

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. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division

1220 S. St. Francis
Santa Fe, NM 87505Form C-101
Revised March 17, 1999Submit 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 MURCHISON OIL & GAS, INC. 1100 MIRA VISTA BLVD. PLANO, TX. 75093-4698		² OGRID Number 015363
⁴ Property Code 008132	⁵ Property Name RINGER FEDERAL COM	³ API Number 30 - 1015 - 33026 ⁶ Well No. 5

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
M	3	25S	26E		1250	SOUTH	1250	WEST	EDDY

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 WHITE CITY PENN					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3293' GL
¹⁶ Multiple N	¹⁷ Proposed Depth 11,600'	¹⁸ Formation MORROW	¹⁹ Contractor TO BE DETERMINED	²⁰ Spud Date 4/1/04

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"	61 #/FT	270'	300	SURFACE
12-1/4"	9-5/8"	36 #/FT	1930'	600	SURFACE
8-3/4"	7-5/8"	33 & 38 #/FT	8750'	900	1200'
6-1/2"	5-1/2"	17 #/FT	8450' - 11600'	400	8450 (TOP OF LINER)

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, CASE AND COMPLETE WELL IN MORROW FORMATION

- BOP'S INCLUDE:**
- 1) HYDRILL DOUBLE RAM 11" X 3000 PSI
 - 2) DOUBLE RAM 11" X 5000 PSI
 - 3) CHOKE MANIFOLD 4" X 5000 PSI FLANGED CONNECTION
 - 4) SIX STATION ACCUMULATOR CLOSING UNIT w/ REMOTE CONTROL

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

Signature:

*Michael S. Daugherty*Printed name: **MICHAEL S. DAUGHERTY**Title: **VICE PRESIDENT OPERATIONS**Date: **10/1/03**Phone: **(972) 931-0700***Btk* **OIL CONSERVATION DIVISION**

Approved by:

James W. Green
District Supervisor

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

District I
1625 N. French Dr. Hobbs, NM 88240

District II
611 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

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, N M 87505

Form C-102

Revised March 17, 1999
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 87280	Pool Name WHITE CITY PENN
Property Code 008137	Property Name RINGER FEDERAL COM	Well Number 5
OGRID No. 015363	Operation Name MURCHISON OIL & GAS, INC.	Elevation 3293

