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

[1] Operator Name and Address.	[2] OGRID Number
Barbara Fasken 303 W. Wall Ave., Suite 1900 Midland, Texas 79701-5116	001621
	[3] API Number 30 - 025-32847

[4] Property Code	[5] Property Name	[6] Well No.
004273	Wingerd	14

[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
J	24	12S	37E		1650'	South	1930'	East	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	[10] Proposed Pool 2
Gladiola - Devonian	

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
N	O	R	P	3883'
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
No	13,000'	Devonian	To be determined	February, 1995

[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"	48.0#	400'	500	surface
12-1/4"	8-5/8"	32.0 & 24.0 #	4500'	1400 est.	surface
7-7/8"	5-1/2"	17.0 & 20.0 #	13,000'	1420 est.	4500'

[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.

Attached.

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

Signature: Tommy E. Taylor

Printed name: Tommy E. Taylor

Title: Drilling & Production Engineer

Date: 1/30/95

Phone: (915) 687-1777

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY JERRY SEXTON

Title: DISTRICT I SUPERVISOR

Approval Date: FEB 01 1995

Expiration Date:

Conditions of Approval:

Attached ☐

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-102
Revised February 10, 1994
Instruction 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	Pool Code	Pool Name
30-025-32847	27740	Gladiola (Devonian)

Property Code	Property Name	Well Number
004273	WINGERD	14
OGRID No.	**Operator Name**	**Elevation**
001621	BARBARA FASKEN	3883'

Surface Location

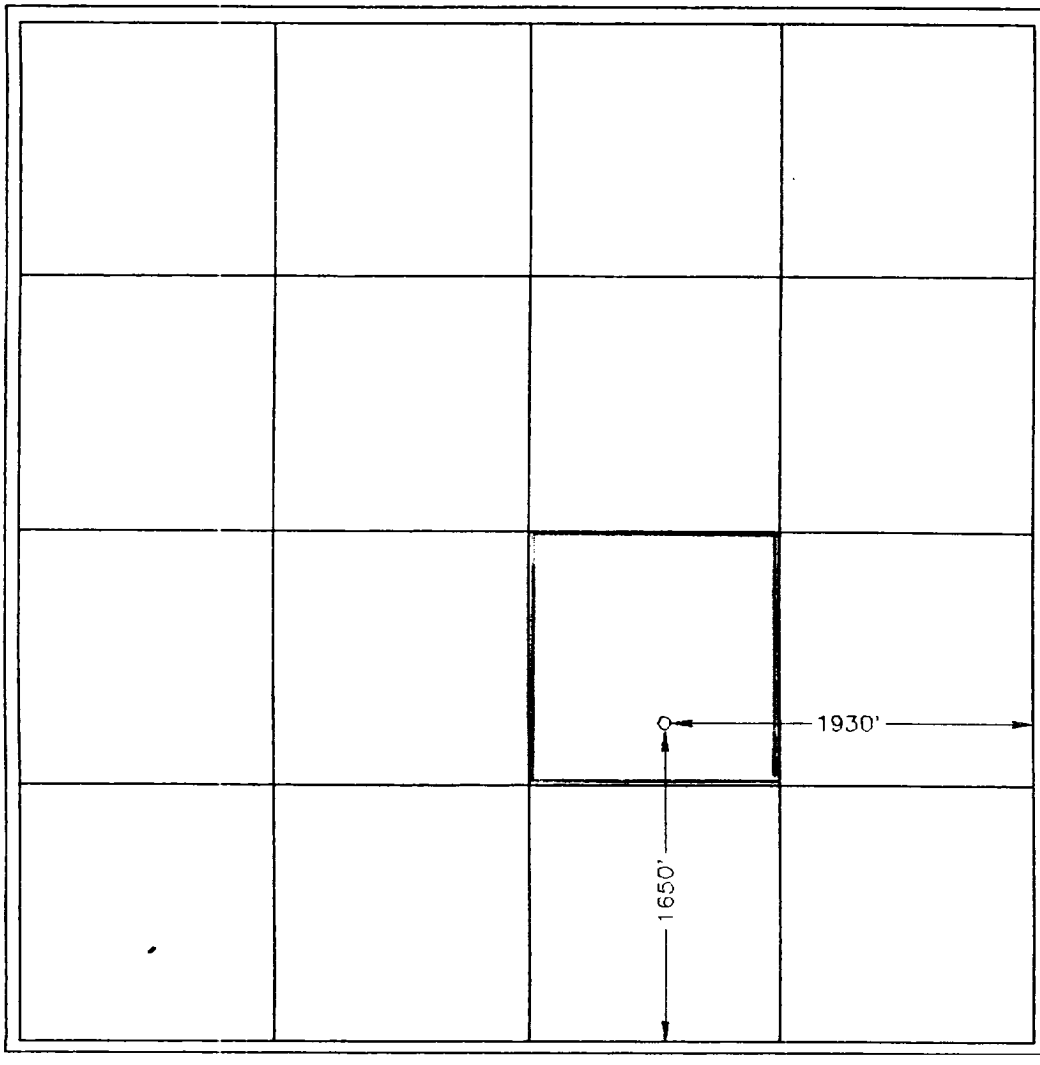
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	24	12 S	37 E		1650	SOUTH	1930	EAST	LEA

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	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSGNED 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.

