

Date: 03/21/01 AFE No.:

Category: Drill Type: Oil

Well: Ruby No. 1
Operator: Trilogy Operating, Inc
Location: SE/4 SW/4 Sec. 24, T-19-S, R-38-E
Prospect: Emerald ProspectDepth: 7800
Fm.: Abo
County: Lea
State: New Mexico

Description	DH	Producer	Total
Permit, Surveying	1,000		1,000
Surf. Damage, ROW	35,000		35,000
Roads, Location, Pits	25,000		25,000
Drilling: L Footage 0	0		0
Daywork \$ 10,000/day X 15 days	150,000		150,000
Turnkey			0
Rig Mobilizatio \$25,000	25,000		25,000
Fuel, Boiler \$8,500	8,500		8,500
Completion Rig \$ 2000 / day		20,000	20,000
Mud & Chemicals	7,500		7,500
Water, Water Hauling	11,000		11,000
Transportation, Hauling	2,500		2,500
Bits, Reamers, Stab.	17,000		17,000
Coring			0
Drill Stem Testing			0
Equipment Rental	2,000		2,000
Special Services			0
Directional Drig.			0
Contract Labor	3,000		3,000
Mud Logging, Geological	8,000		8,000
Cementing	11,000	17,500	28,500
Logging	15,000	2,500	17,500
Perforating		3,900	3,900
Stimulation 1 - zone @ 60,000		60,000	60,000
Wellsite Supervision	9,000	7,500	16,500
Abandonment Expense	5,000		5,000
Legal Exp., Insurance	5,000		5,000
COPAS Overhead	4,500	0	4,500
			0
Contingency 10%	34,300	11,140	45,440
Total Intangible	377,300	122,540	499,840
TUBULARS			
Conductor ft.			0
Surface 1600 ft. 8 5/8"	16,500		16,500
Intermediate ft.			0
Liner ft.			0
Production 7800 ft. 5 1/2"		57,000	57,000
Tubing 7800 ft. 2 7/8"		30,000	30,000
PRODUCTION FACILITIES			
Tanks			0
Separator			0
Heater/Treater			0
Dehydrator			0
Buildings			0
Flowline/Pipeline		3,000	3,000
Valves/Fittings		2,500	2,500
ARTIFICIAL LIFT EQUIP			
Pumping Unit		30,000	30,000
Fndn./Base		1,000	1,000
Prime Mover			0
Sucker Rods		9,750	9,750
Bottom Hole Pump		1,800	1,800
Wellhead Equip.	950	950	1,900
Packer/Anchor		1,250	1,250
Other Equip.			0
Non-Controllable Equip.	2,000	1,000	3,000
Contingency 10%	1,945	13,825	15,770
Total Tangibles	21,395	152,075	173,470
TOTAL WELL COST	398,695	274,815	673,510

APPROVED THIS ___ DAY OF _____, 2001 Print Name: _____

BY: _____ Company: _____

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 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 Trilogy Operating, Inc. P.O. Box 7606 Midland, Texas 79708		OGRID Number 021602
		API Number 30-025-35508
Property Code 27873	Property Name Ruby	Well No. 1

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	24	19S	38E		330	South	2310	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 Nadine : Drinkard-Abo					Proposed Pool 2 Nadine : Blinebry				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3585
Multiple No	Proposed Depth 8000	Formation Abo	Contractor Patterson # 54	Spud Date 05-01-01

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	1700	750	Circulate
7 7/8	5 1/2	17	8000	1500	Circulate

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 12 1/4" surface hole using fresh water mud - TD hole @ approx. 1700' or hard formation
- 2) Set 8 5/8" - 24# - K55 casing @ 1700' - cement w/ approx. 750 sx class "c" cement and circulate to surface
- 3) WOC 12 hrs - Test BOP's to 3000 psi - Begin drilling 7 7/8" hole w/ brine water mud
- 4) TD 7 7/8" hole @ approx. 8000' - run open hole logs
- 5) Set 5 1/2" - 17# - N80 & J55 casing - cement w/ approx. 1500 sx of class "H" cement and circulate cement to surface
- 6) If Non-productive - P&A well as per NMOCD