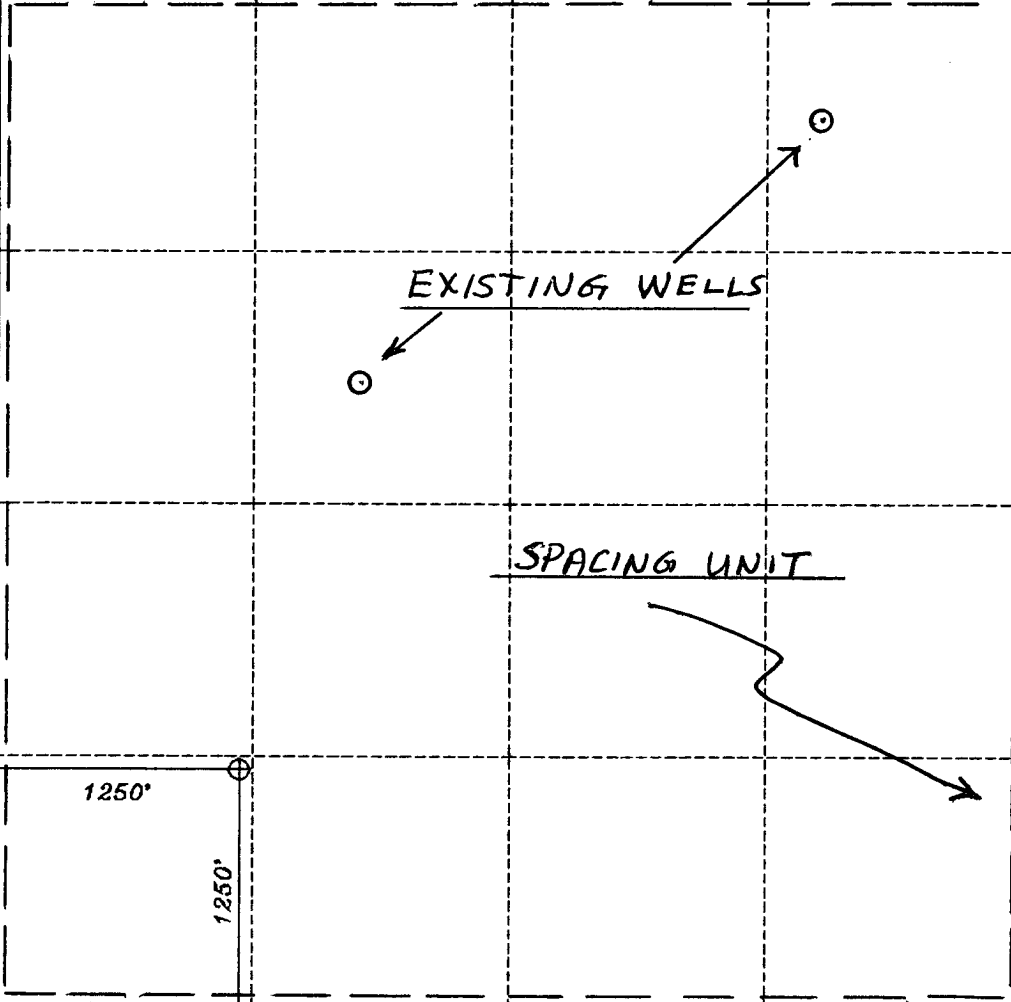
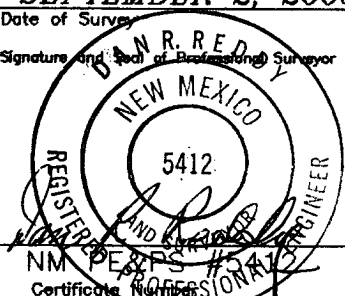
Surface Location

