

DATE IN 1/12/10	SUSPENSE	ENGINEER DB	LOGGED IN	TYPE NSL	APP NO. PWS 1001261322
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



Hess Corporation  
 WADGUT 1829 #310

**ADMINISTRATIVE APPLICATION CHECKLIST**

6139

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR

- [D] Other: Specify \_\_\_\_\_

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A]  Working, Royalty or Overriding Royalty Interest Owners
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F]  Waivers are Attached

Work Done  
 1829 #31  
 in unit "0"  
 (SW/SE)

2010 JAN 12 P 3:51  
 RECEIVED OGD

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

James S. Hughart		Land Manager	01/12/2010
Print or Type Name	Signature	Title	Date
		jhughart@hess.com	
		e-mail Address	



HESS CORPORATION  
500 Dallas Street  
Houston, TX 77002

James S. Hughart  
Land Manager  
PHONE: (713) 609-5517  
FAX: (713) 609-5670  
jhughart@hess.com

**VIA EMAIL**

January 13, 2010

David Brooks, OCD Hearing Examiner  
Oil Conservation Division  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

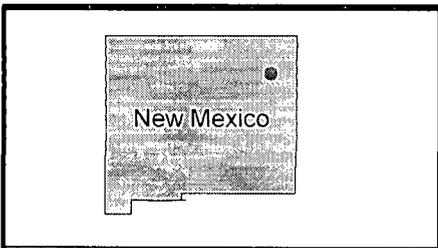
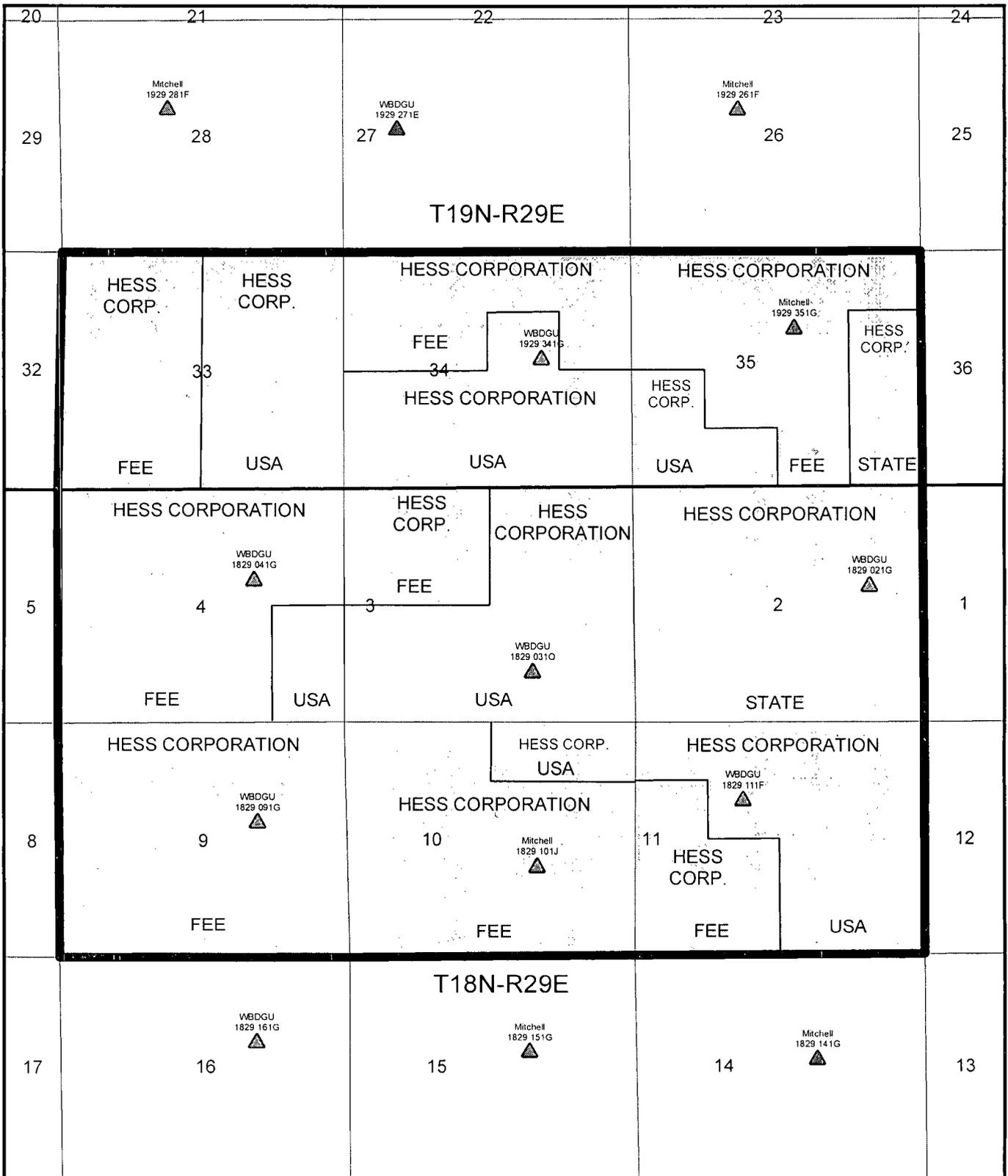
RE: Unorthodox Well Location Application  
WBDGU 1829 0310  
Harding County, New Mexico

