

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

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

1. Operator Name and Address HESS CORPORATION P.O. BOX 840 SEMINOLE, TX 79360		2. OGRID Number 495
		3. API Number 30-021-20509
4. Property Code 37587	5. Property Name STATE	6. Well No. 162

**7. Surface Location**

UL - Lot G	Section 16	Township 18N	Range 30E	Lot Idn G	Feet From 1650	N/S Line N	Feet From 1650	E/W Line E	County HARDING
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**8. Pool Information**

WEST BRAVO DOME CO2 GAS	96387
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**Additional Well Information**

9. Work Type New Well	10. Well Type CO2	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4372
14. Multiple N	15. Proposed Depth	16. Formation Granite Wash	17. Contractor	18. Spud Date 3/29/2010
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	750	400	0
Prod	7.875	4.5	12.75	2202	354	0

**Casing/Cement Program: Additional Comments**

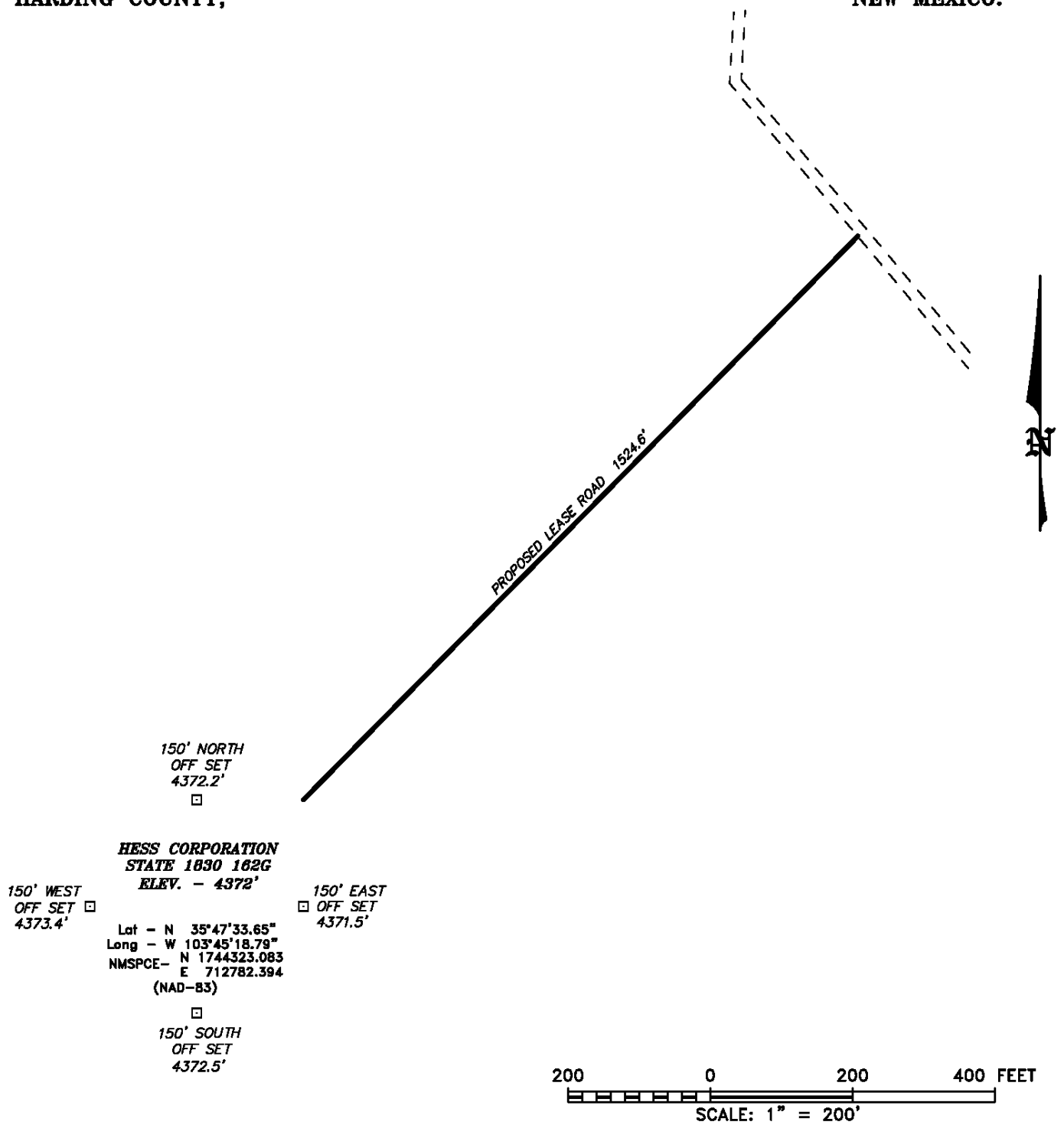
TOC is estimated at Surface
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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	2000	SHAFFER

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 <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Ed Martin	
	Title: District Supervisor	
	Approved Date: 1/14/2010	Expiration Date: 1/14/2012
	Printed Name: Electronically filed by Rita Smith Title: Engineering Tech Email Address: rsmith@hess.com Date: 12/18/2009 Phone: 432-758-6726	

SECTION 16, TOWNSHIP 18 NORTH, RANGE 30 EAST, N.M.P.M.,  
HARDING COUNTY, NEW MEXICO.



200 0 200 400 FEET  
SCALE: 1" = 200'

**HESS CORPORATION**

REF: STATE 1830 162G / WELL PAD TOPO

THE STATE 1830 162G LOCATED 1650'  
FROM THE NORTH LINE AND 1650' FROM THE EAST LINE OF  
SECTION 16, TOWNSHIP 18 NORTH, RANGE 30 EAST,  
N.M.P.M., HARDING COUNTY, NEW MEXICO.

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

W.O. Number: 21827 Drawn By: J. SMALL

Date: 11-09-2009 Disk: JMS 21827

Survey Date: 11-01-2009 Sheet 1 of 1 Sheets