UL or Lot No. M	Section 3	Township 25-S	Range 26-E	Lot Idn.	Feet from the 1250	North/South line SOUTH	Feet from the 1250	East/West line WEST	County EDDY
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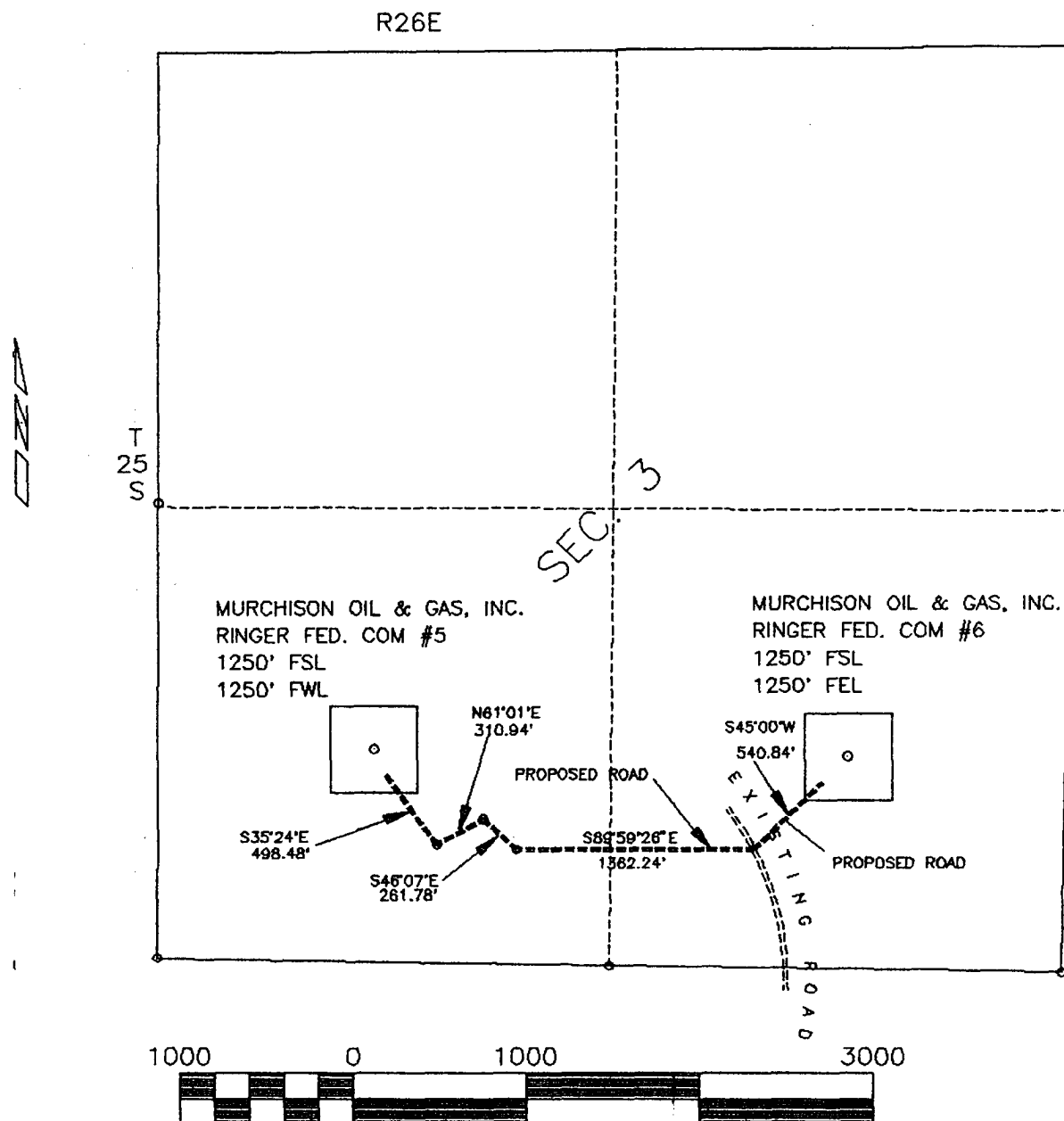
Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 640	Joint or Infill	Consolidation Code	Order No.						

