

P.O. Box 7606
Midland, Texas 79708

TRILOGY OPERATING, INC.

915/686-2027
FAX 915/686-2040

May 6, 2003

New Mexico Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, New Mexico 87504

RECEIVED

MAY 09 2003

OIL CONSERVATION
DIVISION

Re: Well Costs
Sapphire #2 Well
NW/4 NE/4 Section 24, T-19-S, R-38-E,
Case No. 12925, Order No. R-11843
Lea County, New Mexico
Emerald Prospect

Ladies & Gentlemen:

In compliance with Order No. R-11843, please find enclosed a schedule of the well costs incurred in drilling, completing and equipping of the captioned well. We have also delivered a copy of this schedule to those parties for whom we have addresses who had previously elected not to participate in this well.

Additionally, we have submitted a copy of the Order to each such party. Should you have any questions, please contact our office.

Yours very truly,

Jerry A. Weant, CPL
President

cc: Thomas W. Kellahin
117 N. Guadalupe
Santa Fe, New Mexico 87501

Compulsory Pooling: Sapphire #2: NMOCD Well Costs 050603

TRILOGY OPERATING, INC.
DRILLING AND COMPLETION COSTS

WELL NAME	DK	JIB CODE	TRANS DATE	VENDOR NAME	REFERENCE	IDC	EQUIPMENT	DESCRIPTION	DETAIL
SAPPHIRE #2	A	3-03	07/25/02	BU SERVICES COMPANY	980940	10,122.11	0.00	CEMENTING	CEMENT 8 5/8"
SAPPHIRE #2	A	3-03	08/09/02	BU SERVICES COMPANY	983265	22,981.56	0.00	CEMENTING	
SAPPHIRE #2	A	3-04	01/07/03	POOL COMPANY TEXAS LTD.	068-002748	17,685.94	0.00	COMPLETION UNIT	
SAPPHIRE #2	A	3-05	07/19/02	AUGER AIR DRILLING & MFG., INC	14316	1,494.81	0.00	DRILLING	40' STARTING HOLE
SAPPHIRE #2	A	3-05	08/09/02	STAR DRILLING CORPORATION	6027	133,264.51	0.00	DRILLING	
SAPPHIRE #2	A	3-09	12/09/02	K & S ELECTRIC CO.	62708	6,244.43	0.00	ELECTRICAL HOOKUP	
SAPPHIRE #2	A	3-10	08/09/02	AKOME, INC.	2913	434.60	0.00	EQUIP RENTAL/TRUCKING	TRASH TRAILER RENT
SAPPHIRE #2	A	3-10	08/28/02	EDDINS-WALCHER	0107807-IN	103.36	0.00	EQUIP RENTAL/TRUCKING	TANK MOVE FEE
SAPPHIRE #2	A	3-10	08/07/02	FORKLIFT ENTERPRISES, INC.	63102	377.71	0.00	EQUIP RENTAL/TRUCKING	FORKLIFT
SAPPHIRE #2	A	3-10	08/13/02	MCCLATCHY BROS., INC.	73753	244.11	0.00	EQUIP RENTAL/TRUCKING	HAUL 4 JTS 5 1/2"
SAPPHIRE #2	A	3-10	08/14/02	MCCLATCHY BROS., INC.	73805	100.00	0.00	EQUIP RENTAL/TRUCKING	BACKHAUL 6 JTS CSG
SAPPHIRE #2	A	3-10	11/30/02	PATE TRUCKING CO., INC.	42139	1,605.90	0.00	EQUIP RENTAL/TRUCKING	FRAC TANK RENTAL
SAPPHIRE #2	A	3-10	11/30/02	PATE TRUCKING CO., INC.	42139	577.70	0.00	EQUIP RENTAL/TRUCKING	BLOWDOWN TANK RE
SAPPHIRE #2	A	3-10	11/30/02	PATE TRUCKING CO., INC.	42139	497.67	0.00	EQUIP RENTAL/TRUCKING	
SAPPHIRE #2	A	3-10	11/30/02	PATE TRUCKING CO., INC.	42170	763.20	0.00	EQUIP RENTAL/TRUCKING	FRAC TANK RENTAL
SAPPHIRE #2	A	3-10	11/30/02	PATE TRUCKING CO., INC.	42170	763.20	0.00	EQUIP RENTAL/TRUCKING	
SAPPHIRE #2	A	3-10	12/13/02	PATE TRUCKING CO., INC.	42228	338.14	0.00	EQUIP RENTAL/TRUCKING	
