

Exhibits 1 through 12
Complete Set

DOCKET: Examiners Hearing - Thursday, September 15, 1994

Case #11084 - Project Area: S/2NE/4, SE/4NW/4, S/2SW/4, & SE/4, Sec. 34, T7S, R31E
S/2, Sec. 35, T7S, R31E

EXHIBIT #1^A Map

EXHIBIT #2^B Offset Operators

MILLER FEDERAL #3

EXHIBIT #3^C Horizontal Drilling Procedure

EXHIBIT #4^D Schematic

MILLER FEDERAL #6

EXHIBIT #5^F Horizontal Drilling Procedure

EXHIBIT #6^F Schematic

MILLER FEDERAL #7

EXHIBIT #7^G Horizontal Drilling Procedure

EXHIBIT #8^H Schematic

MILLER FEDERAL #8

EXHIBIT #9^I Horizontal Drilling Procedure

EXHIBIT #10^J Schematic

MILLER FEDERAL #9

EXHIBIT #11^K Horizontal Drilling Procedure

EXHIBIT #12^L Schematic

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
9-15-94 EXHIBIT NO. _____
CASE NO. 11084

18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

EXHIBIT #1
Case #11084

S/2NE/4, SE/4NW/4, S/2SW/4 & SE/4
Sec. 34, T7S, R31E
S/2, Sec. 35, T7S, R31E
Tom Tom San Andres Field
Chaves County, New Mexico

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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STEEL

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EXHIBIT #2 B

Case #11084

MILLER FEDERAL #3,#6,#7,#8 & #9
S/2NE/4,SE/4NW/4,S/2SW/4&SE/4, Sec. 34, T7S, R31E
S/2, Sec. 35, T7S, R31E

Offset Operators:

Yates Petroleum Corporation
105 South 4th
Artesia, NM 88210

Murphy Operating Corporation
P.O. Box 2648
Roswell, NM 88202

Western Reserves Oil Co., Inc.
P.O. Box 993
Midland, Texas 79702

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EXHIBIT #3C

Case #11084

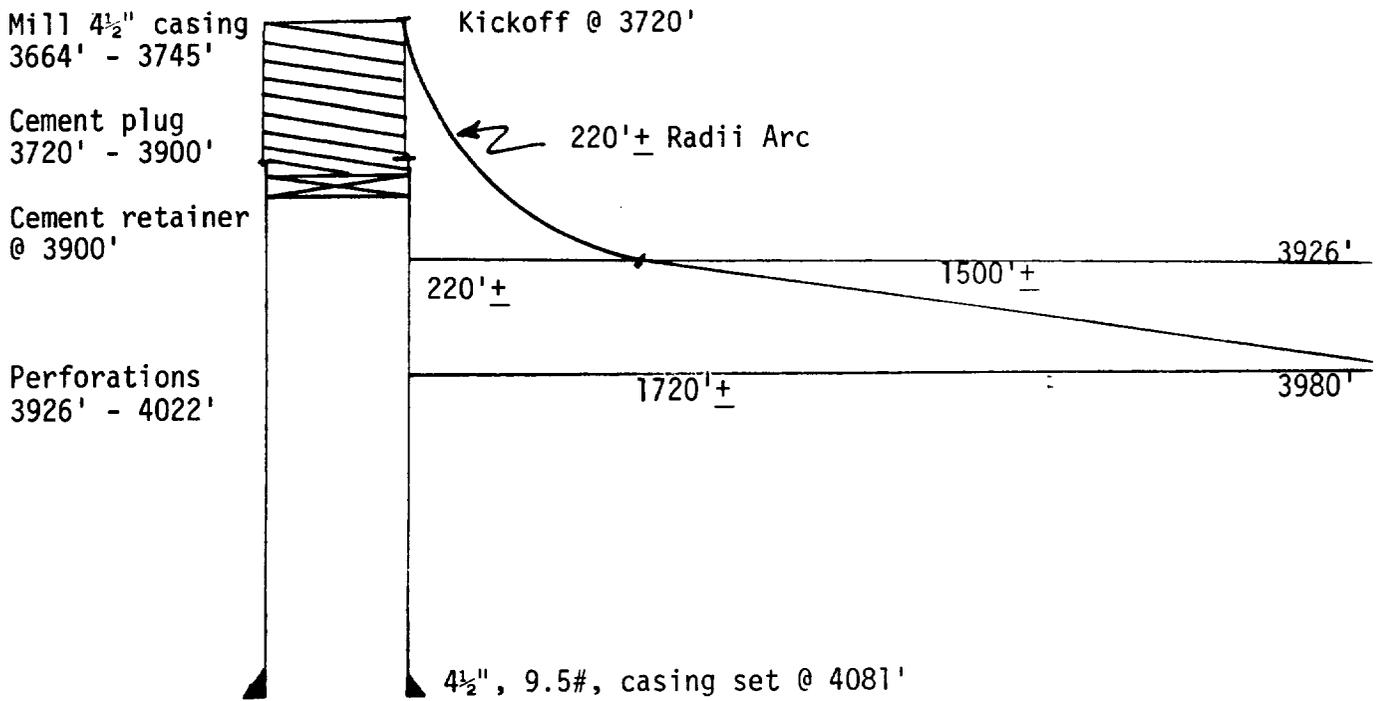
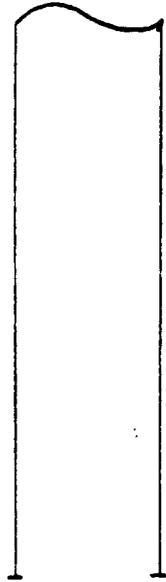
MILLER FEDERAL #3
Unit H&G, S/2NE/4
Section 34, T7S, R31E
Tom Tom San Andres Field
Chaves County, New Mexico