Dear Mr. Brooks:

In compliance with 19.15.15.13 NMAC, Hess Corporation (Hess) as operator of the proposed WBDGU 1829 0310 requests administrative approval of our application for permit to drill the subject well to be located 1,200' FSL and 1,800' FEL of Section 03 (SE/4SW/4), T18N, R29E. Hess cannot drill at a legal location in the NW/4SE/4 of Section 03 due to topographical considerations.

A copy of the C-102 filed with the APD is enclosed. The well is to be drilled to a depth of 3,026' to test the Granite Wash sand of the Tubb Formation. Based on our records, Order # R-7737 covering the Tubb Formation in West Bravo Dome Field is in effect for Section 3 providing for 640 acre spacing. Hess has all of the mineral interest leased in this section which will be the drilling unit for the well and is the sole working interest owner of the leasehold. Section 3 is also completely included within and committed to the West Bravo Dome Carbon Dioxide Gas Unit and will not need to be communitized in the event of production from this well.

Enclosed is a plat showing the spacing unit, being all of section 03, T18N, R29E, the drill site located in the unorthodox location of the SW/4SE/4 of Sec. 03 and the adjoining affected units being all of section's 2, 10 and 11. All three of these sections are subject to R-7737 and are 640 acre offsetting units. Hess owns all of the leasehold in these sections and is a 100% working interest owner. Hess Corporation is the only affected party in the offsetting units.



**Legend**

**Proposed wells**

-  FUTURE DRILL
-  2010 DRILL

**HESS CORPORATION**

LEASE MAP

WBDGU 1829 0310

 NINE SECTION AREA  
AROUND DRILLSITE LOCATION

Harding\_Co\_NM\_2.MXD

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II  
1301 W. Grand Avenue, 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 Department

Form C-102  
Revised October 12, 2006

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-021-20412	Pool Code 96387	Pool Name West Bravo Dome CO2 Gas
Property Code 16752	Property Name WBDU WBDGU 1829	Well Number 0310
OGRID No. 495	Operator Name HESS CORPORATION	Elevation 5384'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	3	18 N	29 E		1200	SOUTH	1800	EAST	HARDING

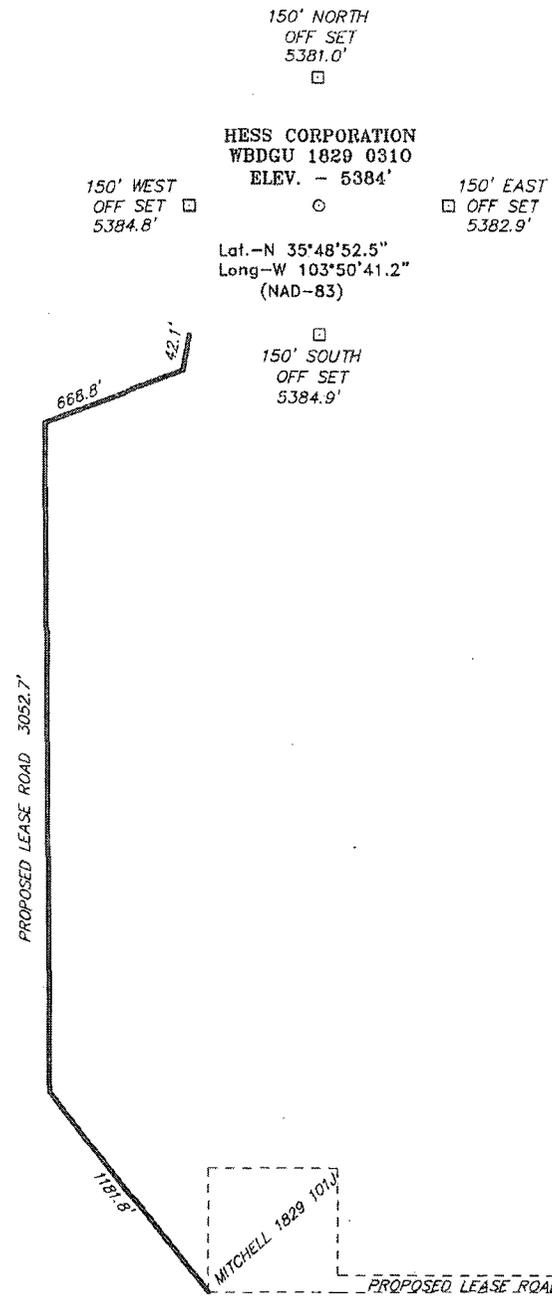
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 630.08	Joint or Infill N	Consolidation Code U	Order No. Unorthodox location, Hess owns the						

