

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

Form C-144
June 1, 2004

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

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Murchison Oil and Gas Inc. Telephone: 432-685-9158 (Agent); e-mail address: heather@gray-surfacespecialties.com		
Address: 1100 Mira Vista Blvd, Plano, TX 75093		
Facility or well name: Hightower State Unit #2		
API #: 30-025-38605 U/L or Qtr/Qtr: J Sec 27 T12S R33E		
County: Chaves Lea Latitude: N33 deg, 14', 53.40" Longitude: W103 deg, 35', 54.90" NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness: 12 mil Clay <input type="checkbox"/> Pit Volume: 15,000 bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) 90	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more 0	(20 points) (10 points) (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources)	Yes No 0	(20 points) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more 0	(20 points) (10 points) (0 points)
Ranking Score (Total Points)		10

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility _____ (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results.

(5) Attach soil sample results and a diagram of sample locations and excavations

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date 11-14-2007

Printed Name/Title: Heather Richardson, Agent

Signature

Heather Richardson

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations

Approval:

Printed Name/Title **CHRIS WILLIAMS/DIST. SUPV.**

Signature

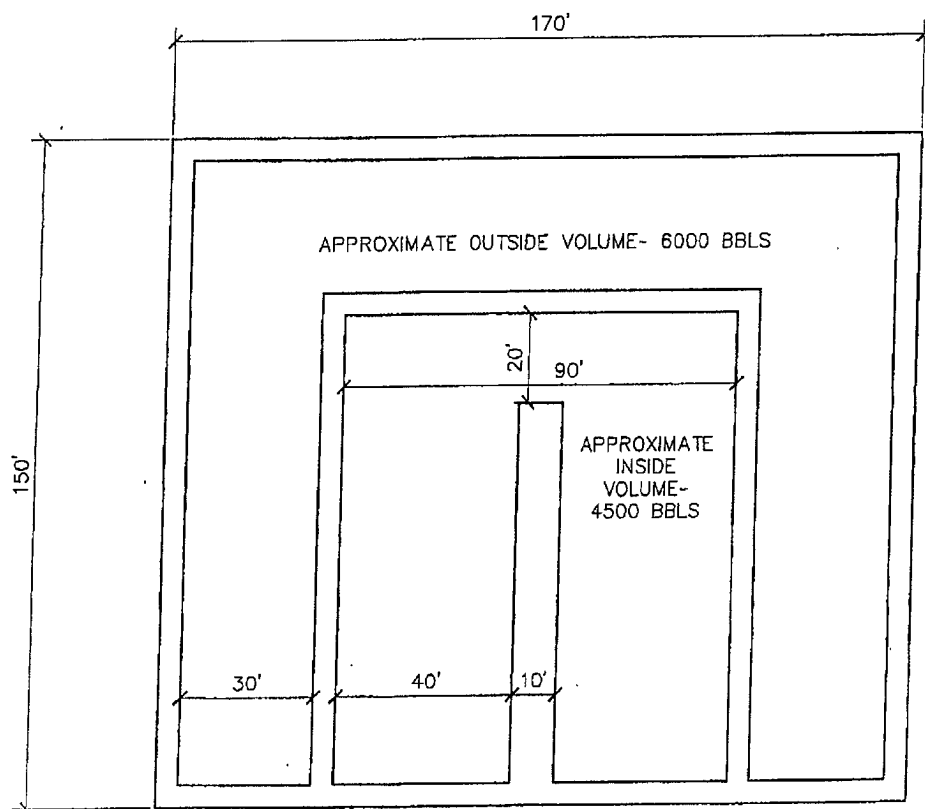
Chris Williams

Date

11/15/07

MURCHISON OIL & GAS, INC.

Hightower State Unit #2
2080' FSL & 1625' FEL
Section 27, T12S, R33E
Lea Co. NM



SCALE
1" = 40' 0"



3106 N. Big Spring St. Ste. 100
Midland, TX 79705
Tel: (432) 685-9158

November 14, 2007

Bureau of Land Management
620 East Greene Street
Carlsbad, NM 88220

To Whom It May Concern:

I am writing to request a waiver for the inclusion of an H2S Contingency Plan for the Hightower State Unit #2. The current plan is to complete this well in the Hightower; Permian and Murchison does not anticipate encountering any H2S bearing formations during drilling operations.

Sincerely,

A handwritten signature in cursive script that reads 'Heather Richardson'.