HORIZONTAL DRILLING PROCEDURE

1. Set cement retainer @ 3900'. Cement squeeze perforations 3926' to 4022'. Pressure test casing to 1000 psi.
2. Mill section in 4½" casing from approximately 3664' to 3745'. Set cement plug. Drill out cement to approximately 3720'.
3. Run directional survey.
4. Kickoff cement plug at approximately 3720'.
5. Drill 220 + feet radii curve to an inclination of approximately 85 to 90 degrees. Conduct surveys every 35 feet of the arc.
6. Drill laterally approximately 1500 + feet in a direction of our choice, thru a vertical depth of approximately 3926' to 3980'.
7. Conduct surveys every 70 feet in the lateral.
8. A distance of 100 feet will be maintained by the horizontal hole from the lease line.

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MILLER FEDERAL #3



Case #11084

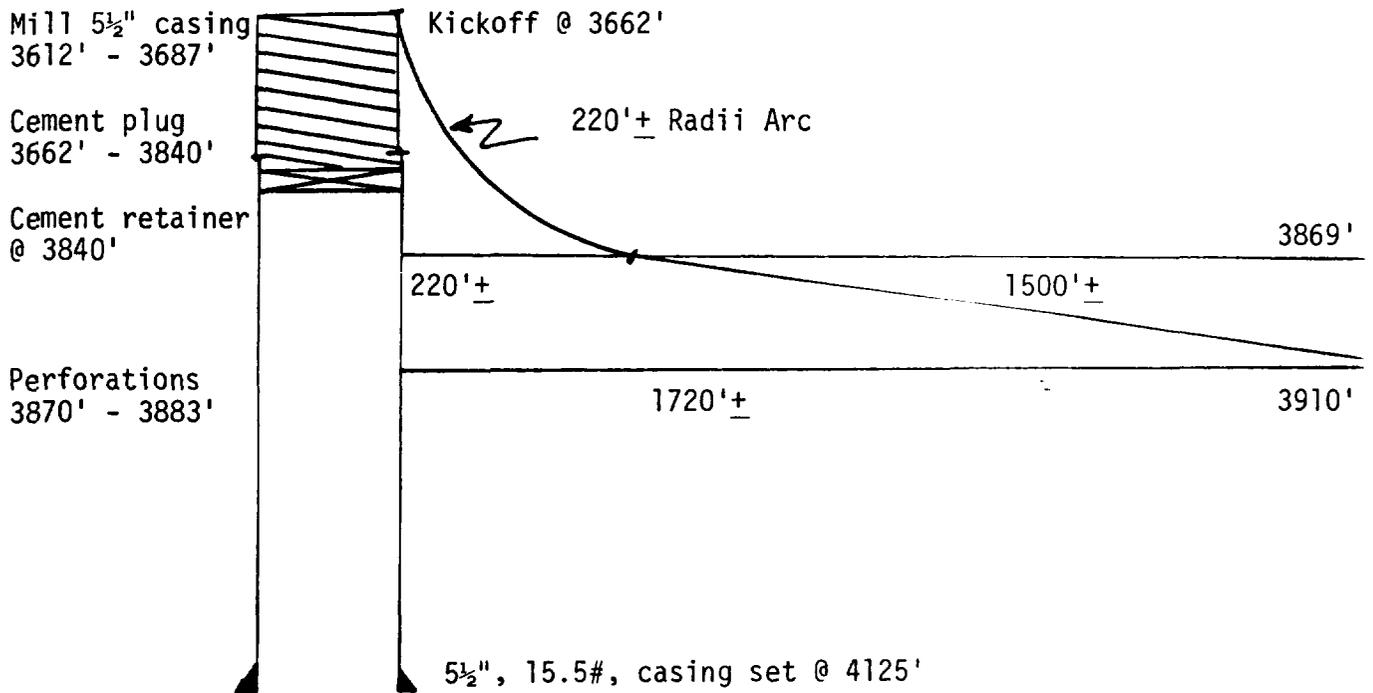
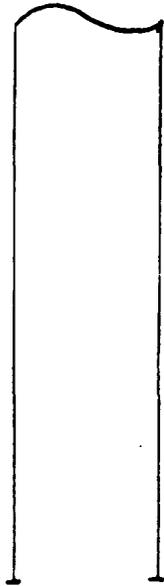
MILLER FEDERAL #6
Unit M&N, S/2SW/4
Section 34, T7S, R31E
Tom Tom San Andres Field
Chaves County, New Mexico