SAPPHIRE #2	A	3-10	12/13/02	PRADON CONSTRUCTION &	220032	461.30	0.00	EQUIP RENTAL/TRUCKING	HAUL RODS
SAPPHIRE #2	A	3-10	08/15/02	SAMUEL CALLAWAY D/B/A	113076	908.95	0.00	EQUIP RENTAL/TRUCKING	H2S PACKAGE RENTAL
SAPPHIRE #2	A	3-10	08/01/02	SANI-TECH RENTALS, INC.	9598	95.40	0.00	EQUIP RENTAL/TRUCKING	
SAPPHIRE #2	A	3-10	09/01/02	SANI-TECH RENTALS, INC.	9652	190.80	0.00	EQUIP RENTAL/TRUCKING	
SAPPHIRE #2	A	3-10	12/07/02	VISTA SERVICES, LLC	6064	809.68	0.00	EQUIP RENTAL/TRUCKING	KILL TRUCK
SAPPHIRE #2	A	3-10	12/13/02	WEATHERFORD ARTIFICIAL LIFT	1070361RI	2,921.12	0.00	EQUIP RENTAL/TRUCKING	HAUL/SET UNIT
SAPPHIRE #2	A	3-10	11/15/02	WILLIAM HICKS D/B/A	6470	307.40	0.00	EQUIP RENTAL/TRUCKING	FORKLIFT
SAPPHIRE #2	A	3-13	09/05/02	MICHAEL G. MOONEY, D/B/A	2001123	4,522.32	0.00	LABOR - ENGINEER	
SAPPHIRE #2	A	3-13	01/29/03	MICHAEL G. MOONEY, D/B/A	2001156	4,798.55	0.00	LABOR - ENGINEER	
SAPPHIRE #2	A	3-15	08/09/02	GEORGE ULMO	080902	805.47	0.00	LABOR - GEOLOGIST	WELDER
SAPPHIRE #2	A	3-16	07/23/02	A-1 WELDING, INC.	1736	191.25	0.00	LABOR - ROUSTABOUT	WELDER
SAPPHIRE #2	A	3-16	07/25/02	A-1 WELDING, INC.	1741	212.50	0.00	LABOR - ROUSTABOUT	WELDER
SAPPHIRE #2	A	3-16	08/09/02	A-1 WELDING, INC.	1779	170.00	0.00	LABOR - ROUSTABOUT	WELDER
SAPPHIRE #2	A	3-16	08/26/02	JAMES O. ROBERSON D/B/A	4451	699.60	0.00	LABOR - ROUSTABOUT	
SAPPHIRE #2	A	3-16	08/26/02	JAMES O. ROBERSON D/B/A	4452	633.88	0.00	LABOR - ROUSTABOUT	
SAPPHIRE #2	A	3-16	08/27/02	JAMES O. ROBERSON D/B/A	4486	222.60	0.00	LABOR - ROUSTABOUT	
SAPPHIRE #2	A	3-16	09/24/02	JAMES O. ROBERSON D/B/A	4695	997.46	0.00	LABOR - ROUSTABOUT	
SAPPHIRE #2	A	3-16	12/27/02	JAMES O. ROBERSON D/B/A	5165	1,364.75	0.00	LABOR - ROUSTABOUT	
SAPPHIRE #2	A	3-18	08/22/02	JAMES O. ROBERSON D/B/A	4445	2,756.00	0.00	LOCATION - CLEANUP	BURY PIT
SAPPHIRE #2	A	3-18	11/07/02	JAMES O. ROBERSON D/B/A	4917	148.40	0.00	LOCATION - CLEANUP	
SAPPHIRE #2	A	3-19	07/31/02	AKOME, INC.	2907	2,110.73	0.00	LOCATION - ROADS, PITS, PADS	LINE PIT
SAPPHIRE #2	A	3-19	07/09/02	EVERARDO SUAREZ D/B/A	369	3,800.00	0.00	LOCATION - ROADS, PITS, PADS	
SAPPHIRE #2	A	3-19	07/10/02	EVERARDO SUAREZ D/B/A	370	4,160.00	0.00	LOCATION - ROADS, PITS, PADS	
SAPPHIRE #2	A	3-19	07/11/02	EVERARDO SUAREZ D/B/A	371	3,960.00	0.00	LOCATION - ROADS, PITS, PADS	
SAPPHIRE #2	A	3-19	07/12/02	EVERARDO SUAREZ D/B/A	372	1,080.00	0.00	LOCATION - ROADS, PITS, PADS	
SAPPHIRE #2	A	3-19	07/15/02	EVERARDO SUAREZ D/B/A	373	1,040.00	0.00	LOCATION - ROADS, PITS, PADS	
SAPPHIRE #2	A	3-19	07/26/02	S & H ENTERPRISES, INC.	SH020701	6,400.00	0.00	LOCATION - ROADS, PITS, PADS	2560 YDS CALICHE
SAPPHIRE #2	A	3-19	12/04/02	WALLACH CONCRETE, INC.	58539	93.07	0.00	LOCATION - ROADS, PITS, PADS	12.5 TONS SPECIAL
SAPPHIRE #2	A	3-20	07/26/02	S & H ENTERPRISES, INC.	SH020701	18,150.00	0.00	LOCATION - ROADS, PITS, PADS	LOCATION,CROP,ROAD
SAPPHIRE #2	A	3-21	07/17/02	JOHN WEST SURVEYING COMPANY	02-11-0496	604.32	0.00	LOCATION - SURVEY	STAKE LOCATION

