

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

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 38-015-34461	² Pool Code 7640	³ Pool Name SOUTH EMPIRE MORROW
⁴ Property Code	⁵ Property Name PUMA	⁶ Well Number 1
⁷ OGRID No. 015363	⁸ Operator Name MURCHISON OIL & GAS, INC.	⁹ Elevation 3592

¹⁰ Surface Location

UL or lot no. B	Section 14	Township 17-S	Range 28-E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 1980	East/West line EAST	County EDDY
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¹¹ 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
¹² Dedicated Acre 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

¹⁶ LAT N32.84083 LON W104.14510 SPACING UNIT 660' 1980'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: Michael S. Daugherty Date: 12/7/2005 Printed Name: MICHAEL S. DAUGHERTY
¹⁸ 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. NOVEMBER 29, 2005 Date of Survey Signature and Seal of Professional Surveyor DAN R. REDDY 5412 REGISTERED PROFESSIONAL ENGINEER NEW MEXICO SURVEYOR DAN R. REDDY NM PE&PS NO. 5412	



December 7, 2005

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

**RE: PUMA #1
660' FNL & 1980' FEL
SEC. 14, T17S, R28E
EDDY CO., NM.**

RECEIVED

DEC 14 2005

OCC-ARTESIA

Dear Bryan:

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/Puma#1-OCDH2S

MURCHISON OIL & GAS, INC.

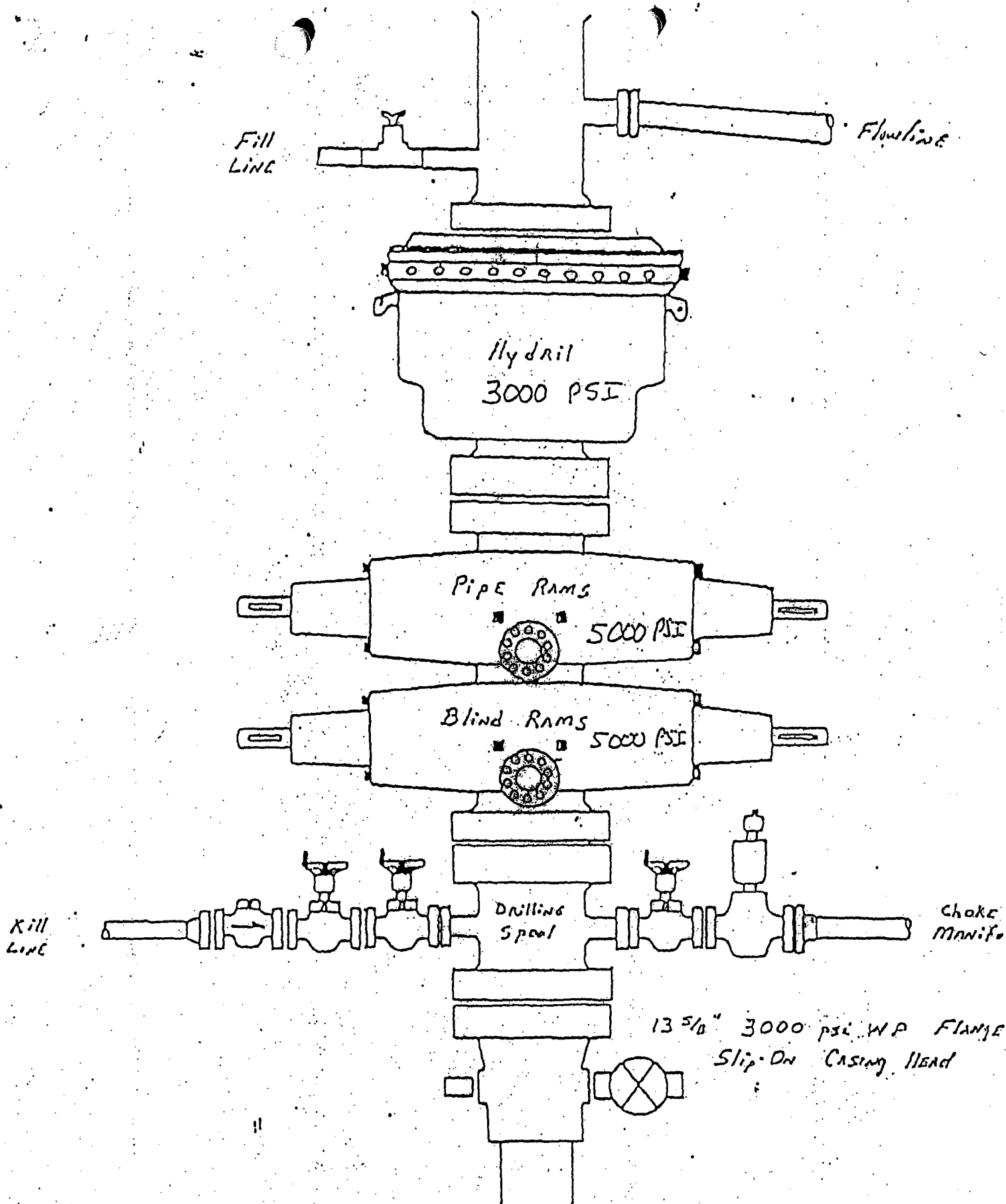
**PUMA #1
SEC. 14, T17S, R28E
660' FNL & 1980' FEL
EDDY CO., NM.**