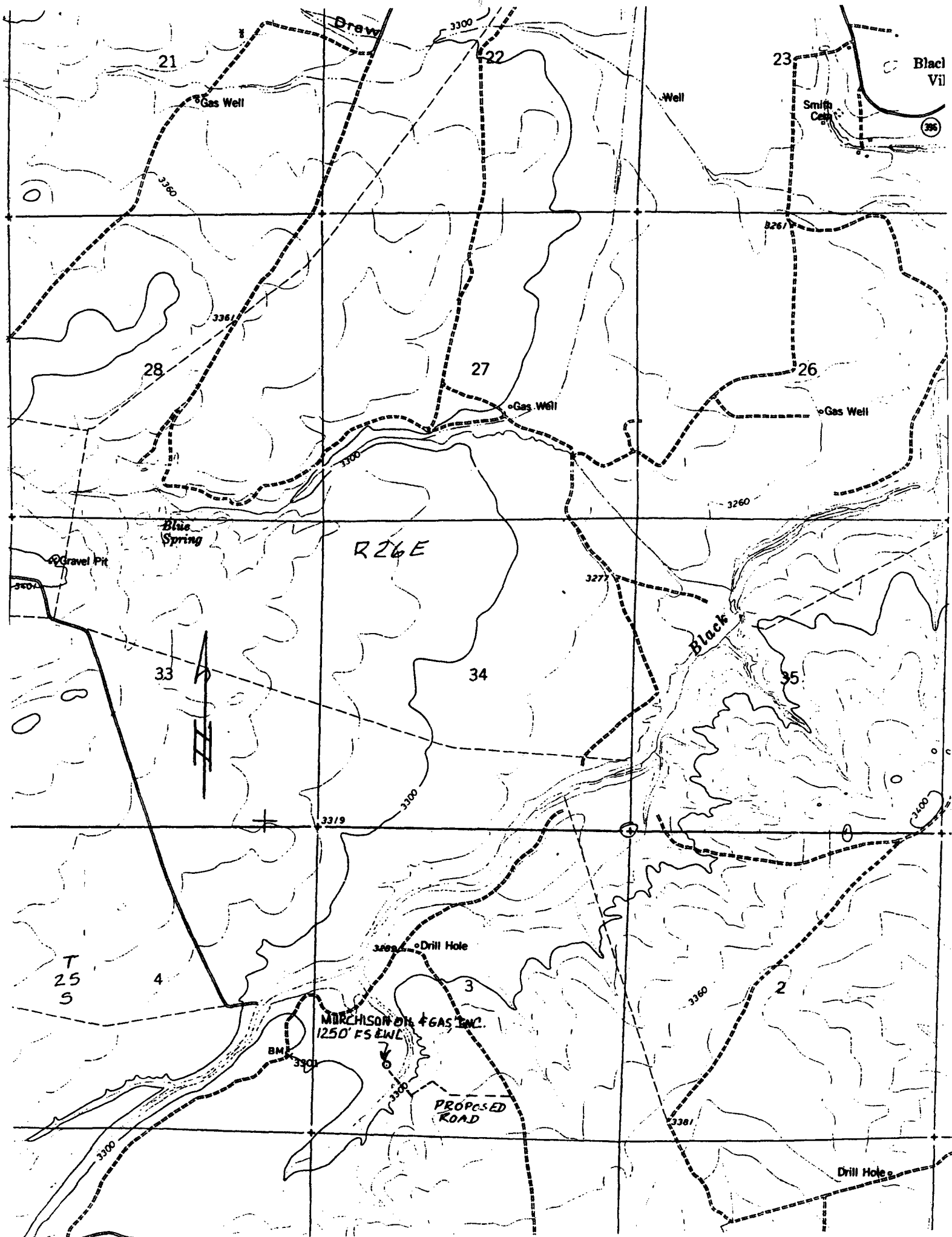
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTEREST HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I HEREBY CERTIFY THAT THE INFORMATION HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
	Signature <i>Michael S. Daugherty</i>
	Printed Name MICHAEL S. DAUGHERTY
	Title VICE PRESIDENT OPERATIONS
Date 10/1/03	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 KNOWLEDGE AND BELIEF.
Date of Survey SEPTEMBER 2, 2003	Signature and Seal of Professional Surveyor
	

