

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 30-021-20507
4. Property Code 133	5. Property Name MITCHELL	6. Well No. 171

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	17	19N	29E	K	1650	S	1650	W	HARDING

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 5423
14. Multiple N	15. Proposed Depth	16. Formation Granite Wash	17. Contractor	18. Spud Date 4/24/2010
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	1750	850	0
Prod	7.875	4.5	12.75	2915	500	0

Casing/Cement Program: Additional Comments

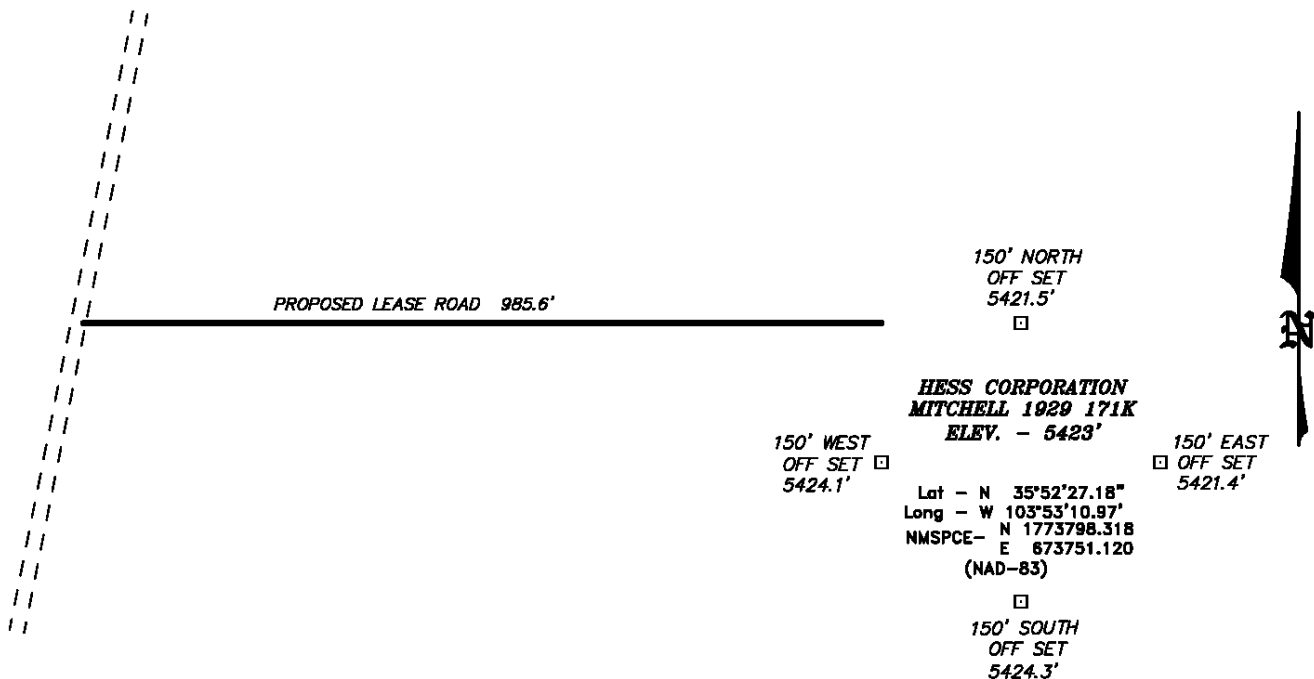
TOC is estimated at Surface

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	

SECTION 17, TOWNSHIP 19 NORTH, RANGE 29 EAST, N.M.P.M.,
HARDING COUNTY, NEW MEXICO.



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

W.O. Number: 21833 Drawn By: J. SMALL

Date: 11-09-2009 Disk: JMS 21833

HESS CORPORATION

REF: MITCHELL 1929 171K / WELL PAD TOPO

THE MITCHELL 1929 171K LOCATED 1650'
FROM THE SOUTH LINE AND 1650' FROM THE WEST LINE OF
SECTION 17, TOWNSHIP 19 NORTH, RANGE 29 EAST,
N.M.P.M., HARDING COUNTY, NEW MEXICO.

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