

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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 and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
Permit 6112

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address MURCHISON OIL & GAS INC 1100 Mira Vista Blvd Plano, TX 75093		OGRID Number 15363
		API Number 30-015-33946
Property Code 34613	Property Name SMITH	Well No. 002

Surface Location

UL or Lot M	Section 23	Township 24S	Range 26E	Lot Idn M	Feet From 660	N/S Line S	Feet From 660	E/W Line W	County Eddy
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Proposed Pools

WILDCAT

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type Private	Ground Level Elevation 3270
Multiple N	Proposed Depth 12000	Formation Morrow	Contractor	Spud Date 04/01/2005

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	61	425	300	0
Intl	12.25	10.75	45.5	1930	600	0
Prod	8.75	7.625	33	8750	900	1200
Liner1	6.5	5.5	17	12000	400	8450

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	
Double Ram	5000	5000	

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

Electronically Signed By: Michael Daugherty

Title: Vice President Operations

Date: 02/08/2005

Phone: 972-931-0700

OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 02/11/2005

Expiration Date: 02/11/2006

Conditions of Approval:

There are conditions. See Attached.