District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
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

Form C-101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District
State Lease - 6 Copies
Fee Lease - 5 Copies

AMENDED

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

RECEIVED
OCD - ARTESIA

[1] Operator Name and Address.	[2] OGRID Number
Louis Dreyfus Natural Gas Corporation 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134	025773
	[3] API Number 30 - 015 - 31550

[4] Property Code	[5] Property Name	[6] Well No.
26001	Geronimo "34" State Com	2

[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
H	34	17S	28E		1650	North	1140	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	[10] Proposed Pool 2
Empire; Penn	

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
N	G	R	S	3671'

[16] Multiple	[17] Proposed Depth	[18] Formation	[19] Contractor	[20] Spud Date
N	10,700'	Morrow	Patterson	1/22/01

[21] 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"	54.5#	440'	450 sks	Surface
12 1/4"	9 5/8"	36#	2,700'	900 sks	Surface
8 3/4"	5 1/2"	17#	10,700'	2500 sks	Tie back to 9 5/8"

[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.

1. Drill 17 1/2" hole to ± 440'. Run 13 3/8" csg. and cement to surface w/450 sks. cement.
2. Drill 12 1/4" hole to ± 2,700'. Set 9 5/8" csg. and cement to surface w/900 sks cement.
3. Drill 8 3/4" hole to ± 10,700'. Run 5 1/2" csg. and cement to 9 5/8" w/2500 sks cement.

See attached "Exhibit 6" for BOP assembly.

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

Signature: Carla Christian

Printed name: Carla Christian

Title: Regulatory Technician

Date: 1/15/01 Phone: (405) 749-5263

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR

Title:

Approval Date: JAN 18 2001 Expiration Date: JAN 18 2002

Conditions of Approval : Attached ☐

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

RECEIVED
OCD - ARTESIA

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Empire; Penn

Property Code	Property Name	Well Number
	GERONIMO "34" STATE COM	2

OGRID No.	Operator Name	Elevation
025773	LOUIS DREYFUS NATURAL GAS CORPORATION	3671'

Surface Location

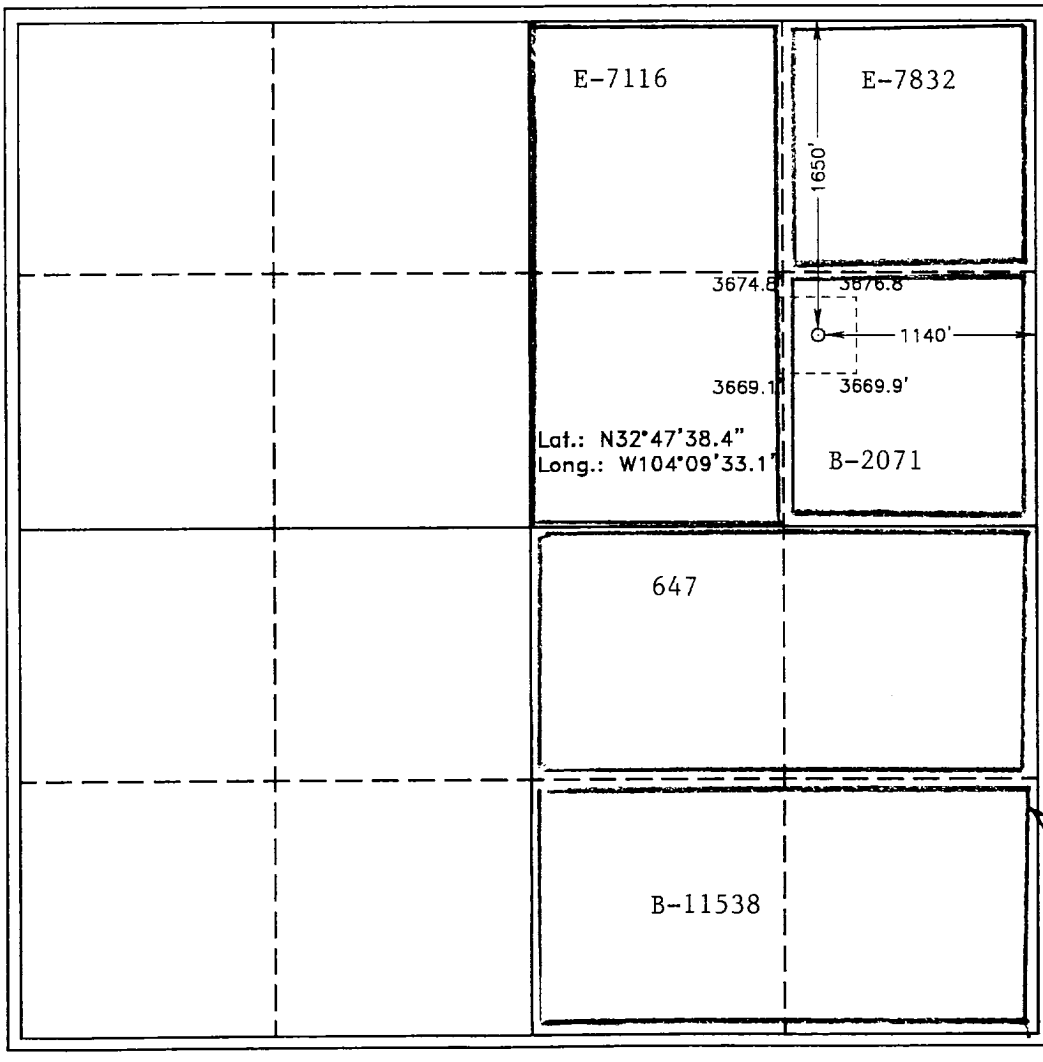
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	34	17 S	28 E		1650	NORTH	1140	EAST	EDDY

