

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 30-021-20504
4. Property Code 133	5. Property Name MITCHELL	6. Well No. 191

7. Surface Location

UL - Lot J	Section 19	Township 19N	Range 30E	Lot Idn J	Feet From 1980	N/S Line S	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 Private	13. Ground Level Elevation 4460
14. Multiple N	15. Proposed Depth	16. Formation Granite Wash	17. Contractor	18. Spud Date 3/13/2010
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	2216	350	0

Casing/Cement Program: Additional Comments

TOC is estimated at Surface

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"/> .	OIL CONSERVATION DIVISION	
Printed Name: Electronically filed by Rita Smith	Approved By: Ed Martin	
Title: Engineering Tech	Title: District Supervisor	
Email Address: rsmith@hess.com	Approved Date: 1/13/2010 Expiration Date: 1/13/2012	
Date: 12/18/2009	Phone: 432-758-6726	

182.2'

PROPOSED LEASE ROAD 2183.8'

150' NORTH
OFF SET
4460.5'

150' WEST
OFF SET
4460.6'

150' EAST
OFF SET
4459.3'

150' SOUTH
OFF SET
4459.5'

**HESS CORPORATION
MITCHELL 1930 191J
ELEV. - 4460'**

Lat - N 35°51'38.55"
Long - W 103°47'29.26"
NMSPCE - N 1769023.526
E 701897.856
(NAD-83)

200 0 200 400 FEET



THE MITCHELL 1930 191J LOCATED 1980'

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

Sheet 1 of 1 Sheets