Tommy E. Taylor
Signature

Tommy E. Taylor
Printed Name

Drilling & Prod. Engr.
Title

1/30/95
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 23, 1995
Date Surveyed

Signature & Seal of Professional Surveyor

W.O. # 5027

Certificate No. GARY L. JONES, 7977

Recommended Drilling and Completion Procedure

Barbara Fasken----------Wingerd No.14----------Gladiola (Devonian) Field
Lea County, NM

1. MI&RU Rotary tools.
2. Drill 17-1/2" hole to 400' with spud mud.
3. Set 13-3/8" casing at 400' and cement to surface (estimate 500 sx Class "C" with 2% CaCl2, and 1/4# Flocele/sx, s.w. 14.8 ppg, yield 1.32 cuft/sx). Install 13-5/8"-3000 psi WP SO bradenhead and BOP stack. WOC 18 hrs. or time for 500 psi compressive strength. Pressure test casing and BOP stack to 1000 psi prior to drilling out shoe plug.
4. Drill 12-1/4" or 11" hole with fresh water to 2000' and 10.0 ppg brine water from 2000' to 4500', control seepage with paper. It may be necessary to add 75-100 bbls of oil to mud at 1000' and increase viscosity to maintain hole.
5. Run fluid caliper at 4100' to determine cement volumes.
6. Set and cement 8-5/8" casing at 4500' with sufficient cement to circulate. Estimate 1200 sx HLC with 10# salt and 1/4 #/sx Flocele (s.w. 12.4 ppg, yield 2.10 cuft/sx), plus 200 sx Class "C" cement with 2% CaCl2 (s.w. 14.8 ppg, yield 1.32 cuft/sx). Set slips and cut-off casing.
7. WOC 18 hrs, install 13-5/8" x 11" 3000 psi WP intermediate spool with secondary seal assembly, bit guide, BOP's, Hydril, and choke manifold.
8. RU mud logger by 9000'.
9. Before 9000', hydrostatically test 200' of 8-5/8" casing to 2300 psi, casing spool, BOP's, choke manifold, kelly and floor safety valves to 3000 psi. Test Hydril to 1500 psi.
10. Drill 7-7/8" hole to total depth of 12,800' using fresh water to 9000', mud up with fresh water polyvis mud (8.5-9.2 ppg, 38-55 sec viscosity, 10 cc water loss). Increase viscosity as necessary to maintain hole to total depth.
11. Drill stem test all shows.
12. Log well with, CNL-LDT with Hi resolution Porosity, Phasor Induction-SFL with Micro-Log, GR and Caliper.
13. Set and cement 5-1/2" production casing with DV tool at approximately 9000' (resin coated and centralized through possible production zones). Cement as follows;

- First Stage: 10 bfw, 500 gallons Superflush 101, 10 bfw, 750 sx H 50/50 Poz with 2% Gel, 0.3% Halad-322, 0.4% Halad-344, and 3% KCl (s.w. 14.5 ppg, yield 1.21 cuft/sx).

- Second Stage: With DV tool at approximately 9000', pump 570 sx HLH with 0.3% Halad-9 (s.w. 12.4 ppg, yield 2.00 cuft/sx) plus 100 sx Class "H" neat (s.w. 15.6 ppg, yield 1.18 cuft/sx).

14. Set slips, cut-off, nipple down BOP's. Install 11" x 7-1/16"-3000 psi WP tubinghead complete with secondary seal assembly and bit guide. NU flowtree.

15. Run temperature survey to determine TOC.

16. Rig down and move out rotary tools.

17. Level location, set mast anchors, move in and rig up completion unit and reverse unit.

18. RIW with 4-5/8" bit, 5-1/2" casing scraper, 6 3-1/2" drill collars and 2-3/8" 4.70# N-80 EUE 8rd tubing. Drill out DV tool. Reciprocate casing scraper through DV tool area 10 times.