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

Signature: 
Printed name: Michael G. Mooney

Title: Engineer

Date: 04-07-01

Phone: 915-686-2027

OIL CONSERVATION DIVISION

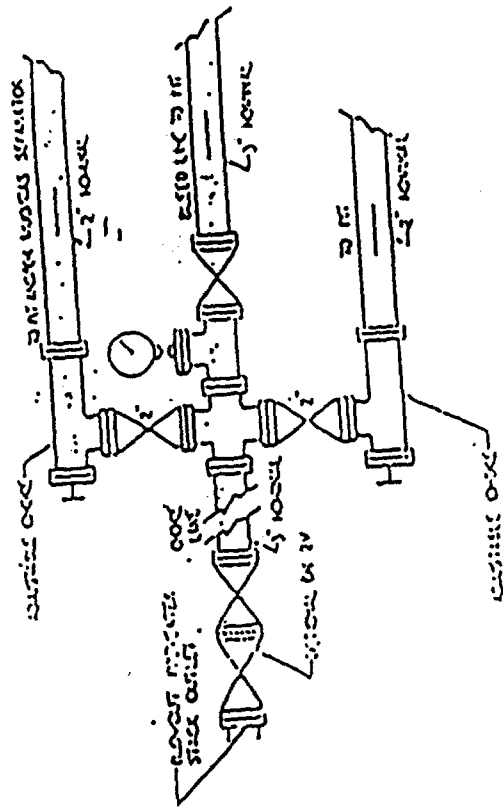
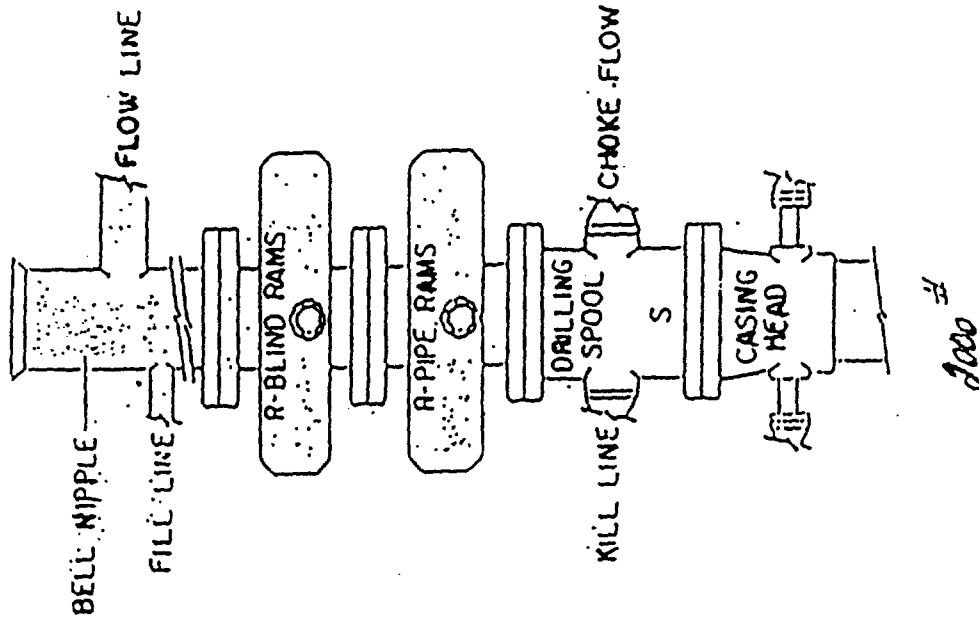
Approved By: ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Title:

Approval Date: 4/6/01

Expiration Date:

Conditions of Approval:
Attached: ☐



PROPOSED BOP' CONFIGUREMENT

2000

DISTRICT I
P.O. Box 1990, Hobbs, NM 88241-1990

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

OIL CONSERVATION DIVISION

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

DISTRICT III
O Rio Brasos Rd., Aztec, NM 87410

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-35508		Pool Code 47510	Pool Name Nadine : Drinkard-Abo
Property Code 27873	Property Name RUBY		Well Number 1
OGRID No. 021602	Operator Name TRILOGY OPERATING INC.		Elevation 3585'

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	24	19-S	38-E		330	SOUTH	2310	WEST	LEA

