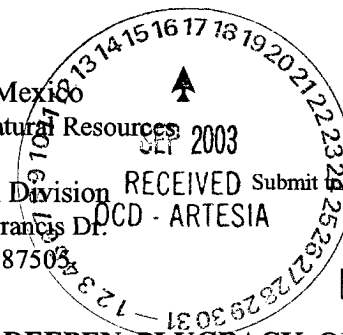


District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999



☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address MURCHISON OIL & GAS, INC. 1100 MIRA VISTA BLVD. PLANO, TX. 75093-4698		<sup>2</sup> OGRID Number 015363
<sup>3</sup> Property Code 008132	<sup>5</sup> Property Name STRONG FEDERAL COM	<sup>4</sup> API Number 30 - 015 - 33007
		<sup>6</sup> Well No. 3

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	34	24S	26E		1250	NORTH	1250	EAST	EDDY

<sup>8</sup> 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

<sup>9</sup> Proposed Pool 1 WHITE CITY PENN	<sup>10</sup> Proposed Pool 2
---	-------------------------------

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3379' GL
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 11600'	<sup>18</sup> Formation MORROW	<sup>19</sup> Contractor BIG DOG	<sup>20</sup> Spud Date 10/1/03

<sup>21</sup> 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)

<sup>22</sup> 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

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

MICHAEL S. DAUGHERTY  
VICE PRESIDENT OPERATIONS

Date:

9/16/03

Phone:

(972) 931-0700

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval:

Attached ☐

*James W. Green*

*District Supervisor*

SEP 18 2003

Expiration Date:

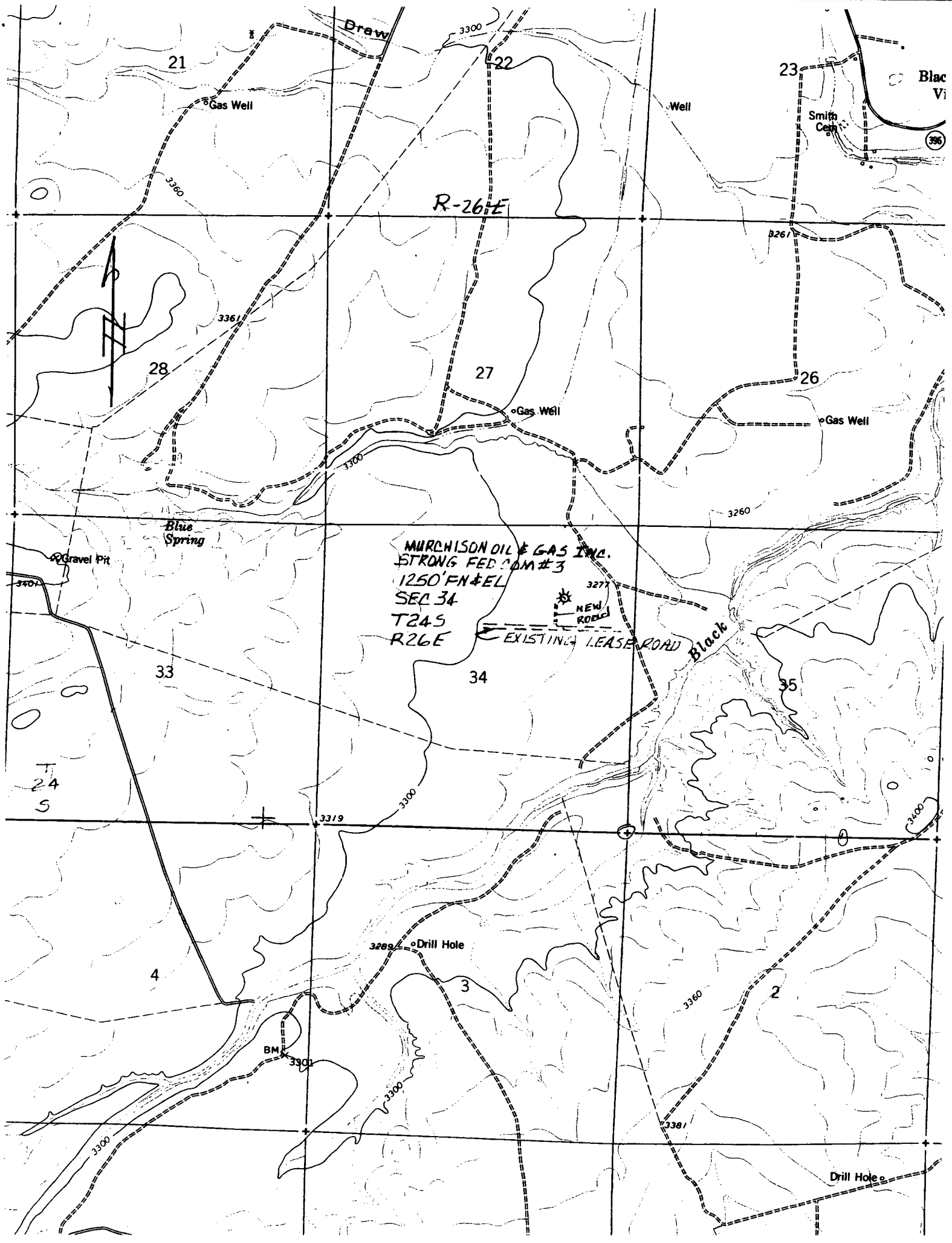
SEP 18 2004

1250'

1250'