TRILOGY OPERATING, INC.
DRILLING AND COMPLETION COSTS

WELL NAME	JIB DK CODE	TRANS DATE	VENDOR NAME	REFERENCE	IDC	EQUIPMENT	DESCRIPTION	DETAIL
SAPPHIRE #2	A	3-23	08/16/02	MORCO GEOLOGICAL SERVICES, INC	4938	11,686.14	LOGGING - MUD	
SAPPHIRE #2	A	3-24	08/19/02	SCHLUMBERGER WELL SERVICES	9090879395	17,099.26	LOGGING - OPEN HOLE	
SAPPHIRE #2	A	3-25	09/05/02	A-1 SIGN ENGRAVERS, INC.	2002-6214	45.73	MISCELLANEOUS	WELL SIGN
SAPPHIRE #2	A	3-25	08/29/02	HOBB'S ANCHOR, INC.	12704	670.98	MISCELLANEOUS	SET ANCHORS
SAPPHIRE #2	A	3-25	08/28/02	RYE SUPPLY CO., INC.	502677	31.67	MISCELLANEOUS	
SAPPHIRE #2	A	3-25	07/26/02	S & H ENTERPRISES, INC.	SH020701	4,000.00	MISCELLANEOUS	REVERSE PKG
SAPPHIRE #2	A	3-25	08/08/02	S & S EQUIPMENT & SUPPLY, INC.	62531	700.28	MISCELLANEOUS	FLINTCOAT 5 1/2"
SAPPHIRE #2	A	3-26	08/12/02	HORIZON MUD COMPANY	05178	9,357.19	MUD & CHEMICALS	
SAPPHIRE #2	A	3-27	12/04/02	RONALD L. WALLACE D/B/A	1506	473.82	PACKER REPAIR	
SAPPHIRE #2	A	3-29	11/21/02	CAPTAN CORPORATION	3759	6,095.25	PERFORATING	
SAPPHIRE #2	A	3-31	11/08/02	HRC INC.	HI20021102	300.74	WASTE WATER / MUD DISPOSAL	
SAPPHIRE #2	A	3-31	11/30/02	PATE TRUCKING CO., INC.	42139	1,126.67	WASTE WATER / MUD DISPOSAL	
SAPPHIRE #2	A	3-31	11/30/02	VISTA SERVICES, LLC	5979	491.65	WASTE WATER / MUD DISPOSAL	
SAPPHIRE #2	A	3-32	11/22/02	BJ SERVICES COMPANY	998214	4,312.96	STIMULATION - ACIDIZING	
SAPPHIRE #2	A	3-33	11/25/02	BJ SERVICES COMPANY	998637	57,457.26	STIMULATION - FRACTURE	
SAPPHIRE #2	A	3-40	07/26/02	S & H ENTERPRISES, INC.	SH020701	350.00	WATER	700 BLS WATER
SAPPHIRE #2	A	3-43	07/31/02	TRILOGY OPERATING, INC.	07/20021	716.67	INSURANCE	
SAPPHIRE #2	A	3-43	08/31/02	TRILOGY OPERATING, INC.	08/20021	14.67	INSURANCE	
SAPPHIRE #2	A	3-43	09/30/02	TRILOGY OPERATING, INC.	09/20021	13.17	INSURANCE	
SAPPHIRE #2	A	3-43	10/31/02	TRILOGY OPERATING, INC.	10/20021	14.78	INSURANCE	
SAPPHIRE #2	A	3-43	11/30/02	TRILOGY OPERATING, INC.	11/20021	14.78	INSURANCE	
SAPPHIRE #2	A	3-43	12/31/02	TRILOGY OPERATING, INC.	12/20021	14.78	INSURANCE	
SAPPHIRE #2	A	3-46	07/31/02	KEY ENERGY SERVICES, INC.	412051078	2,957.40	WATER TRANSPORT	
SAPPHIRE #2	A	3-46	07/31/02	KEY ENERGY SERVICES, INC.	412051079	2,789.39	WATER TRANSPORT	
