

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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 PURVIS OPERATING CO. P O Box 11006 Midland, TX 79702-8006		² OGRID Number 131559
		³ API Number 30-025-07198
⁴ Property Code 15570-15604	⁵ Property Name LEA "AV" STATE	⁶ Well No. 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
E	19	12S	38E		1980	North	330	West	Lea

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

Gladiola Devonian

¹⁰ Proposed Pool 2

¹¹ Work Type Code E	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3874
¹⁶ Multiple No	¹⁷ Proposed Depth 11,905	¹⁸ Formation Devonian	¹⁹ Contractor N/A	²⁰ Spud Date 5-12-2003

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/4	13 3/8	48#	376	500	Surface
12 1/4	9 5/8	36#	4,520	2,282	1435
8 3/4	7	23#, 26#, 29#, 32#	11,866	610	8275

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 out Model "D" packer @ 9360'. Squeeze off present Wolfcamp perforations 9400'-9588' overall.
Drill out CIBP @ 9645' and at 11,800'. Clean out to PBTD of 11,905'. Test the Devonian formation
for commercial production. Build tank battery and turn to production if justified.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Donnie E. Brown</i>		Approved by: <i>Paul Hantz</i>	
Printed name: Donnie E. Brown.		Title: PETROLEUM ENGINEER	
Title: Petroleum Engineer		Approval Date: MAY 14 2003 Expiration Date:	
Date: May 5, 2003	Phone: 432-682-7346	Conditions of Approval: Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Re-Entry

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-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-07198		Pool Code 27740	Pool Name Gladiola Devonian
Property Code 15570 15604	Property Name Lea "AV" State		Well Number 2
OGRID No. 131559	Operator Name PURVIS OPERATING CO.		Elevation 3874 GL

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	19	12S	38E		1980	North	330	West	Lea

¹¹ 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

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

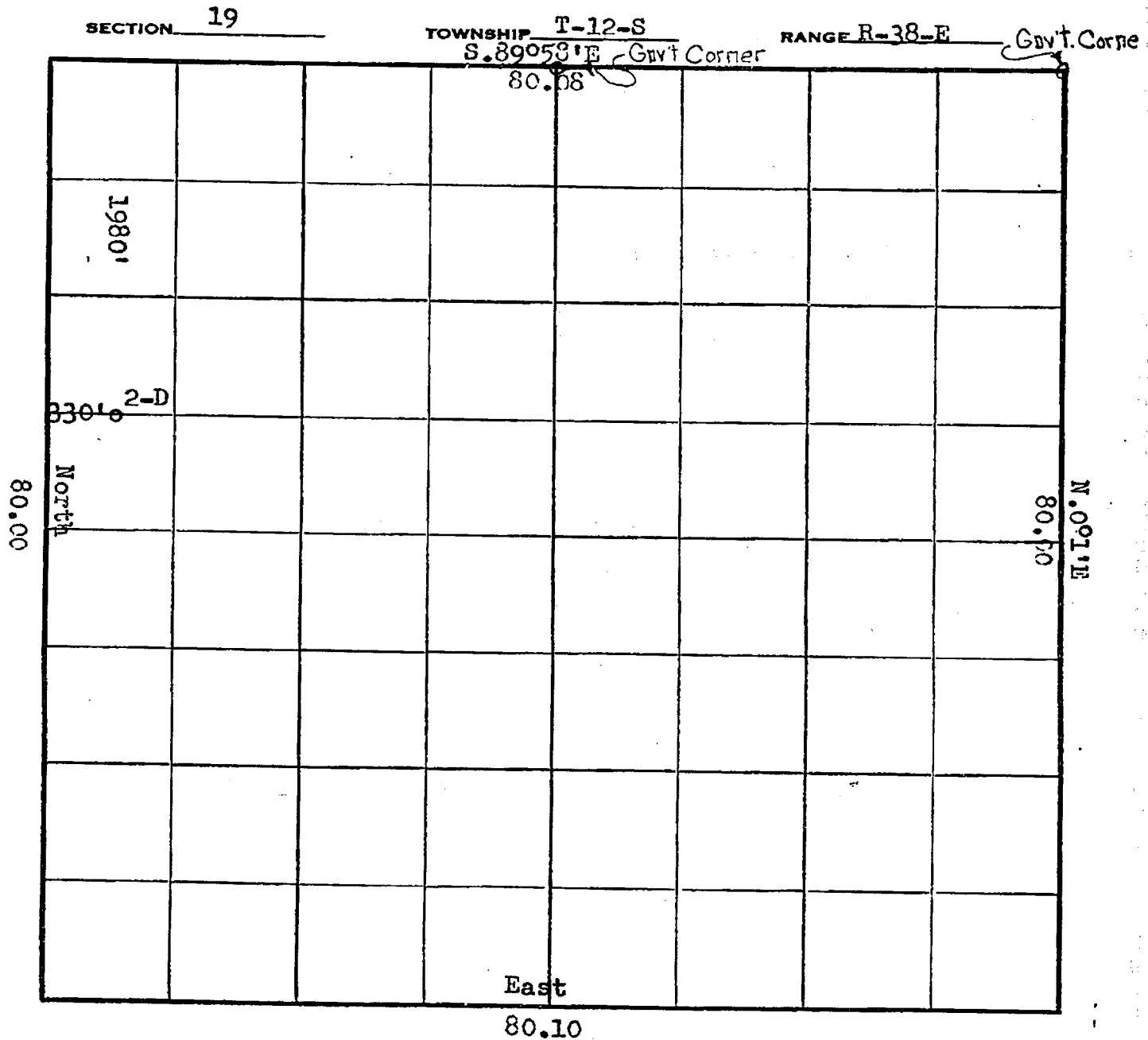
¹⁶ 				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Donnie E. Brown Printed Name Petroleum Engineer Title May 8, 2003 Date
				¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown 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. Date of Survey Signature and Seal of Professional Surveyer: Certificate Number

SECTION PLAT

GULF FW 836

SCALE 1 IN. = 800 FT.

This Plat exhibits the exact location of Gulf Oil Corporation's No. 2-D
Lea-State "AV" in Sec. 19 Twnsp. T-12-S Range R-38-E



This is to certify that I am a Registered Land Surveyor, that the above plat was prepared under my direction and that the same is true and correct to the best of my knowledge and belief.

J. A. Teague
J. A. Teague