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	Consolidation Code	Order No.
320	N	C	

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



OPERATOR CERTIFICATION

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

Carla Christian
Signature

Carla Christian
Printed Name

Regulatory Technician
Title

1/15/01
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 belief.

January 9, 2001
Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES
NEW MEXICO
7977
PROFESSIONAL LAND SURVEYOR

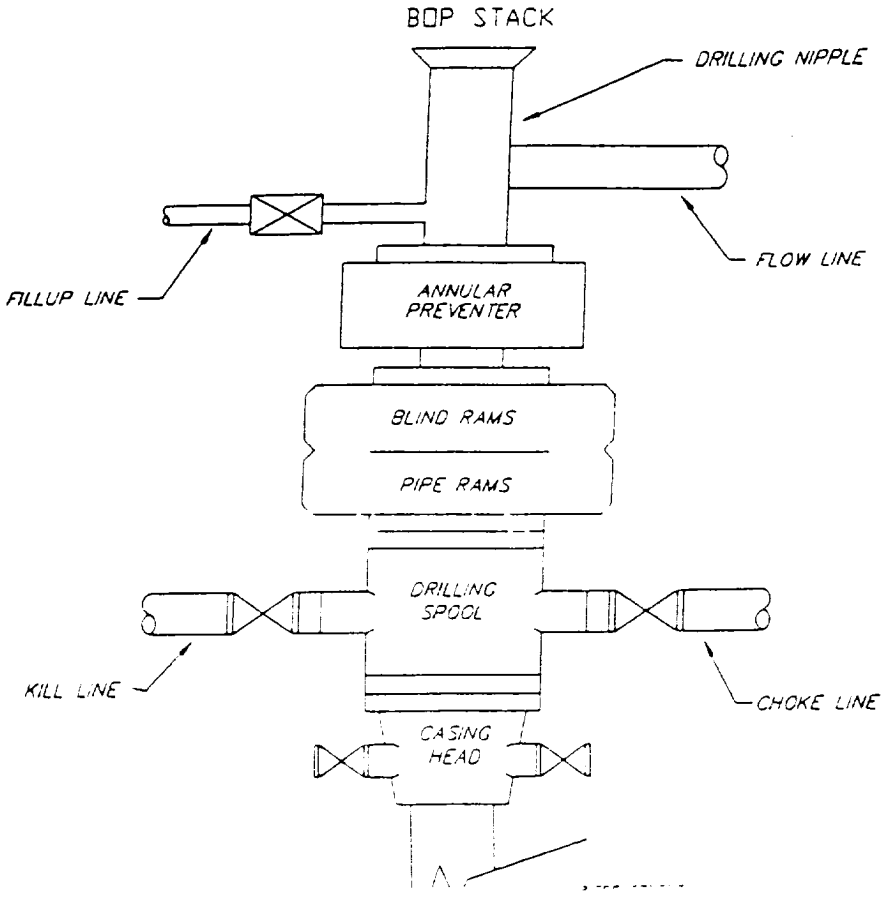
W.O. No. 1004

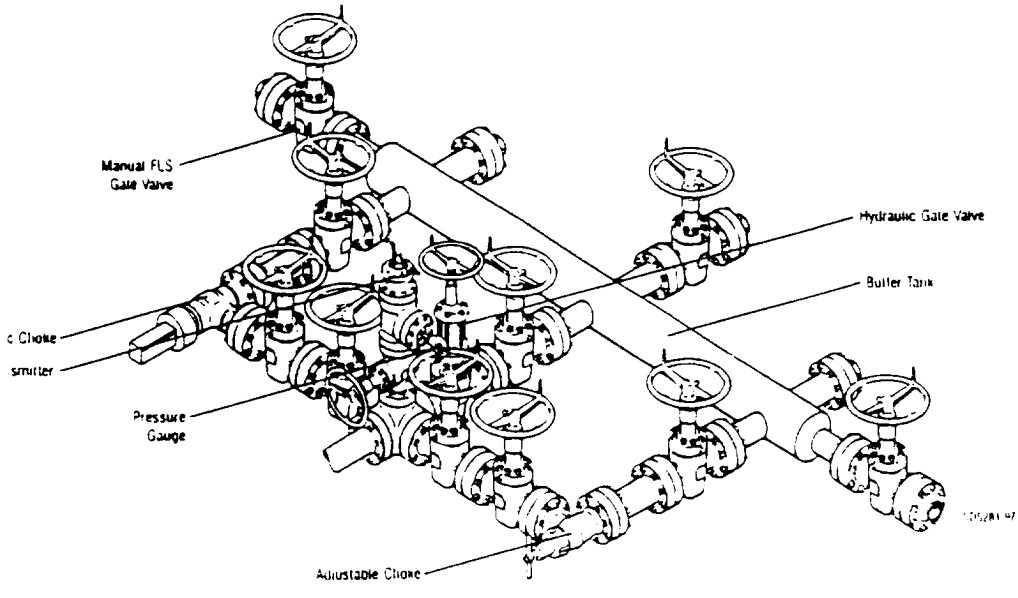