SAPPHIRE #2	A	3-46	07/31/02	KEY ENERGY SERVICES, INC.	412051080	310.05	WATER TRANSPORT	
SAPPHIRE #2	A	3-46	08/12/02	KEY ENERGY SERVICES, INC.	412051233	548.55	WATER TRANSPORT	
SAPPHIRE #2	A	3-46	08/12/02	KEY ENERGY SERVICES, INC.	412051234	2,215.40	WATER TRANSPORT	
SAPPHIRE #2	A	3-46	08/16/02	KEY ENERGY SERVICES, INC.	412051270	524.70	WATER TRANSPORT	
SAPPHIRE #2	A	3-46	11/30/02	PATE TRUCKING CO., INC.	42139	2,881.08	WATER TRANSPORT	
SAPPHIRE #2	A	3-52	08/13/02	BULL ROGERS LAYDOWN, INC.	802-31 PU	778.85	CASING CREW	PICKUP SERVICE
SAPPHIRE #2	A	3-52	08/13/02	BULL ROGERS, INC.	802-31	1,684.00	CASING CREW	RUN 5 1/2" CSG
SAPPHIRE #2	A	3-56	08/28/02	EDDINS-WALCHER	0107807-IN	835.16	FUEL	924 GAL DIESEL
SAPPHIRE #2	A	4-01	12/06/02	DON-NAN PUMP & SUPPLY CO., INC	465144	2,605.70	BOTTOM HOLE PUMP	
SAPPHIRE #2	A	4-02	07/24/02	POSEY PIPE COMPANY	99-196	13,366.33	CASING	1732'. 8 5/8", J55
SAPPHIRE #2	A	4-05	08/28/02	ONDA-LAY PIPE & RENTAL, INC.	02-8725	4,084.56	LINE PIPE	3000'. 3"
SAPPHIRE #2	A	4-07	12/09/02	K & S ELECTRIC CO.	62708	14,024.25	MISCELLANEOUS	ELECTRICAL
SAPPHIRE #2	A	4-09	11/27/02	WEATHERFORD ARTIFICIAL LIFT	1064198R1	55,801.20	PUMPING UNIT	STRAPJACK 320-246-64
SAPPHIRE #2	A	4-11	12/13/02	WEATHERFORD ARTIFICIAL LIFT	1070361R1	2,205.00	PUMPING UNIT	PUMPING UNIT BASE
SAPPHIRE #2	A	4-11	12/30/02	DON-NAN PUMP & SUPPLY CO., INC	464975	209.55	SUCKER RODS	4 PONY RODS
SAPPHIRE #2	A	4-11	12/30/02	WEATHERFORD ARTIFICIAL LIFT	1078351 RI	8,201.48	SUCKER RODS	182 JTS, 3/4", HS
SAPPHIRE #2	A	4-11	12/30/02	WEATHERFORD ARTIFICIAL LIFT	1078351 RI	5,718.73	SUCKER RODS	98 JTS, 7/8", HS
SAPPHIRE #2	A	4-11	12/30/02	WEATHERFORD ARTIFICIAL LIFT	1078351 RI	254.35	SUCKER RODS	PONY RODS
SAPPHIRE #2	A	4-13	10/31/02	MATERIAL TRANSFER	MT0210-01	2,690.03	TUBING	625'. 2 7/8", L80
SAPPHIRE #2	A	4-14	12/05/02	DON-NAN PUMP & SUPPLY CO., INC	464975	418.70	TUBING ANCHOR	
SAPPHIRE #2	A	4-15	08/29/02	AMERICAN PUMP PARTS SUPPLY	00013786 E	1,208.19	VALVES & FITTINGS	
SAPPHIRE #2	A	4-15	09/11/02	AMERICAN PUMP PARTS SUPPLY	00013808	219.49	VALVES & FITTINGS	
SAPPHIRE #2	A	4-15	10/25/02	AMERICAN PUMP PARTS SUPPLY	00014068	376.15	VALVES & FITTINGS	