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>OPERATOR CERTIFICATION</b></p> <p><i>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 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.</i></p> <p>Rita C. Smith Signature _____ Date 12/17/2009</p> <p>Rita C. Smith Printed Name</p>	
	<p><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>MARCH 09 2007 Date Surveyed</p> <p>Signature of Surveyor _____ Professional Surveyor</p> <p>W. O. Jones</p>	
	<p>Certificate No. Gary L. Jones 7977</p>	
	<p>BASIN SURVEYS</p>	

SECTION 3, TOWNSHIP 18 NORTH, RANGE 29 EAST, N.M.P.M.,  
HARDING COUNTY, NEW MEXICO.



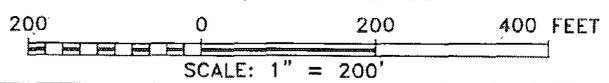
150' NORTH  
OFF SET  
5381.0'

HESS CORPORATION  
WBDGU 1829 0310  
ELEV. - 5384'

150' WEST  
OFF SET  
5384.8'

150' EAST  
OFF SET  
5382.9'

Lat.-N 35°48'52.5"  
Long.-W 103°50'41.2"  
(NAD-83)



Directions to Location:

FROM MILEMARKER 42 OF STATE HWY 88, PROCEED WEST 0.2 MILES TO GATE, GO NORTH ON 2-TRACK 0.4 MILES TO PROPOSED LEASE ROAD TO THE MITCHELL 1829 101J AND PROPOSED LEASE ROAD.

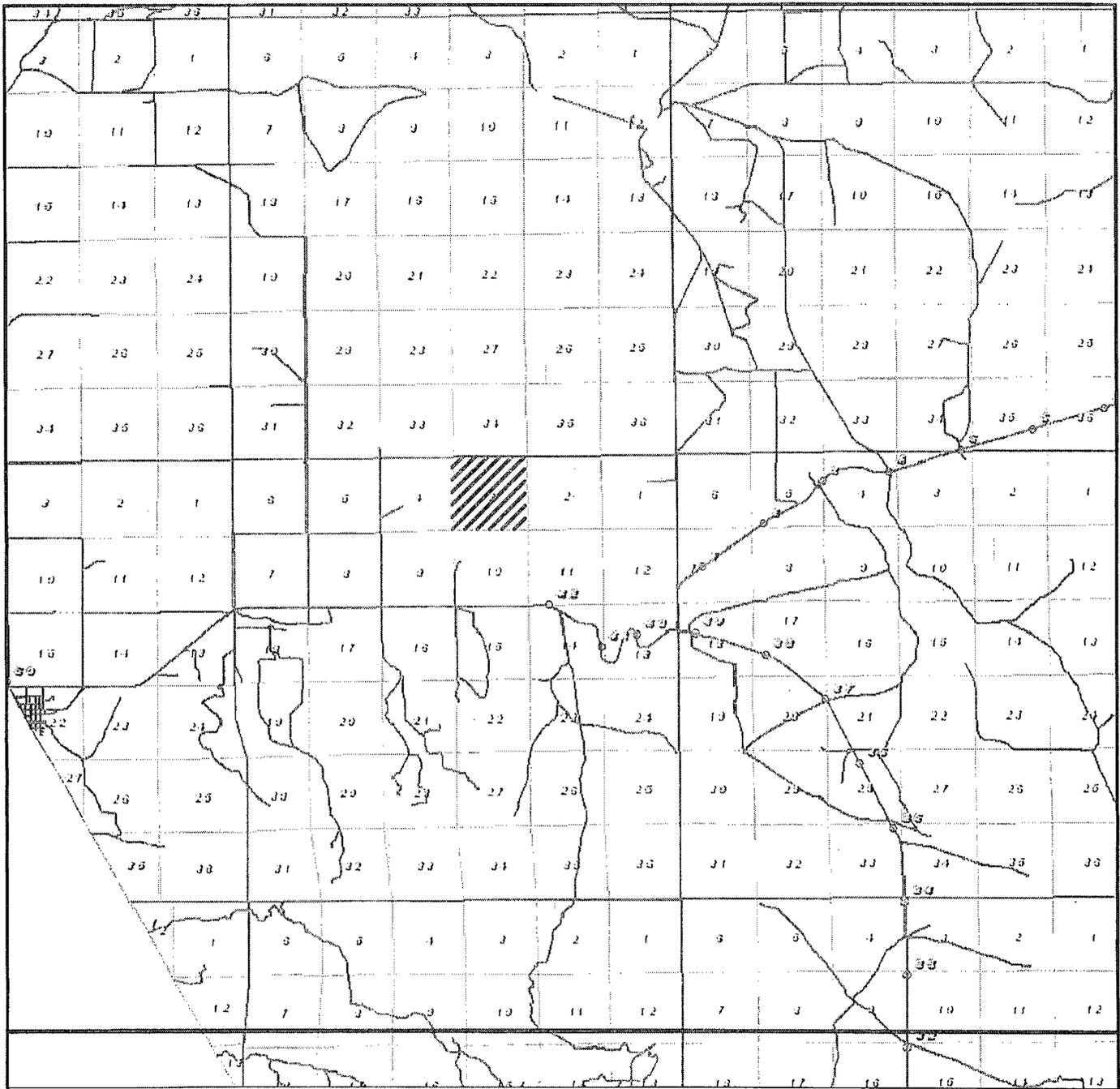
**BASIN SURVEYS** P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 17794      Drawn By: J. M. SMALL