MUD PROGRAM

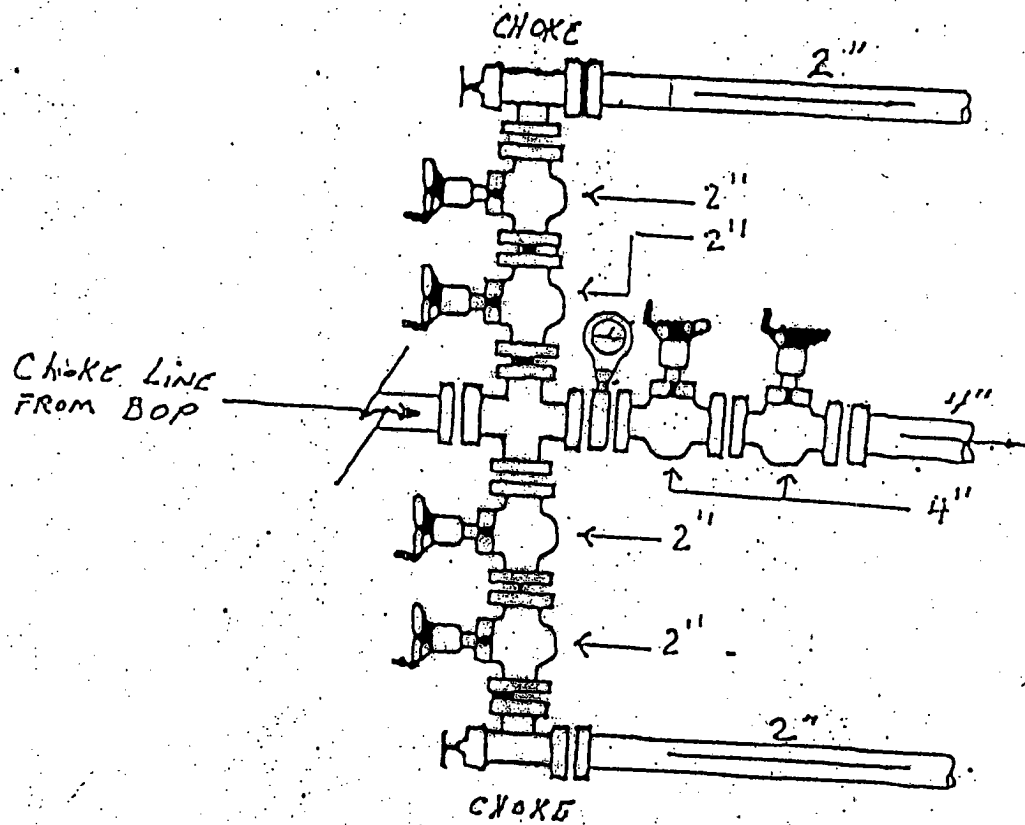
30 - 015 - 34461

<u>DEPTH</u>	<u>WEIGHT</u>	<u>CHLORIDES</u>	<u>VISCOSITY</u>	<u>FILTRATE</u>
0' – 200'	8.4	0 – 10K	32 – 36	NO CONTROL
200' – 2,200'	8.4	0 – 10K	28 – 29	NO CONTROL
2,200' – 6,800'	8.4 – 8.8	0 – 40K	28 – 29	NO CONTROL
6,800' – 9,500'	8.6 – 9.2	40 – 60K	28 – 29	25 WL
9,500' – 10,500'	8.8 – 9.4	50 – 70K	28 – 29	6 – 8 WL

PH to be maintained at 10 or above



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660' FNL & 1980' FEL
SEC. 14, T17S, R28E
EDDY CO., NM.



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 SEC. 14, T17S, R28E
 EDDY CO., NM.