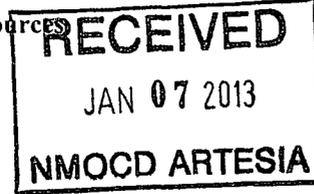


District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101  
Revised December 16, 2011

Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505



Permit

**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		<sup>2</sup> OGRID Number 15363
		<sup>3</sup> API Number 30-015-32216
<sup>4</sup> Property Code 29515	<sup>5</sup> Property Name Yogi Bear State Com	<sup>6</sup> Well No. 1

**7 Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
H	12	17 S	28 E		1750	North	660	East	Eddy

**8 Pool Information**

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**Additional Well Information**

<sup>9</sup> Work Type A (Cisco & Canyon)	<sup>10</sup> Well Type S	<sup>11</sup> Cable/Rotary R	<sup>12</sup> Lease Type S	<sup>13</sup> Ground Level Elevation 3,719'
<sup>14</sup> Multiple Yes	<sup>15</sup> Proposed Depth 10,620'	<sup>16</sup> Formation SWD;Cisco-Canyon	<sup>17</sup> Contractor	<sup>18</sup> Spud Date upon approval
Depth to Ground water >50'	Distance from nearest fresh water well 6,000'		Distance to nearest surface water >1/4 mi.	

**19 Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf.	17-1/2"	13-3/8"	61	260'	460 sx	GL
Int.	12-1/4"	9-5/8"	47	2,450'	1,000 sx	GL
Prod.	8-1/2"	5-1/2"	17	10,620'	1,425 sx	6,476'

**Casing/Cement Program: Additional Comments**

Will set CIBP @ 8850' and top w/ 50' cmt, then perf 8,664' - 8,798'
---

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
	3,000	2,000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.  
I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .

Signature:

*Brian Wood*

Printed name: Brian Wood

Title: Consultant

E-mail Address: brian@permitswest.com

Date: Dec. 31, 2012 Phone: (505) 466-8120

OIL CONSERVATION DIVISION

Approved By:

*T. C. Shepard*  
Geologist

Title:

Approved Date: 1/8/2013

Expiration Date: 1/8/2015

Conditions of Approval Attached

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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 August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT  
(convert to SWD)

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-32216	<sup>2</sup> Pool Code 96186	<sup>3</sup> Pool Name SWD; Cisco-Canyon
<sup>4</sup> Property Code 29515	<sup>5</sup> Property Name Yogi Bear State Com	
<sup>7</sup> OGRID No. 15363	<sup>8</sup> Operator Name Murchison Oil & Gas, Inc.	<sup>6</sup> Well Number 1
<sup>9</sup> Elevation 3719		

<sup>10</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
H	12	17 S	28 E		1750	North	660	East	Eddy

<sup>11</sup> 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>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b> 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 or unleased mineral 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p style="text-align: right;">             Signature <span style="float: right;">Date</span>            12-31-12         </p> <p style="text-align: center;">           Brian Wood            Printed Name            brian@permitswest.com            E-mail Address         </p>
	<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b> 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.</p> <p style="text-align: right;">Feb. 6, 2002</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor: Original survey by Ronald Eidson on file with NMOCD</p>
	<p>Certificate Number <span style="float: right;">3239</span></p>

**INJECTION WELL DATA SHEET**

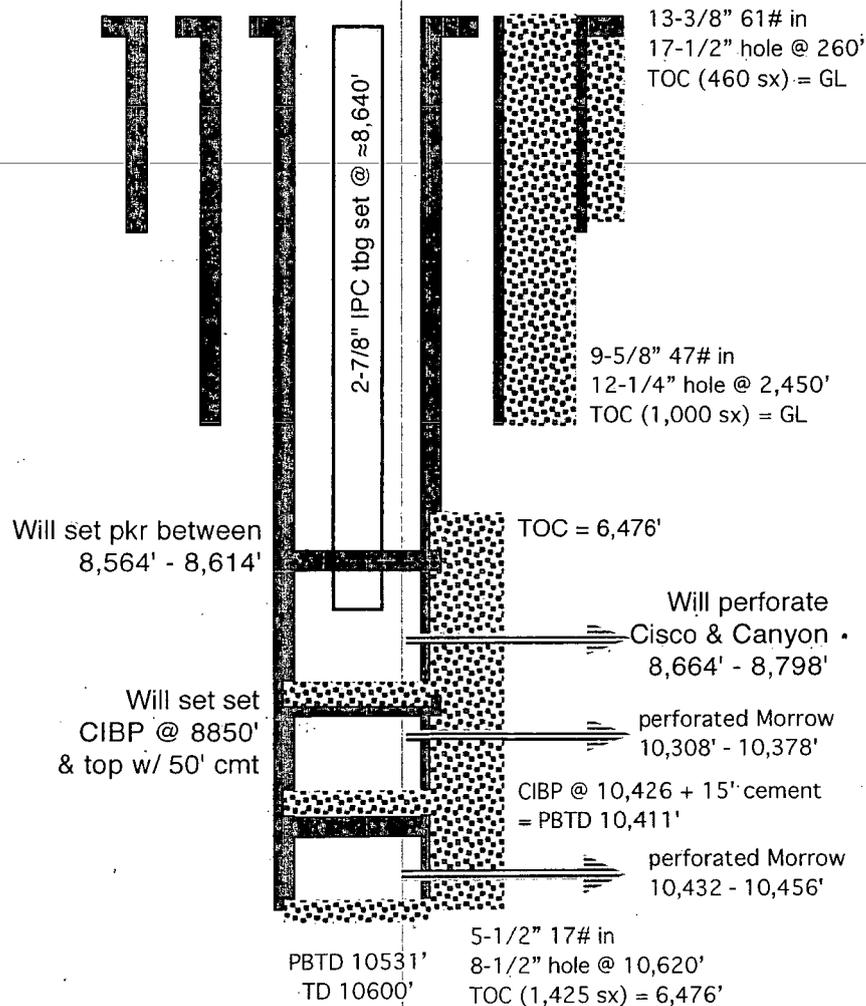
OPERATOR: MURCHISON OIL & GAS, INC.

WELL NAME & NUMBER: YOGI BEAR STATE COM 1

WELL LOCATION: 1750 FNL & 660 FEL      H      12      17 S      28 E  
 FOOTAGE LOCATION      UNIT LETTER      SECTION      TOWNSHIP      RANGE

**WELLBORE SCHEMATIC**

"Proposed"



(not to scale)

**WELL CONSTRUCTION DATA**

Surface Casing

Hole Size: 17-1/2"      Casing Size: 13-3/8"  
 Cemented with: 460 sx.      or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: SURFACE      Method Determined: VISUAL

Intermediate Casing

Hole Size: 12-1/4"      Casing Size: 9-5/8"  
 Cemented with: 1,000 sx.      or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: SURFACE      Method Determined: CIRC. 140 SX

Production Casing

Hole Size: 8-1/2"      Casing Size: 5-1/2"  
 Cemented with: 1,425 sx.      or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: 6,476'      Method Determined: CBL  
 Total Depth: 10,620'

Injection Interval

8,664' feet to 8,798'

(Perforated or Open Hole; indicate which)