PROPOSED ACCESS ROAD SKETCH



Scale 1" = 1000 ft



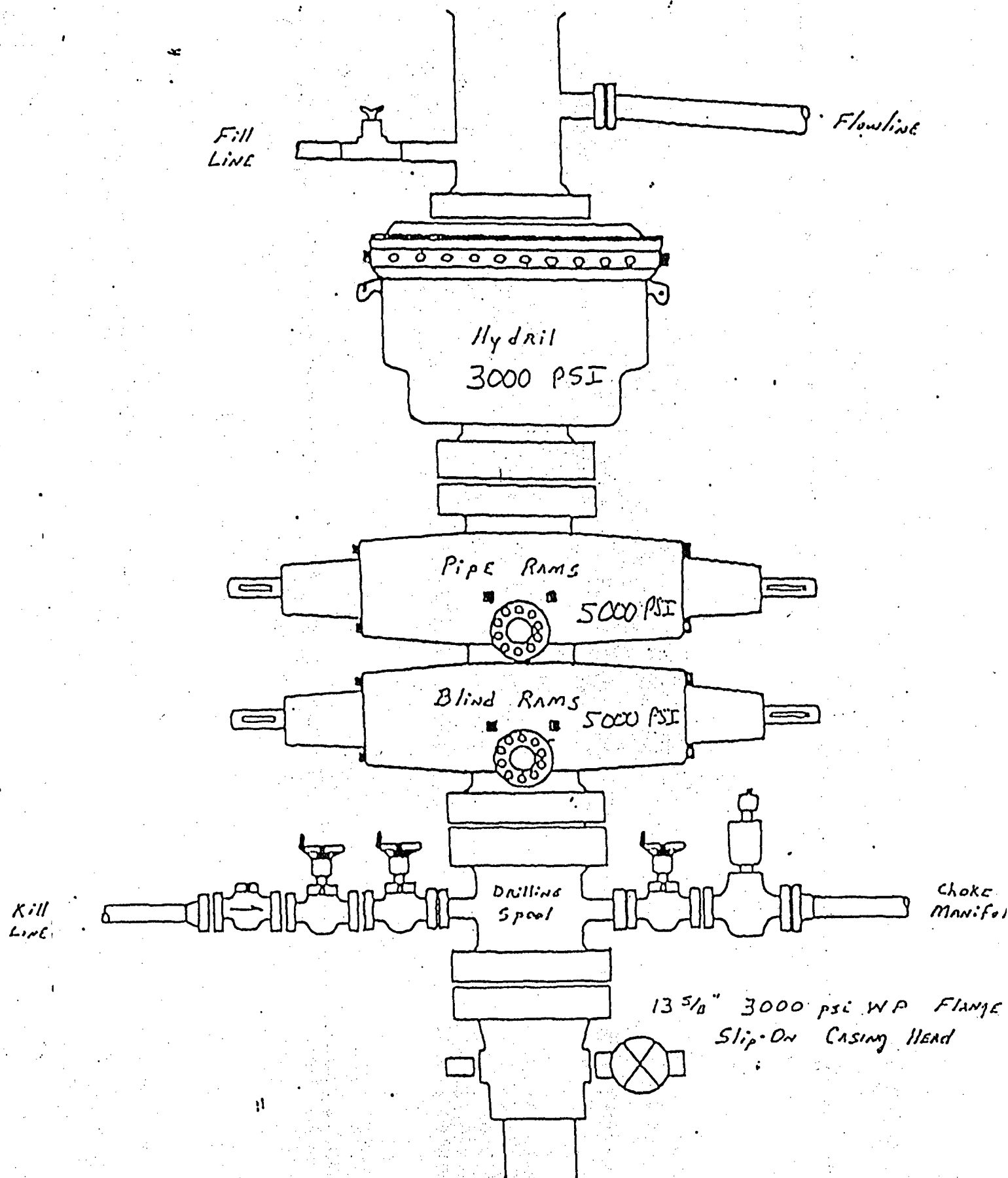
MURCHISON OIL & GAS, INC.