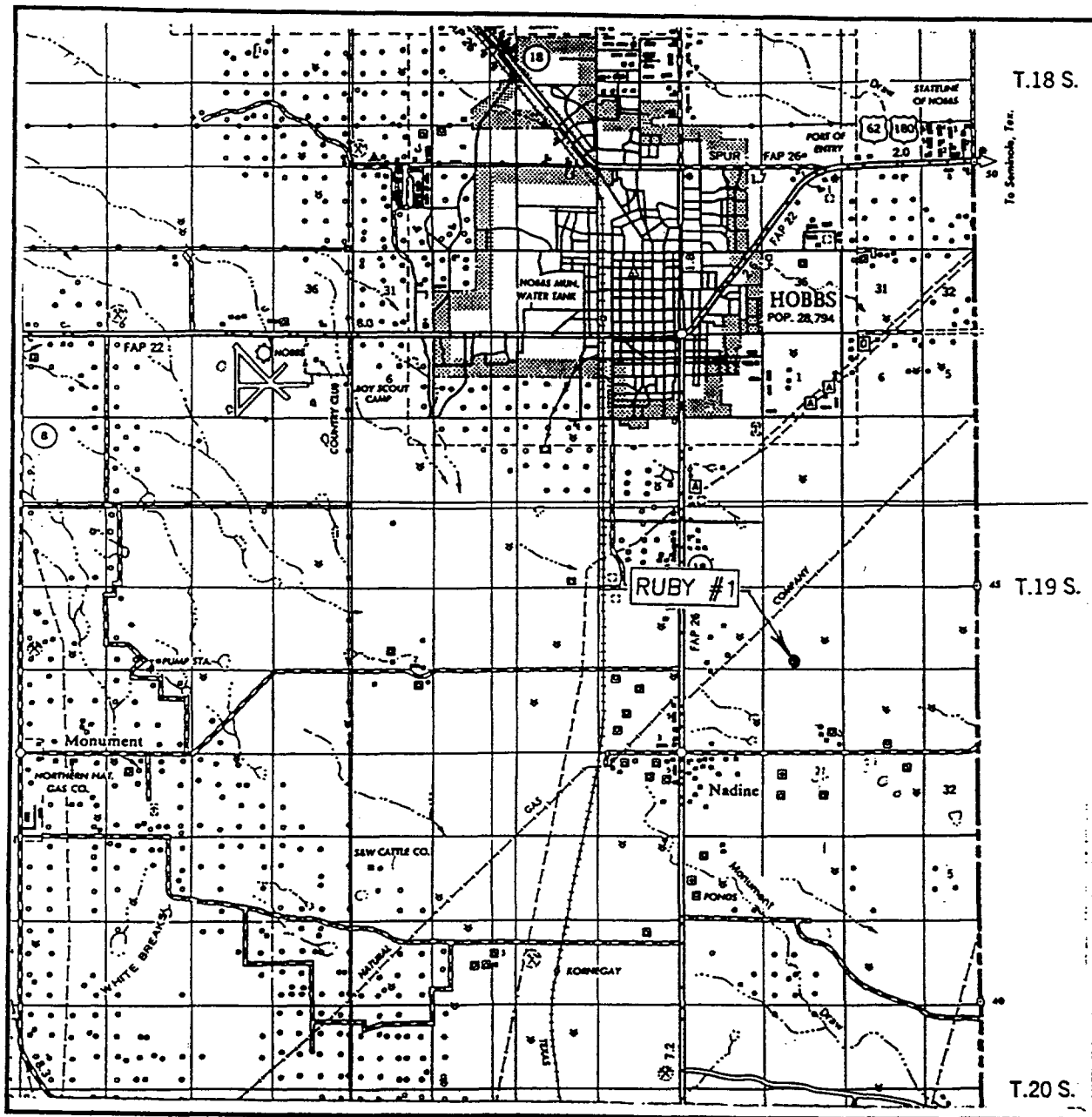
Bottom Hole Location If Different From Surface

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

				OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Michael G. Mooney Printed Name Engineer Title 4/07/01 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 supervision, and that the same is true and correct to the best of my belief. MARCH 30, 2001 Date Surveyed AWB Signature Professional Surveyor Certification No. RONALD J. EDSON 3239 12841	