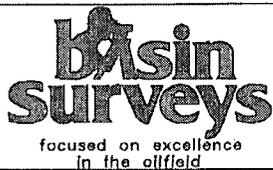
Date: 03-19-2007      Disk: JMS 17794W

<b>HESS CORPORATION</b>	
REF: WBDGU 1829 0310 / WELL PAD TOPO	
THE WBDGU 1829 0310 LOCATED 1200' FROM THE SOUTH LINE AND 1800' FROM THE EAST LINE OF SECTION 3, TOWNSHIP 18 NORTH, RANGE 29 EAST, N.M.P.M., HARDING COUNTY, NEW MEXICO.	
Survey Date: 03-09-2007	Sheet 1 of 1 Sheets





WBDGU 1829 0310  
 Located 1200' FSL and 1800' FEL  
 Section 3, Township 18 North, Range 29 East,  
 N.M.P.M., Harding County, New Mexico.



P.O. Box 1786  
 1120 N. West County Rd.  
 Hobbs, New Mexico 88241  
 (505) 393-7316 - Office  
 (505) 392-3074 - Fax  
 basinsurveys.com

W.O. Number: JMS 17794TR

Survey Date: 03-09-2007

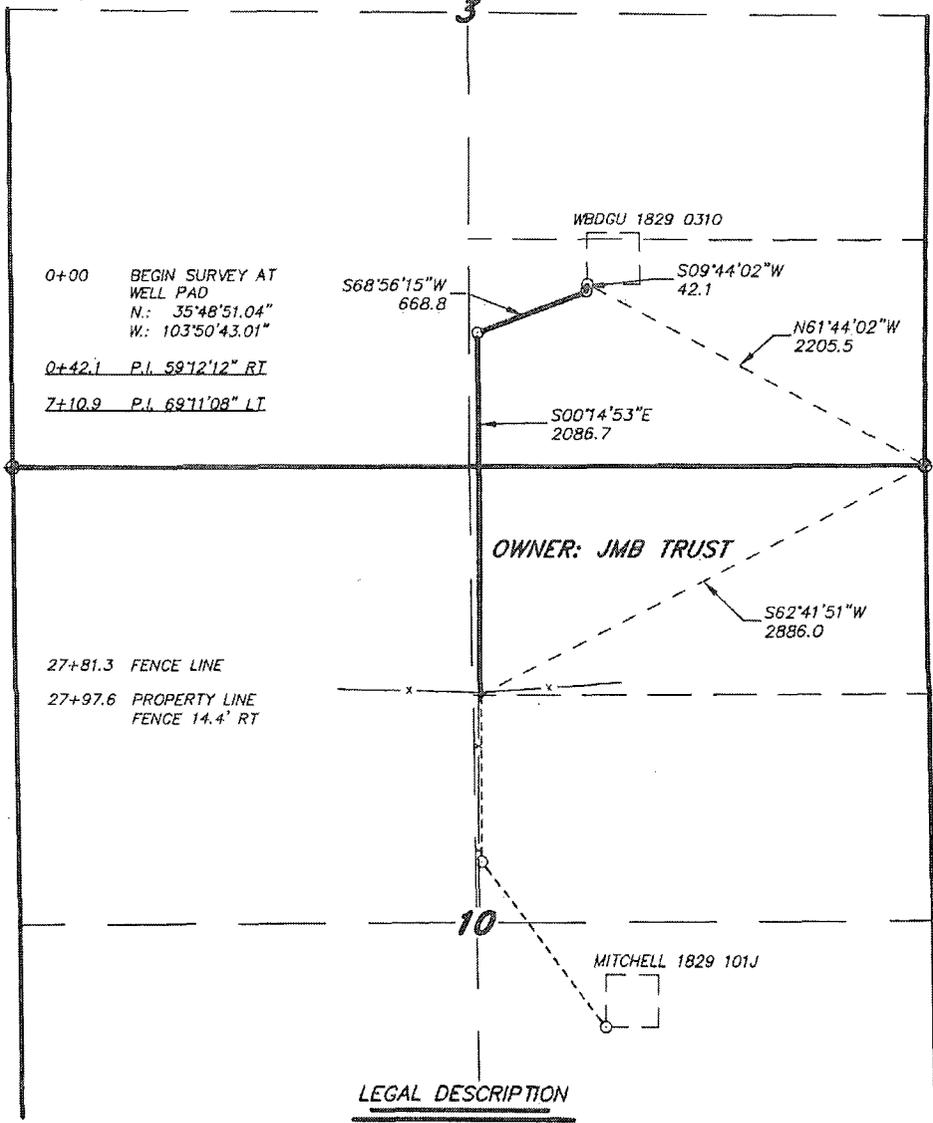
Scale: 1" = 2 MILES

Date: 03-19-2007



HESS CORPORATION

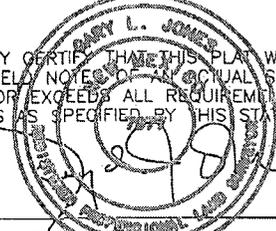
SECTIONS 3&10, TOWNSHIP 18 NORTH, RANGE 29 EAST, N.M.P.M.,  
HARDING COUNTY, NEW MEXICO.



LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTIONS 3&10, TOWNSHIP 18 NORTH, RANGE 29 EAST, N.M.P.M., HARDING COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY, BEGINNING AT A POINT WHICH LIES N.61°43'57"W., 2205.5 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 3; THENCE S.09°44'02"W., 42.1 FEET; THENCE S.68°56'15"W., 668.8 FEET; THENCE S.00°14'53"E., 2086.7 FEET TO A POINT ON THE SOUTH PROPERTY LINE WHICH LIES S.62°41'51"W., 2886.0 FEET FROM THE NORTHEAST CORNER OF SAID SECTION 10. SAID STRIP OF LAND BEING 2797.6 FEET OR 169.55 RODS IN LENGTH.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.