**RINGER FEDERAL COM #5
SEC. 3, T25S, R26E
1250' FSL & 1250' FWL
EDDY CO., NM.**

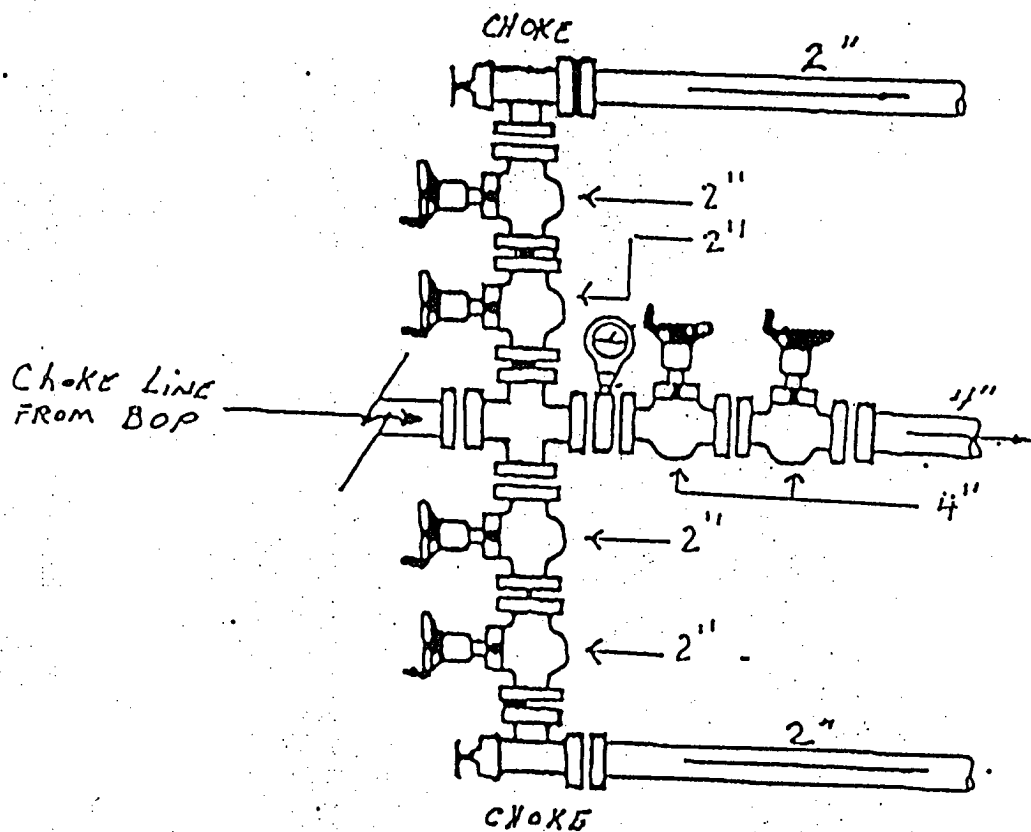
MUD PROGRAM

<u>DEPTH</u>	<u>WEIGHT</u>	<u>VISCOSITY</u>	<u>FILTRATE</u>
0' – 270'	8.3 – 8.9	32 – 36	NO CONTROL
270' – 1,930'	8.4 – 10.0	28 – 29	NO CONTROL
1,930' – 8,750'	8.4 – 9.0	28 – 29	NO CONTROL
8,750' – 11,000'	8.4 – 10.0	28 – 29	NO CONTROL
11,000' – 11,600'	9.0 – 13.0	38 – 48	6 – 8 WL

PH to be maintained below 10



RINGER FEDERAL COM #5
 1250' FSL & 1250' FWL
 SEC. 3, T25S, R26E
 EDDY CO., NM.



RINGER FEDERAL COM #5
 1250' FSL & 1250' FWL
 SEC. 3, T25S, R26E
 EDDY CO., NM.

**J.D. MURCHISON INTERESTS, INC.**

MURCHISON OIL & GAS, INC.

MURCHISON PROPERTIES, INC.

October 1, 2003

State of New Mexico
Oil Conservation Commission
1301 W. Grand Avenue
Artesia, New Mexico 88210

RE: RINGER FEDERAL COM #5
1250' FSL & 1250' FWL
SEC. 3, T25S, R26E
EDDY CO., NM.

Dear Brian:

This letter is in reference to the OCD's requirements for H2S contingency plan for the above captioned well. No H2S is expected in the drilling of the above captioned well. H2S detection equipment will be installed prior to the top of the Delaware formation as a precautionary measure.

Very truly yours,

MURCHISON OIL & GAS, INC.

Michael S. Daugherty
Vice President Operations

MSD/ct/RingerFC#5-OCDH2S