Certificate No. Gary L. Jones 7977

BASIN SURVEYS

Exhibit 6

TYPICAL 5,000 p.s.i.
BLOWOUT PREVENTER & CHOKE MANIFOLD SCHEMATIC

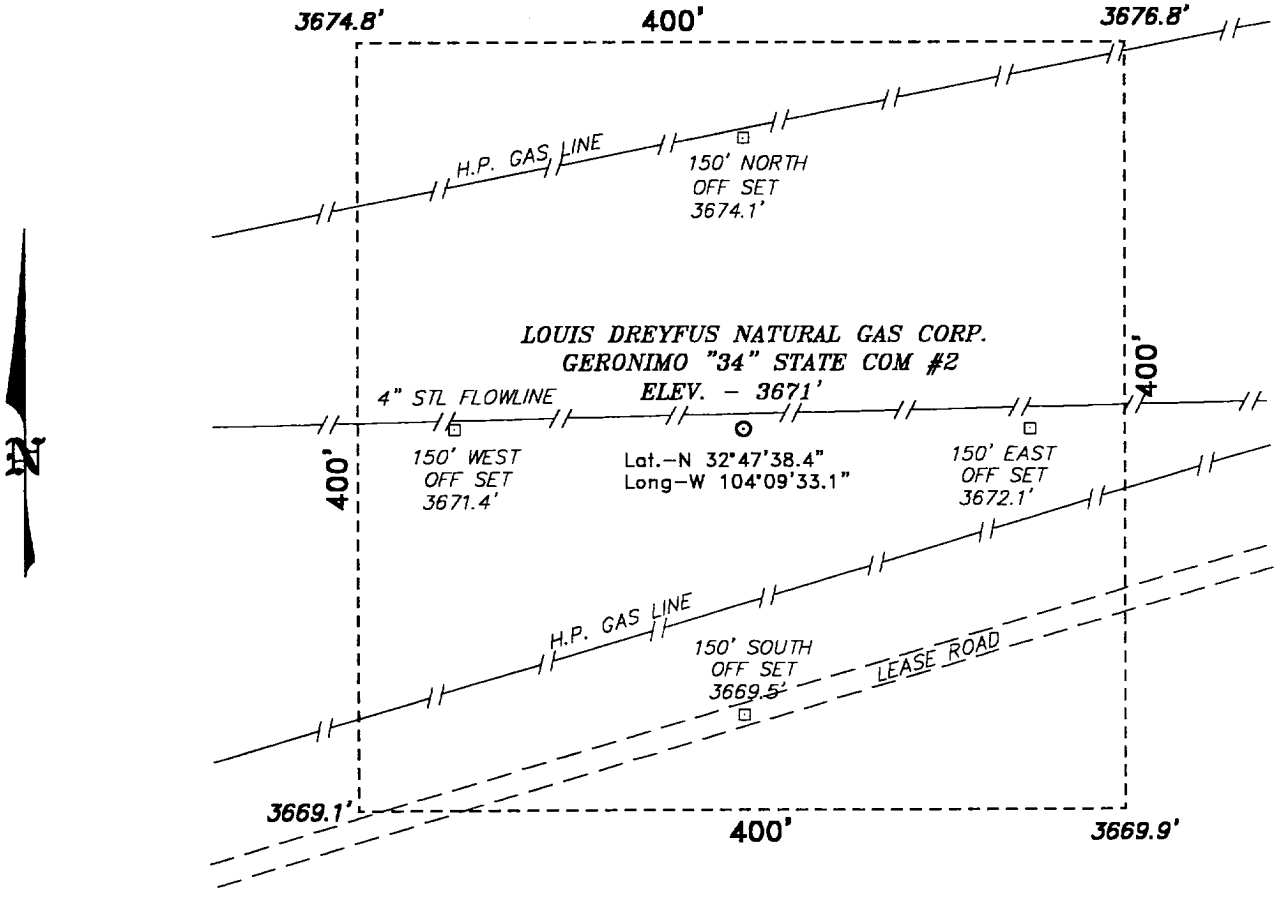




Typical Choke Manifold Designed for Land Drilling Applications

SECTION 34, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M.,

EDDY COUNTY, **NEW MEXICO.**



100 0 100 200 FEET

SCALE: 1" = 100'

Directions to Location:

FROM THE JUNCTION OF US HWY 82 AND STATE HWY 360, GO SOUTH ON HWY 360 FOR 0.3 MILE TO A LEASE ROAD; THENCE EAST ON LEASE ROAD 0.5 MILE TO PROPOSED WELL LOCATION.