HORIZONTAL DRILLING PROCEDURE

1. Set cement retainer @ 3840'. Cement squeeze perforations 3870' to 3883'. Pressure test casing to 1000 psi.
2. Mill section in 5½" casing from approximately 3612' to 3687'. Set cement plug. Drill out cement to approximately 3662'.
3. Run directional survey.
4. Kickoff cement plug at approximately 3662'.
5. Drill 220+ feet radii curve to an inclination of approximately 85 to 90 degrees. Conduct surveys every 35 feet of the arc.
6. Drill laterally approximately 1500+ feet in a direction of our choice, thru a vertical depth of approximately 3869' to 3910'.
7. Conduct surveys every 70 feet in the lateral.
8. A distance of 100 feet will be maintained by the horizontal hole from the lease line.

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MILLER FEDERAL #6



Case #11084

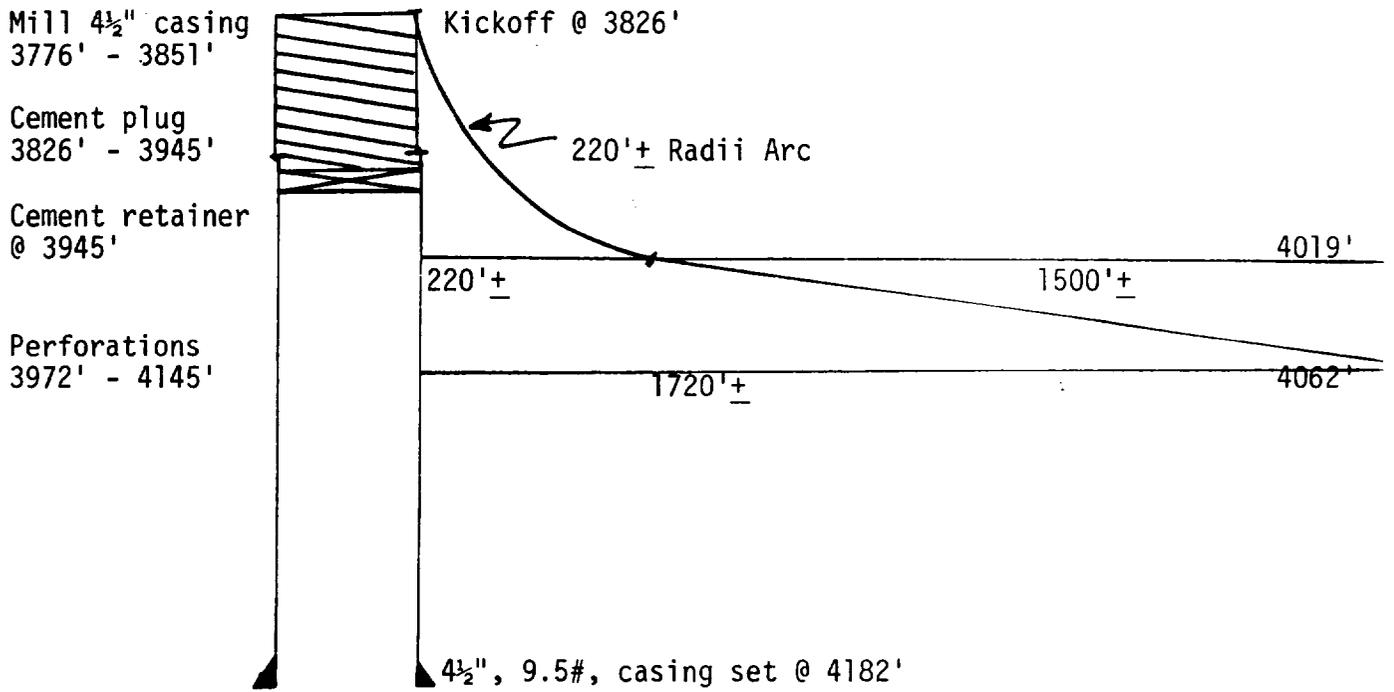
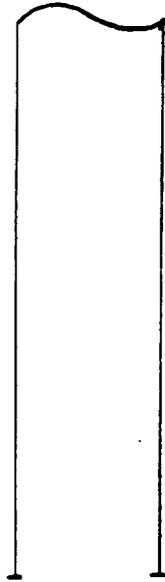
MILLER FEDERAL # 7
Unit I, NE/4SE/4
Section 35, T7S, R31E
Tom Tom San Andres Field
Chaves County, New Mexico

HORIZONTAL DRILLING PROCEDURE

1. Set cement retainer @ 3945'. Cement squeeze perforations 3972' to 4145'. Pressure test casing to 1000 psi.
2. Mill section in 4½" casing from approximately 3776' to 3851'. Set cement plug. Drill out cement to approximately 3826'.
3. Run directional survey.
4. Kickoff cement plug at approximately 3826'.
5. Drill 220+ feet radii curve to an inclination of approximately 85 to 90 degrees. Conduct surveys every 35 feet of the arc.
6. Drill laterally approximately 1500+ feet in a direction of our choice, thru a vertical depth of approximately 4019' to 4062'.
7. Conduct surveys every 70 feet in the lateral.
8. A distance of 100 feet will be maintained by the horizontal hole from the lease line.