GARY L. JONES No. 7977  
TEXAS P.L.S. No. 5074

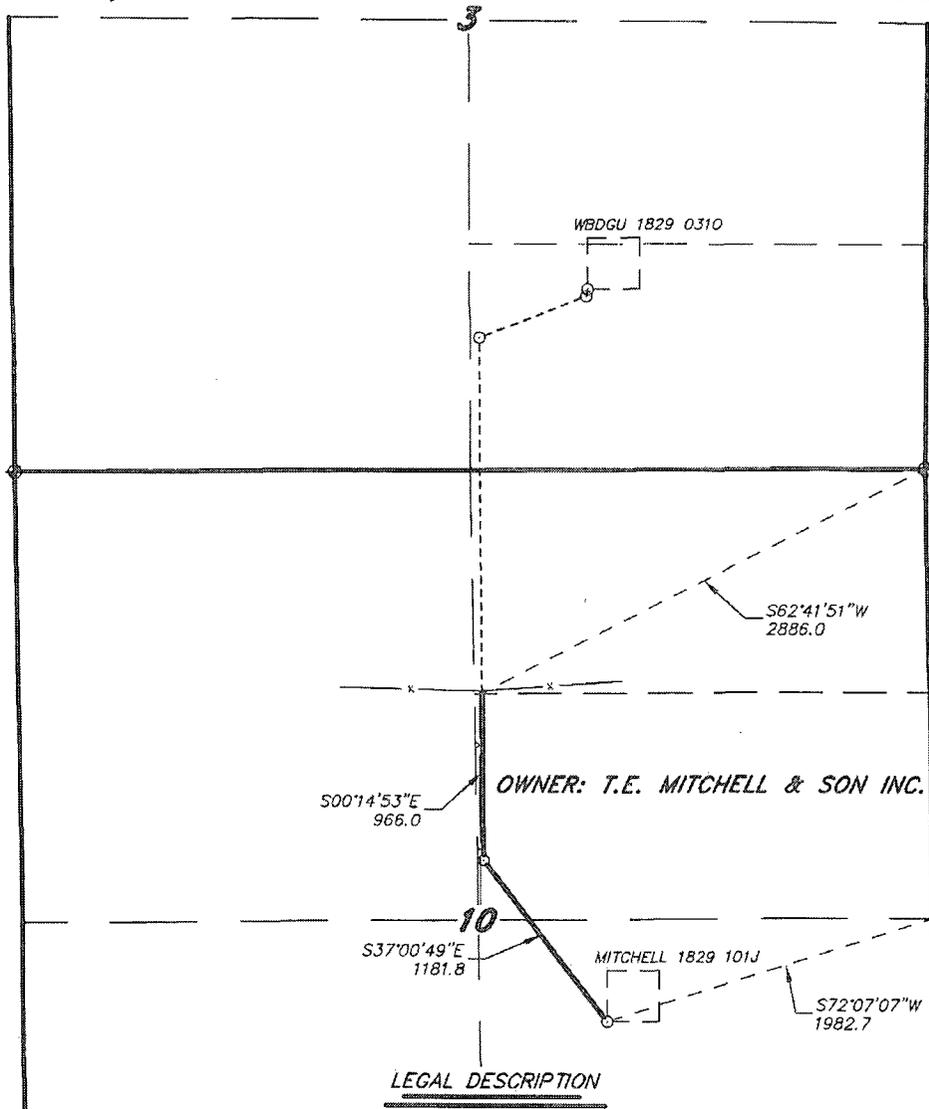


**BASIN SURVEYS** P.O. BOX 1786—HOBBS, NEW MEXICO

W.O. Number: 17794 Drawn By: J. M. SMALL  
Date: 11-10-2009 Disk: JMS 17794

<b>HESS CORPORATION</b>	
REF: PROPOSED LEASE ROAD TO THE WBDGU 1829 0310	
A LEASE ROAD CROSSING FEE LAND IN SECTIONS 3&10, TOWNSHIP 18 NORTH, RANGE 29 EAST, N.M.P.M., HARDING COUNTY, NEW MEXICO.	
Survey Date: 11-01-2009	Sheet 1 of 2 Sheets

SECTION 10, TOWNSHIP 18 NORTH, RANGE 29 EAST, N.M.P.M.,  
 HARDING COUNTY, NEW MEXICO.



A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 10, TOWNSHIP 18 NORTH, RANGE 29 EAST, N.M.P.M., HARDING COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY. BEGINNING AT A POINT ON THE NORTH PROPERTY LINE WHICH LIES S.62°41'51"W, 2886.0 FEET FROM THE NORTHEAST CORNER OF SAID SECTION 10; THENCE S.00°14'53"E, 966.0 FEET; THENCE S.37°00'49"E, 1181.8 FEET TO THE END OF THIS LINE WHICH LIES S.72°07'07"W, 1982.7 FEET FROM THE EAST QUARTER CORNER OF SAID SECTION 10. SAID STRIP OF LAND BEING 2147.8 FEET OR 130.17 RODS IN LENGTH.

I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES  
 No. 7977  
 No. 5074



**HESS CORPORATION**  
 REF: PROPOSED LEASE ROAD TO THE WBDGU 1829 0310