EXISTING WELLS

SPACING UNIT



MURCHISON OIL & GAS INC.  
STRONG FED COM #3  
1250' FN & EL  
SEC 34  
T24S  
R26E

NEW ROAD

EXISTING LEASE ROAD

Black

Blac Vi

396

T  
24  
S

3319

3300

3400

3289 Drill Hole

BM 3301

3300

3360

3381

Drill Hole

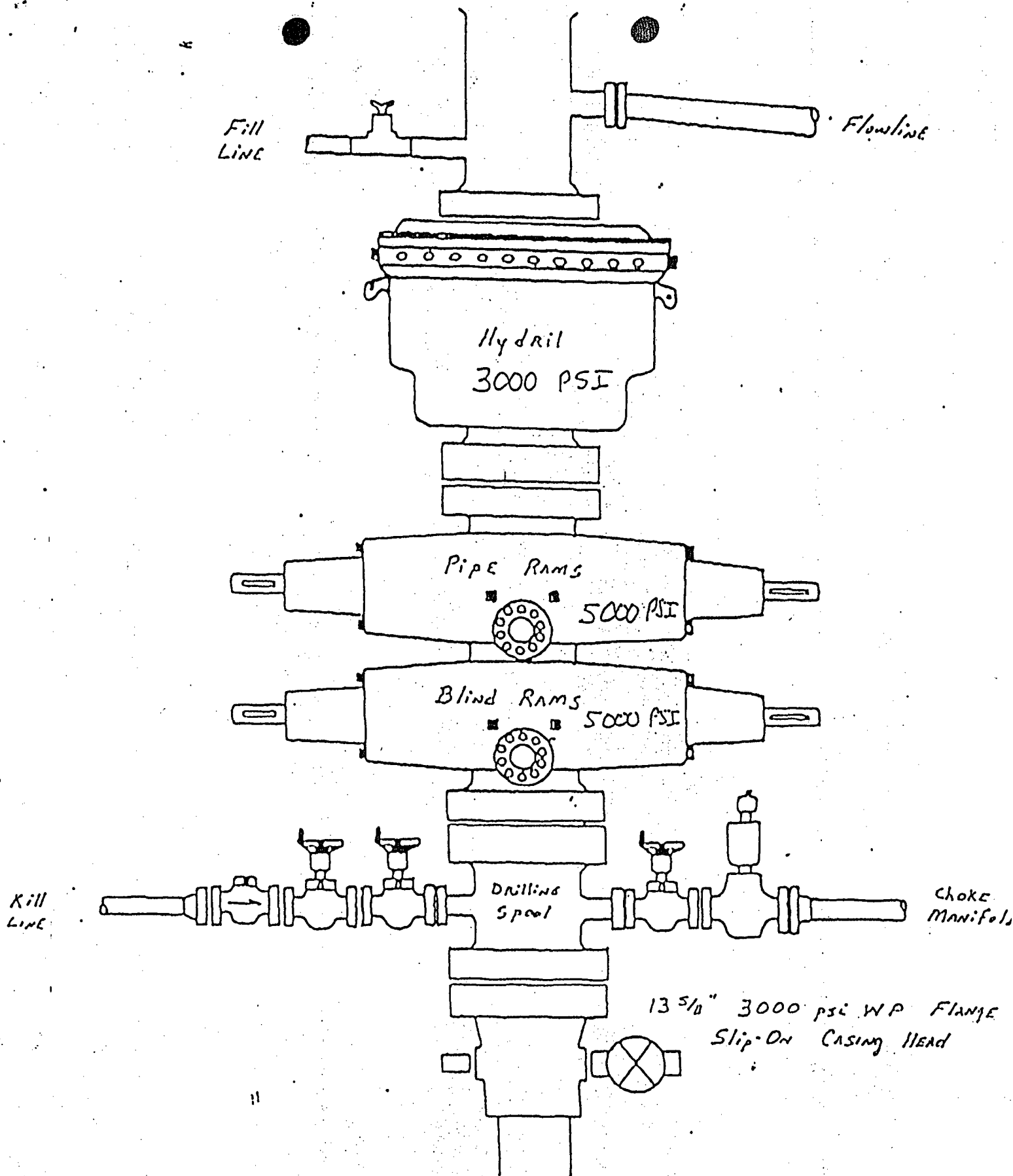
**MURCHISON OIL & GAS, INC.**

**STRONG FEDERAL COM #3  
SEC. 34, T24S, R26E  
1250' FNL & 1250' FEL  
EDDY CO., NM.**

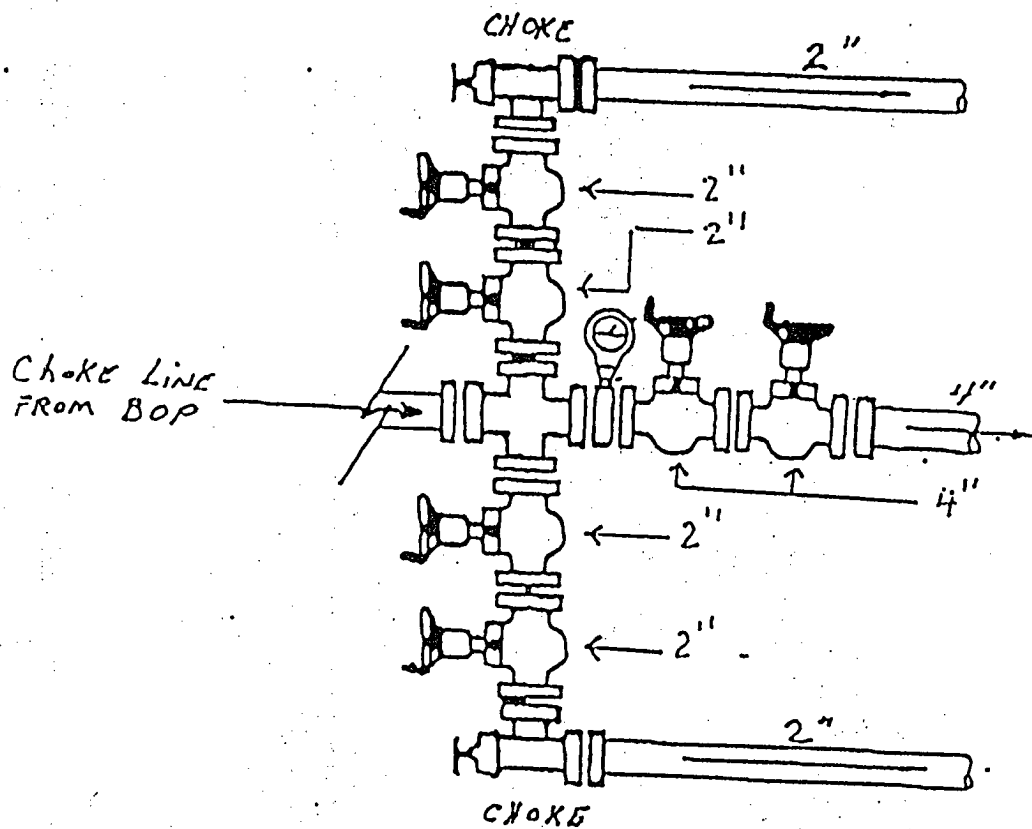
**MUD PROGRAM**

<b><u>DEPTH</u></b>	<b><u>WEIGHT</u></b>	<b><u>VISCOSITY</u></b>	<b><u>FILTRATE</u></b>
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



STRONG FEDERAL COM #3  
1250' FNL & 1250' FEL  
SEC. 34, T24S, R26E  
EDDY CO., NM.



STRONG FEDERAL COM #3  
 1250' FNL & 1250' FEL  
 SEC. 34, T24S, R26E  
 EDDY CO., NM.

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

MURCHISON OIL &amp; GAS, INC.

MURCHISON PROPERTIES, INC.

September 18, 2003

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


**RE: STRONG FEDERAL COM #3  
1250' FNL & 1250' FEL  
SEC. 34, T24S, 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/strongFC#3-OCDH2S