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MILLER FEDERAL #7



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EXHIBIT # 8 I

Case #11084

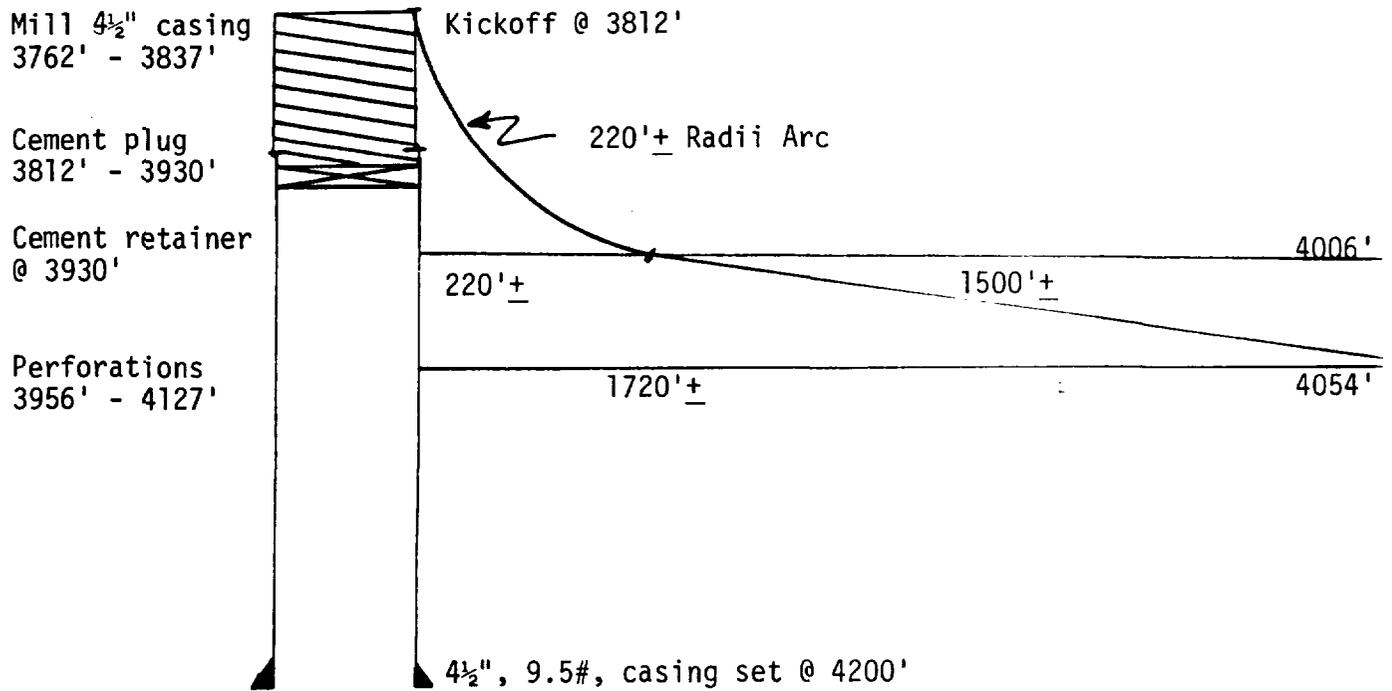
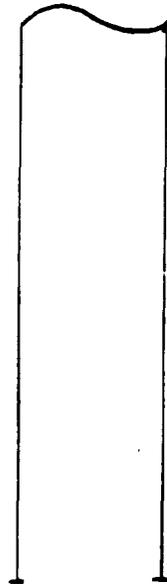
MILLER FEDERAL # 8
Unit P&O, S/2SE/4
Section 35, T7S, R31E
Tom Tom San Andres Field
Chaves County, New Mexico

HORIZONTAL DRILLING PROCEDURE

1. Set cement retainer @ 3930'. Cement squeeze perforations 3956' to 4127'. Pressure test casing to 1000 psi.
2. Mill section in 4½" casing from approximately 3762' to 3837'. Set cement plug. Drill out cement to approximately 3812'.
3. Run directional survey.
4. Kickoff cement plug at approximately 3812'.
5. Drill 220+ feet radii curve to an inclination of approximately 85 to 90 degrees. Conduct surveys every 35 feet of the arc.
6. Drill laterally approximately 1500+ feet in a direction of our choice, thru a vertical depth of approximately 4006' to 4054'.
7. Conduct surveys every 70 feet in the lateral.
8. A distance of 100 feet will be maintained by the horizontal hole from the lease line.

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MILLER FEDERAL #8



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EXHIBIT # ~~X~~ K

Case #11084

MILLER FEDERAL # 9
Unit J&K, NW/4SE/4&NE/4SW/4
Section 34, T7S, R31E
Tom Tom San Andres Field
Chaves County, New Mexico

HORIZONTAL DRILLING PROCEDURE

1. Set cement retainer @ 3965'. Cement squeeze perforations 3993' to 4112'. Pressure test casing to 1000 psi.
2. Mill section in 4½" casing from approximately 3744' to 3819'. Set cement plug. Drill out cement to approximately 3794'.
3. Run directional survey.
4. Kickoff cement plug at approximately 3794'.
5. Drill 220+ feet radii curve to an inclination of approximately 85 to 90 degrees. Conduct surveys every 35 feet of the arc.
6. Drill laterally approximately 1500+ feet in a direction of our choice, thru a vertical depth of approximately 3986' to 4040'.
7. Conduct surveys every 70 feet in the lateral.
8. A distance of 100 feet will be maintained by the horizontal hole from the lease line.

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EXHIBIT #12 L

Case #11084

MILLER FEDERAL #9