TRILOGY OPERATING, INC.
DRILLING AND COMPLETION COSTS

WELL NAME	DK	JIB CODE	TRANS DATE	VENDOR NAME	REFERENCE	IDC	EQUIPMENT	DESCRIPTION	DETAIL
SAPPHIRE #2	A	4-15	11/20/02	AMERICAN PUMP PARTS SUPPLY	00014240 E	0.00	81.31	VALVES & FITTINGS	
SAPPHIRE #2	A	4-15	12/05/02	DON-NAN PUMP & SUPPLY CO., INC	464975	0.00	851.58	VALVES & FITTINGS	
SAPPHIRE #2	A	4-15	09/26/02	RYE SUPPLY CO., INC.	503675	0.00	1,431.34	VALVES & FITTINGS	
SAPPHIRE #2	A	4-17	07/25/02	DON-NAN PUMP & SUPPLY CO., INC	450312	0.00	637.93	WELLHEAD	CASINGHEAD
SAPPHIRE #2	A	4-17	08/13/02	DON-NAN PUMP & SUPPLY CO., INC	452228	0.00	803.93	WELLHEAD	TUBINGHEAD
SAPPHIRE #2	A	5-03	08/12/02	POSEY PIPE COMPANY	99-200	0.00	13,443.09	CASING	2498', 5 1/2", J55, 17#
SAPPHIRE #2	A	5-03	08/12/02	POSEY PIPE COMPANY	99-200	0.00	30,241.77	CASING	5343', 5 1/2", N80, 17#
SAPPHIRE #2	A	5-14	11/14/02	HOBBS RENTAL CORPORATION	25322V	0.00	19,080.00	TUBING	7200', 2 7/8", N80
SAPPHIRE #2	A	5-14	08/15/02	MATERIAL TRANSFER	MT0208-03	0.00	4,889.48	TUBING	1767', 2 7/8", N80, 6.5#
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Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
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