Heather Richardson
Regulatory Specialist
Gray Surface Specialties,
Agent for Murchison Oil & Gas, Inc.
432-685-9158
heather@graysurfacespecialties.com

SECTION 27, TOWNSHIP 12 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



HIGHTOWER #1

PROPOSED LEASE ROAD 2484.5'

150' NORTH
OFF SET
4251.1'

MURCHISON OIL & GAS, INC.
HIGHTOWER STATE UNIT #2
ELEV. - 4251'

LAT-N 33°14'53.40"
LONG-W 103°35'54.90"
(NAD 83)

150' EAST
OFF SET
4250.6'

150' SOUTH
OFF SET
4250.4'

6 BPLS

150' WEST
OFF SET
4250.8'

200 0 200 400 FEET

SCALE: 1" = 200'

DIRECTIONS TO LOCATION:

FROM MILE MARKER 24 OF STATE HWY 457; GO
NORTH 0.5 MILES TO PROPOSED LEASE ROAD.

MURCHISON OIL & GAS, INC.

REF: HIGHTOWER STATE UNIT #2 / Well Pad Topo

THE HIGHTOWER STATE UNIT #2 LOCATED 2080' FROM
THE SOUTH LINE AND 1625' FROM THE EAST LINE OF
SECTION 27, TOWNSHIP 12 SOUTH, RANGE 33 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786 -HOBBS, NEW MEXICO