A LEASE ROAD CROSSING FEE LAND IN  
 SECTION 10, TOWNSHIP 18 NORTH, RANGE 29 EAST,  
 N.M.P.M., HARDING COUNTY, NEW MEXICO.

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

W.O. Number: 17794 Drawn By: J. M. SMALL

Date: 11-10-2009 Disk: JMS 17794 Survey Date: 11-01-2009 Sheet 2 of 2 Sheets

**Brooks, David K., EMNRD**

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**From:** Hughart, Jim [JHughart@hess.com]  
**Sent:** Tuesday, January 12, 2010 3:05 PM  
**To:** Brooks, David K., EMNRD  
**Cc:** Martin, Ed, EMNRD; Smith, Rita; Holcomb, Danny  
**Subject:** Non Standard Locations (NSL's)  
**Attachments:** 1830 181B NSL Ltr.pdf; 1830 181B NSL Plat.pdf; 1829 031O NSL Ltr.pdf; 1829 031O NSL Plat.pdf

<<1830 181B NSL Ltr.pdf>> <<1830 181B NSL Plat.pdf>> <<1829 031O NSL Ltr.pdf>> <<1829 031O NSL Plat.pdf>>

David,

Attached are unorthodox well location applications for the proposed WBDGU 1829 031O and the Mitchell 1830 181B wells located in Harding County, New Mexico. There is a PDF letter and separate PDF plat for each well. I have done my best to prepare these according to the regulations, but if there are mistakes, please let me know and I will correct immediately.