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-025-35949
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. N/A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	7. Lease Name or Unit Agreement Name Sapphire
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐	

2. Name of Operator Trilogy Operating, Inc	8. Well No. 2
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3. Address of Operator P.O. Box 7606, Midland, Texas 79708	9. Pool name or Wildcat Nadine : Drinkard-Abo
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4. Well Location Unit Letter <u>B</u> : <u>990</u> Feet From The <u>North</u> Line and <u>1900</u> Feet From The <u>East</u> Line Section <u>24</u> Township <u>19S</u> Range <u>38E</u> NMPM Lea County
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10. Date Spudded 07/24/02	11. Date T.D. Reached 08/08/02	12. Date Compl. (Ready to Prod.) 12/03/02	13. Elevations (DF & RKB, RT, GR, etc.) 3591 GR	14. Elev. Casinghead 3589
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15. Total Depth 7750	16. Plug Back T.D. 7720	17. If Multiple Compl. How Many Zones? No	18. Intervals Drilled By Rotary Tools ☒ Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name 6838' - 7072', Drinkard	20. Was Directional Survey Made Yes
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21. Type Electric and Other Logs Run Dual Laterolog, Compensated Density-Neutron	22. Was Well Cored No
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23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	1692	12 1/4	750 sx class "c"	
5 1/2	17	7750	7 7/8	1550 sx class "c" & "H"	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	7100	none

26. Perforation record (interval, size, and number) 6838'-6844', 6992'-7004', 7059'-7064', 7067'-7072' 2 spf - total 60 holes 0.41" hole size	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	6838'-7072'	Acidize w/ 2500 gals 15% NEFE
		Frac w/ 71,000 gals Borate + 102,000# sand

28. PRODUCTION							
Date First Production 12/03/02		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2 1/2" x 1 1/2" x 20' RHBC insert pump				Well Status (Prod. or Shut-in) Prod	
Date of Test 12/13/02	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - BbL 60	Gas - MCF 102	Water - BbL 78	Gas - Oil Ratio 1700
Flow Tubing Press. N/A	Casing Pressure 35	Calculated 24-Hour Rate	Oil - BbL 60	Gas - MCF 102	Water - BbL 78	Oil Gravity - API - (Corr.) 34.8	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold - Dynegy	Test Witnessed By Donny Money
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30. List Attachments Logs, C-104, Deviation Surveys
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31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Michael G. Mooney Printed Name Michael G. Mooney Title Engineer Date 12/17/02

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all specific tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____ 1600.0
 T. Salt _____ 1755.0
 B. Salt _____ 2900.0
 T. Yates _____
 T. 7 Rivers _____ 3270.0
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____ 4300.0
 T. Glorieta _____ 5520.0
 T. Paddock _____
 T. Blinberry _____ 5830.0
 T. Tubb _____ 6630.0
 T. Drinkard _____ 6838.0
 T. Abo _____ 7150.0
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn. "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzte _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 5830 to 7700
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0.0	1600.0	1600.0	sand & chert				
1601.0	1755.0	154.0	anhydrite				
1756.0	2900.0	1144.0	Salt				
2901.0	3270.0	369.0	Sand, anhydrite				
3271.0	4300.0	1029.0	sand & dolomite				
4301.0	7750.0	3449.0	Dolomite & Limestone				

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, 1984
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
1000 Rio Brazos 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 30-025-35949	Pool Code 47510	Pool Name Nadine Drinkard - Abo
Property Code 28066	Property Name SAPPHIRE	Well Number 2
OGRID No. 021602	Operator Name TRILOGY OPERATING INC.	Elevation 3591'

Surface Location

UL or lot No. B	Section 24	Township 19-S	Range 38-E	Lot Idn	Feet from the 990	North/South line NORTH	Feet from the 1900	East/West line EAST	County -LEA
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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 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 7/15/02 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. JULY 09, 2002 Date Surveyed AWB Signature & Seal of Professional Surveyor Certificate No. RONALD G. EDSON 3239 GARY EDSON 12641