. Casbeer
Regulatory/Compliance Analyst

EAC:lc

Enclosures



ARCO Permian
600 North Marienfeld
Midland TX 79701-4573
Post Office Box 1610
Midland TX 79702-1610
Telephone 915 688 5570

Elizabeth A. Casbeer
Regulatory/Compliance Analyst

April 14, 1998

CERTIFIED RETURN RECEIPT MAIL

Conoco, Inc.
10 Desta Drive
Midland, Texas 79705

Ladies and Gentlemen:

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Sincerely,

Elizabeth A. Casbeer
Regulatory/Compliance Analyst

EAC:lc

Enclosures



ARCO Permian
600 North Maricopa
Midland TX 79701-4373
Post Office Box 1610
Midland TX 79702-1610
Telephone 915 638 5570

Elizabeth A. Casbeer
Regulatory/Compliance Analyst

April 14, 1998

CERTIFIED RETURN RECEIPT MAIL

Fina Oil & Chemical Company
P. O. Box 62102
Houston, Texas 77205

Ladies and Gentlemen:

This letter will serve as notice that ARCO Permian has requested administrative approval from the NMOCD for an unorthodox location for Washington "33" State #3 under Rule 104.F. (3), due to topographical and geological conditions. The location for this proposed well is 260'FNL and 1550'FEL of Section 33, T17S, R 28E, Eddy County, New Mexico.

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