19. Pressure test casing to 1500 psi.

20. RIW and drill out casing to float collar. Pressure test casing and tubinghead to 3000 psi.

21. Spot perf acid across zone of interests. POW with tubing and lay down tools.

22. RU wireline unit and perforate pay zone. Displace acid into zone.

23. RIW with packer, SN, and tubing. Set packer and swab test well.

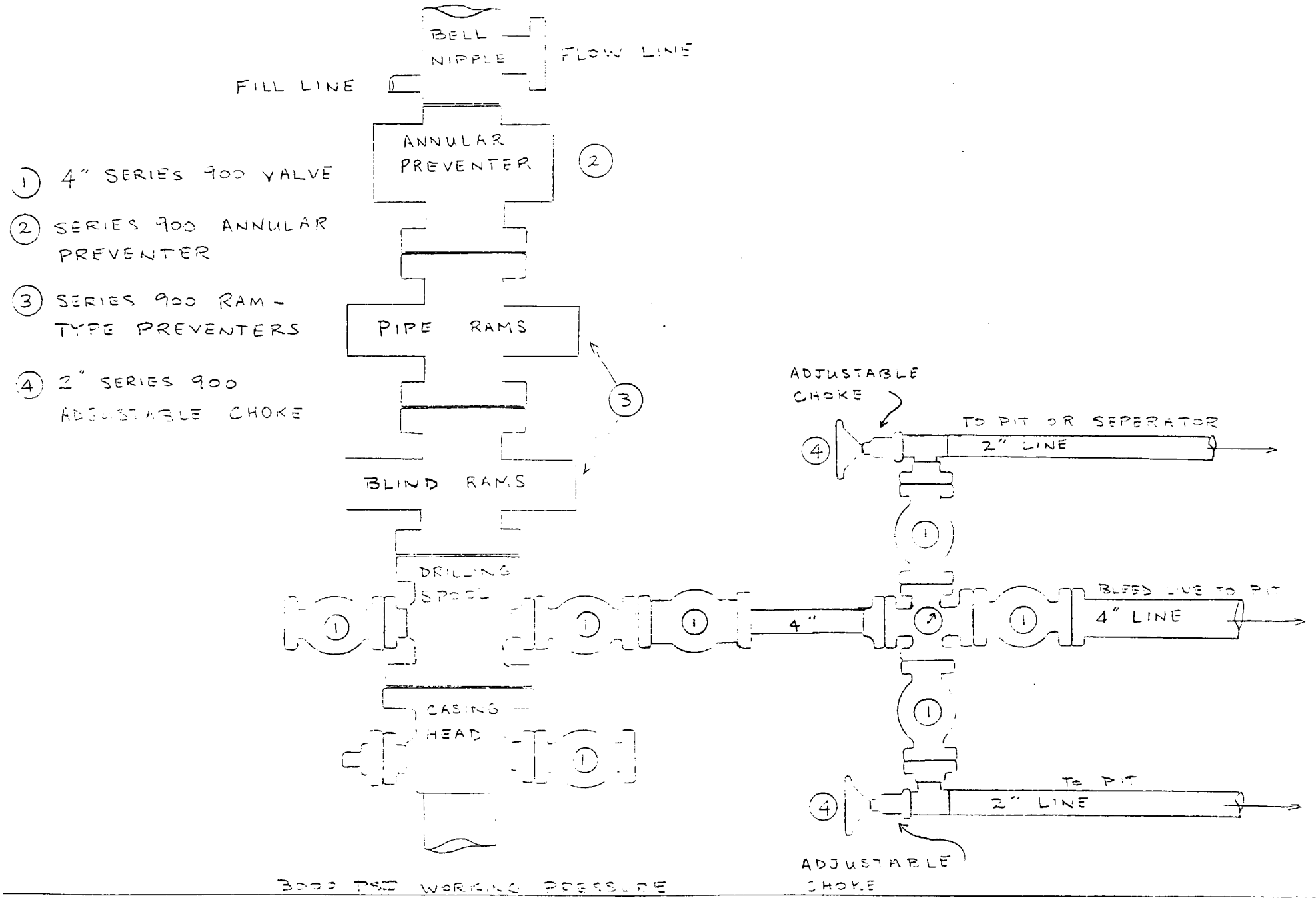
24. Test, evaluate, and stimulate well based upon evaluation.

25. Lay flow line to battery and tie into header stalk.

26. Put well on production and potential test.

27. Clean location and level reserve pit.

TET (1/5/95)


BELL NIPPLE
FLOW LINE
FILL LINE
ANNULAR PREVENTER
2
1 4" SERIES 900 VALVE
2 SERIES 900 ANNULAR PREVENTER
3 SERIES 900 RAM-TYPE PREVENTERS
4 2" SERIES 900 ADJUSTABLE CHOKE
PIPE RAMS
3
BLIND RAMS
DRILLING SPOOL
1
4"
CASING HEAD
ADJUSTABLE CHOKE
TO PIT OR SEPERATOR
2" LINE
4
BLEED LINE TO PIT
4" LINE
To PIT
2" LINE
ADJUSTABLE CHOKE
3000 PSI WORKING PRESSURE