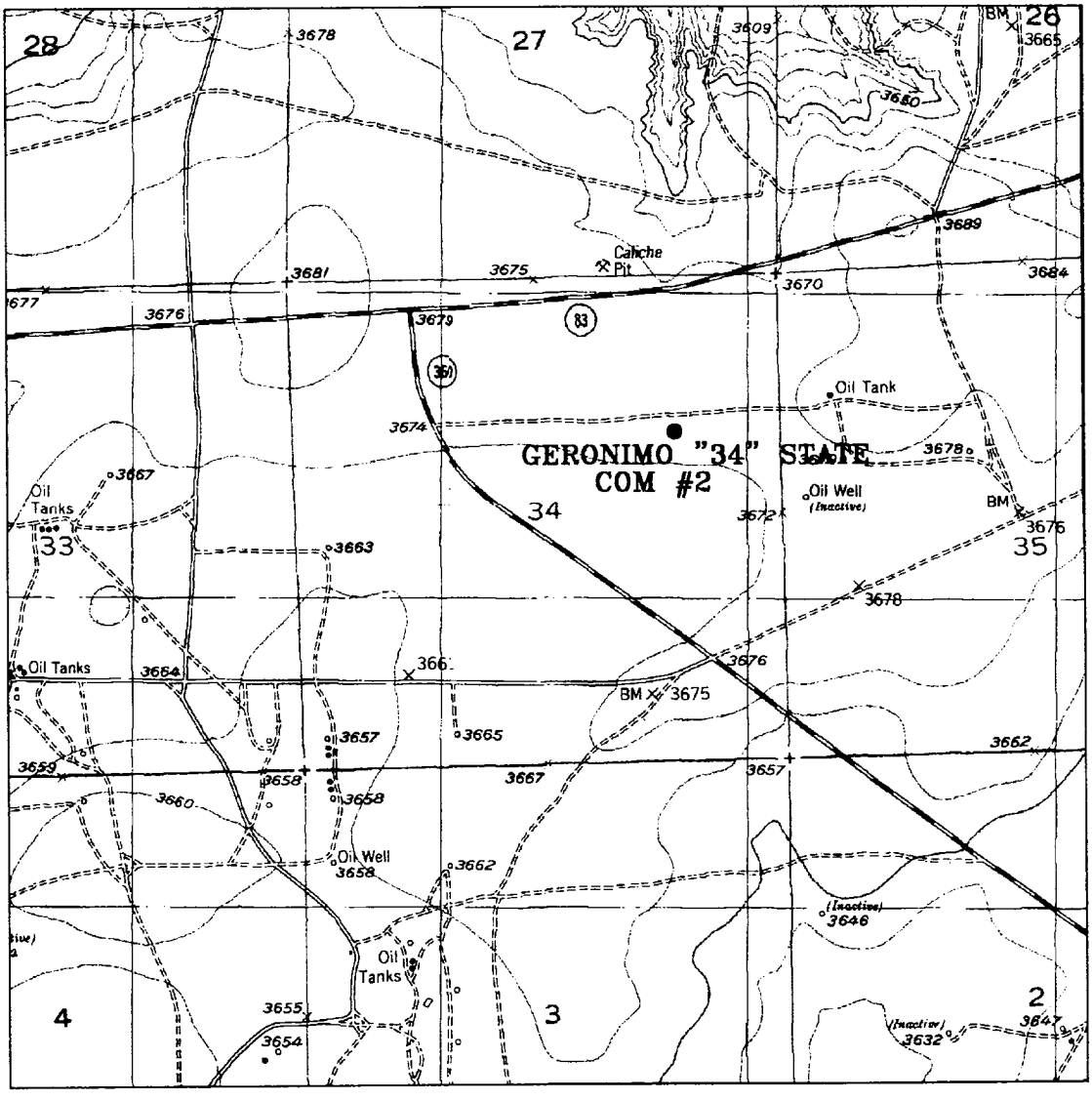
Louis Dreyfus Natural Gas Corp.

REF: Geronimo "34" State Com. #2 / Well Pad Topo

THE GERONIMO "34" STATE COM. No. 2 LOCATED 1650' FROM THE NORTH LINE AND 1140' FROM THE EAST LINE OF SECTION 34, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 1004	Drawn By: K. GOAD		
Date: 01-11-2001	Disk: KJG CD#3 - 1004A.DWG	Survey Date: 01-05-2001	Sheet 1 of 1 Sheets