For your information, Rita Smith will withdraw the application to drill the Mitchell 1830 111M. We intend to restake this as the Mitchell 1830 111L and a new application will be filed. Reliant has advised they will withdraw it's objection to the 1830 111M once the new location has been staked and a permit has been applied for.

If you have any comments or questions, please contact me.

Regards,

**Jim Hughart**  
**Hess Corporation**  
**713-609-5517**  
**[jhughart@hess.com](mailto:jhughart@hess.com)**

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This inbound email has been scanned by the MessageLabs Email Security System.

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HESS CORPORATION  
500 Dallas Street  
Houston, TX 77002

James S. Hughart  
Land Manager  
PHONE: (713) 609-5517  
FAX: (713) 609-5670  
jhughart@hess.com

**VIA EMAIL**

January 12, 2010

David Brooks, OCD Hearing Examiner  
Oil Conservation Division  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

RE: Unorthodox Well Location Application  
WBDGU 1829 0310  
Harding County, New Mexico

Dear Mr. Brooks:

In compliance with 19.15.15.13 NMAC, Hess Corporation (Hess) as operator of the proposed WBDGU 1829 0310 requests administrative approval of our application for permit to drill the subject well to be located in the SW/4SE/4 of Section. 03, T18N, R29E. Hess cannot drill at a legal location in the NW/4SE/4 of Section 03 due to topographical considerations.

Enclosed is a plat showing the spacing unit, being all of section 03, T18N, R29E, the drill site located in the unorthodox location of the SW/4SE/4 of Sec. 03 and the adjoining affected units being all of section's 2, 10 and 11.

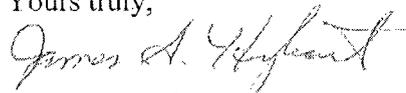
Hess Corporation is the only affected party in the offsetting units.

I, James S. Hughart, Land Manager of Hess Corporation, attest that Hess waives its own right to object to this unorthodox well application.

Also enclosed is an Administrative Application Checklist.

If you have any comments or questions, please contact me.

Yours truly,

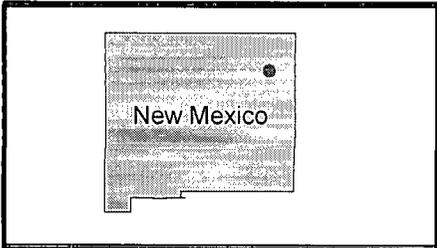
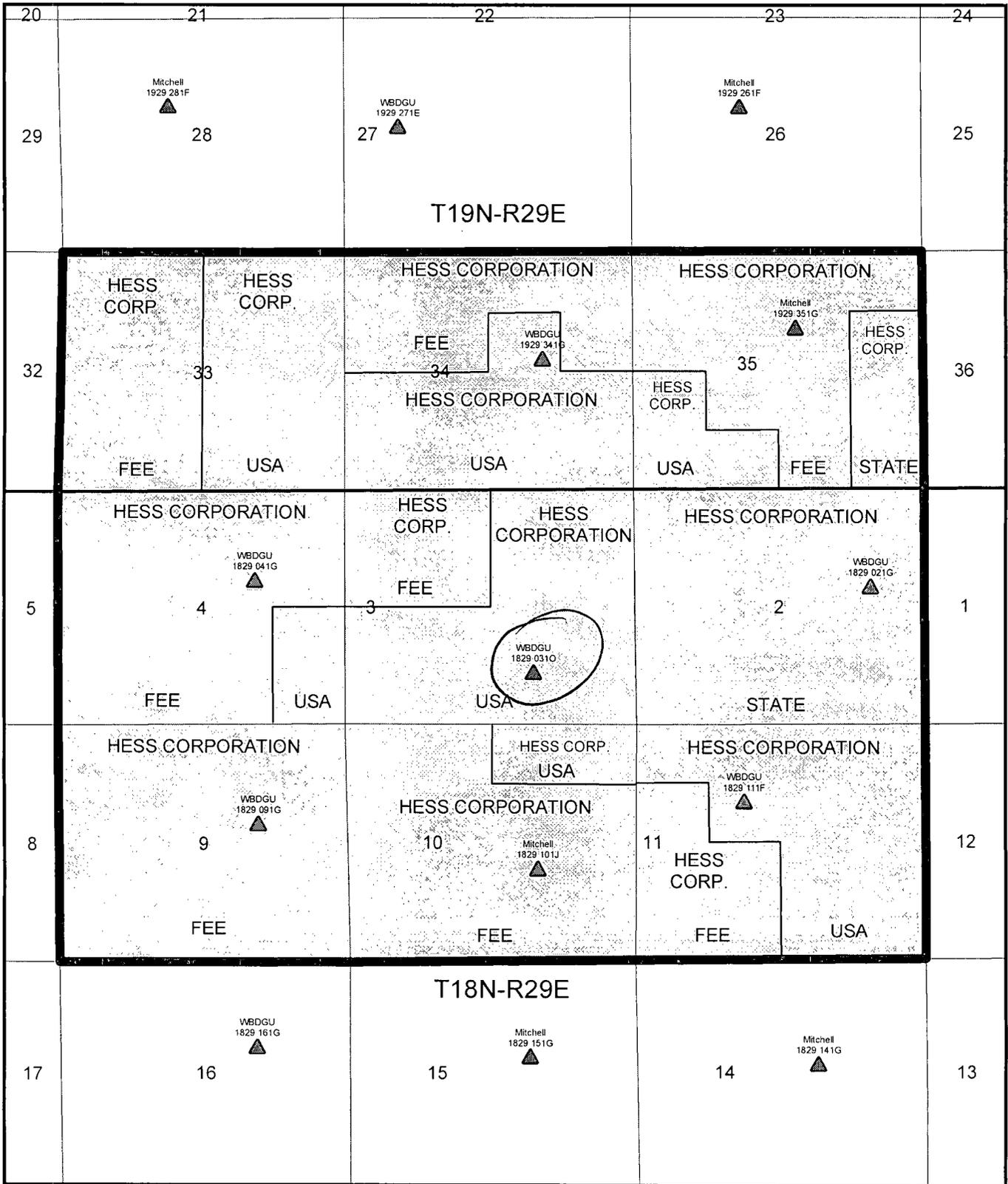
  