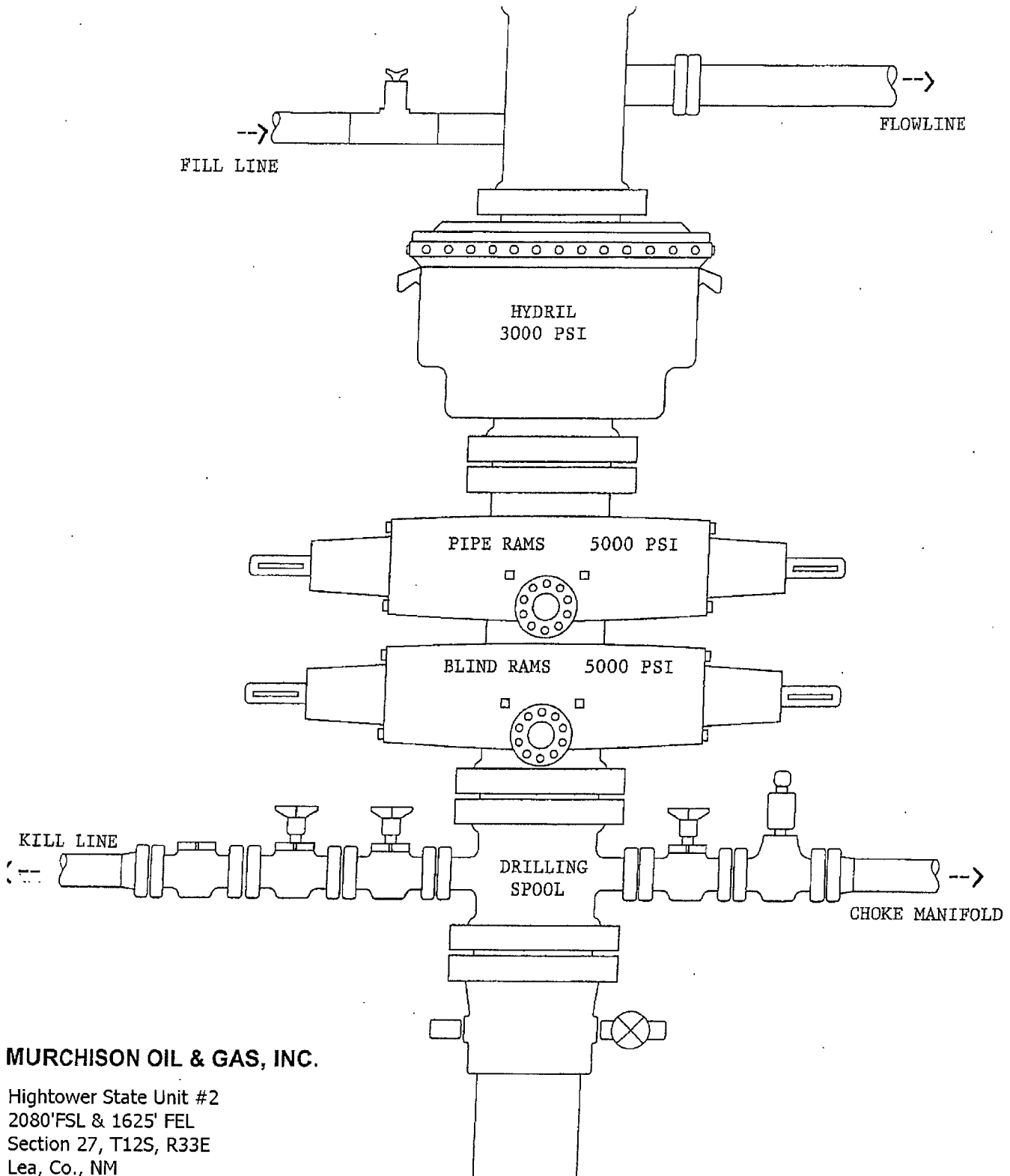
W.O. Number: 18710 Drawn By. J. SMALL

Date: 11-06-2007 Disk: JMS 18710W

Survey Date: VARIES

Sheet 1 of 1 Sheets

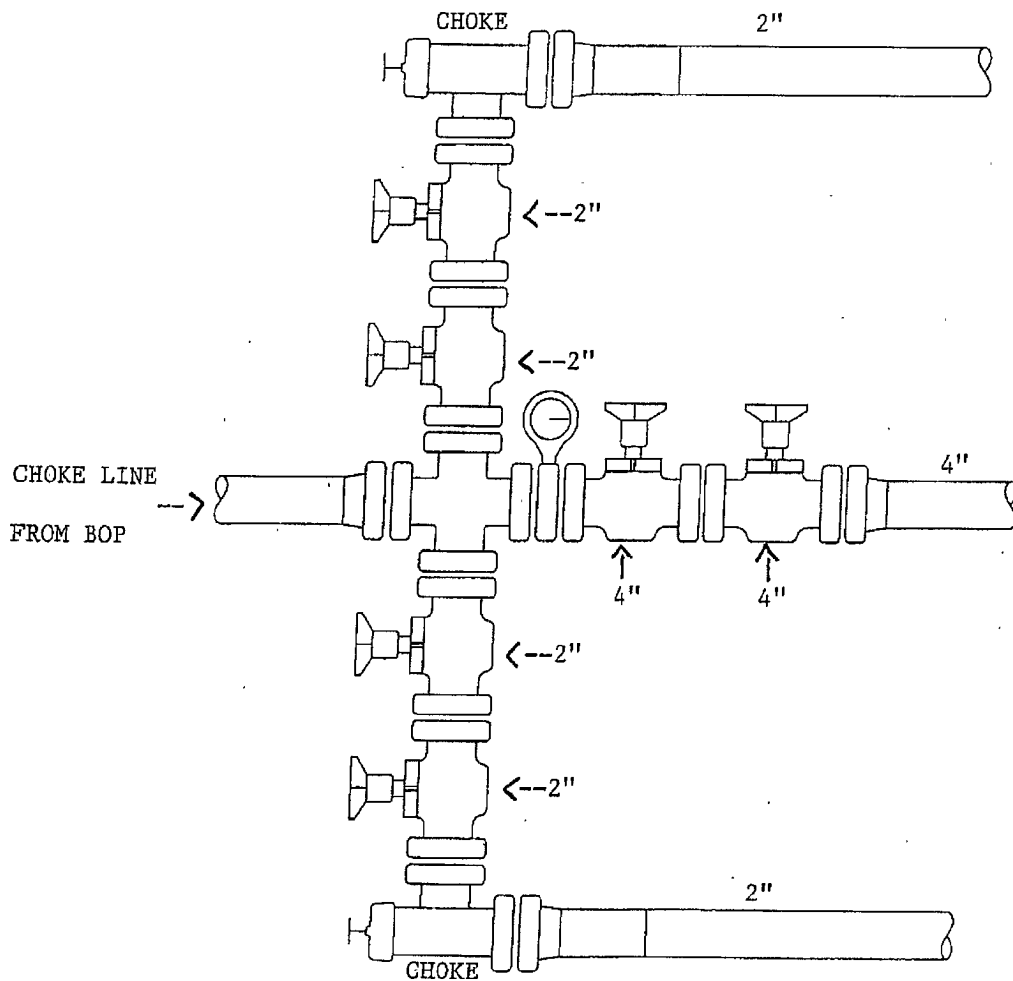
BOP STACK



MURCHISON OIL & GAS, INC.

Hightower State Unit #2
2080' FSL & 1625' FEL
Section 27, T12S, R33E
Lea, Co., NM

CHOKE MANIFOLD



MURCHISON OIL & GAS, INC.

Hightower State Unit #2
2080' FSL & 1625' FEL
Section 27, T12S, R33E
Lea Co., NM