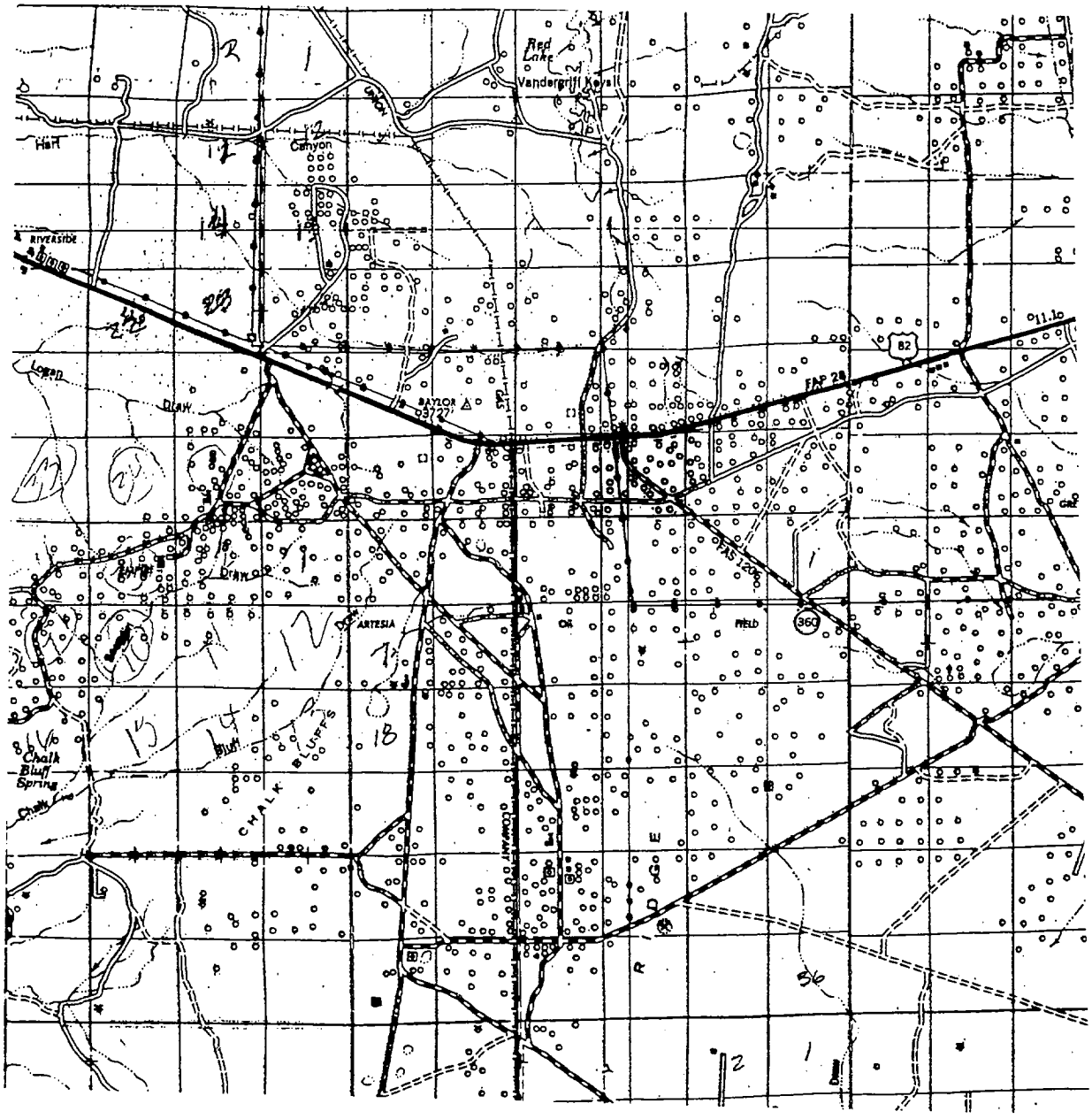
GERONIMO "34" STATE COM. #2
Located at 1650' FNL and 1140' FEL
Section 34, Township 17 South, Range 28 East,
N.M.P.M., Eddy County, New Mexico.

basin surveys
focused on excellence in the oilfield

P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(505) 393-7316 - Office
(505) 392-3074 - Fax
basinsurveys.com

W.O. Number: 1004AA - KJG CD#3
Survey Date: 01-08-2001
Scale: 1" = 2000'
Date: 01-10-2001

LOUIS DREYFUS
NATURAL GAS
CORPORATION



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(505) 392-3074 - Fax
basinsurveys.com

W.O. Number:	1004AA - KJG CD#3
Survey Date:	01-08-2001
Scale:	1" = 2 MILES
Date:	01-10-2001

LOUIS DREYFUS
NATURAL GAS
CORPORATION