James S. Hughart,

Land Manager

Encl.

Cc. Ed Martin, District Supervisor OCD – [ed.martin@state.nm.us](mailto:ed.martin@state.nm.us)

WBDGU 1829 0310



**Legend**

**Proposed wells**

- ▲ FUTURE DRILL
- ▲ 2010 DRILL

**HESS CORPORATION**

LEASE MAP

WBDGU 1829 0310

— NINE SECTION AREA

AROUND DRILLSITE LOCATION

Harding\_Co\_NM\_2.MXD

**Brooks, David K., EMNRD**

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**From:** Brooks, David K., EMNRD  
**Sent:** Wednesday, January 13, 2010 10:19 AM  
**To:** 'JHughart@hess.com'  
**Subject:** WBDGU 1829 #131, Harding County; NSL Application

Dear Mr. Hughart

I have received your NSL application for the referenced well. However, much of the information I will need to process this application is apparently not included.

First and foremost, your letter does not state the proposed location, nor does it state the pool or formation in which the well will be completed, information that is necessary to ascertain what spacing rules apply. Also, I will need a copy of the Form C-102 filed with the APD, which depicts the proposed location and the unit that will be dedicated to the proposed well.

I am inclined to infer from the plat submitted that Hess is the operator of the adjoining units in Sections 3 and 10. However, there is no statement in your application concerning working interests in those tracts. Please state if Hess owns 100% of the working interest in the adjoining tracts in Sections 3 and 10, and, if not, whether working interest ownership for those tracts is identical to working interest ownership of the SE/4 of Section 3. We need this information in order to be sure that all required notices of this application have been provided.

Thanks in advance for your assistance.

David K. Brooks  
Legal Examiner

**Brooks, David K., EMNRD**

---

**From:** Brooks, David K., EMNRD  
**Sent:** Monday, February 01, 2010 4:00 PM  
**To:** 'JHughart@hess.com'  
**Subject:** Hess Corporation - West Bravo Dome 1829 Well #31; NSL Application

Dear Mr. Hughart

On January 12, 2010, I received your application for NSL approval for the above-referenced well, together with a similar applications for your proposed Mitchell #18B well.

On January 13, I sent similar emails on both applications requesting additional information.

You promptly supplied the requested information regarding the Mitchell #18B, but I cannot find, if I have received, any further communication concerning the West Bravo Dome 1829 #31.

I would very much appreciate being furnished the requested information, or a copy thereof if it was previously send, so that I can complete the procession of the application on the #31 well.

Sincerely,

David K. Brooks