VICINITY MAP

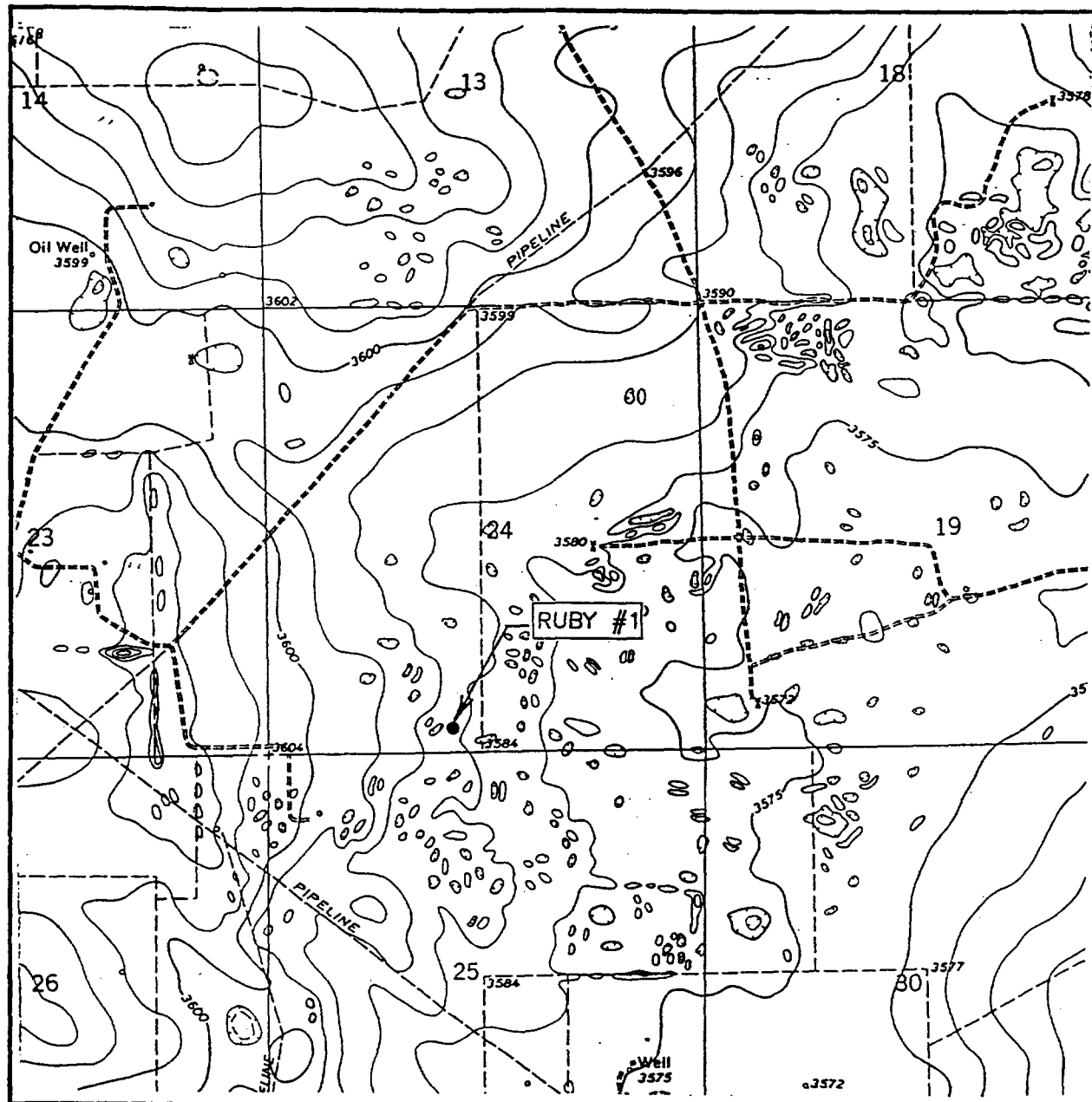


SCALE: 1" = 2 MILES

SEC. 24 TWP. 19-S RGE. 38-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 330' FSL & 2310' FWL
 ELEVATION 3585'
 OPERATOR TRILOGY OPERATING INC.
 LEASE RUBY

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 5'
HOBBS EAST, N.M.

SEC. 24 TWP. 19-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330'FSL & 2310'FWL

ELEVATION 3585'

OPERATOR TRILOGY OPERATING INC.

LEASE RUBY

U.S.G.S. TOPOGRAPHIC MAP
HOBBS EAST, N.M.

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