

DATE IN <b>7-13-10</b>	SUSPENSE	ENGINEER <b>TW. DB.</b>	LOGGED IN <b>7-13-10</b>	TYPE <b>NSL</b>	APP NO. <b>PTG-W 1019433813</b>
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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



**BopCO**  
**260737**

**James Ranch U. #130H**

## ADMINISTRATIVE APPLICATION CHECKLIST

**30-015-8775**

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 \_\_\_\_\_

**NSL-6092**

### [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

**RECEIVED OGD**  
**2009 JUL 13 A 8:22**

### [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 Bruce  
P.O. Box 1056  
Santa Fe, New Mexico 87504

**James Bruce** \_\_\_\_\_  
Signature Title  
**7/12/10** \_\_\_\_\_  
Date  
**jamesbruce@aol.com** \_\_\_\_\_  
e-mail Address

**JAMES BRUCE**  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213  
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)  
(505) 660-6612 (Cell)  
(505) 982-2151 (Fax)

[jamesbruc@aol.com](mailto:jamesbruc@aol.com)

July 12, 2010

Mark E. Fesmire, P.E.  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Dear Mr. Fesmire:

Pursuant to NMAC 19.15.15.13, BOPCO, L.P. applies for approval of an unorthodox oil well location for the following well:

<u>Well:</u>	James Ranch Unit Well No. 130
<u>Surface location:</u>	2185 feet FNL & 180 feet FEL §36-22S-30E (this is also the entry point in the Delaware)
<u>Bottom hole location:</u>	1800 feet FNL & 330 feet FEL §31-22S-31E
<u>Well unit (project area):</u>	SE¼NE¼ §36 and Lot 2, SE¼NW¼, and S½NE¼ (S½N½) §31, Eddy County, New Mexico (200.45 acres)

The well will be drilled to a depth sufficient to test the Southeast Quahada Ridge-Delaware Pool. The pool is spaced on statewide rules, with 40<sup>√</sup>acre spacing, and wells to be located no closer than 330 feet to a quarter-quarter section line. A Form C-102 is attached as **Exhibit A**.

The well's unorthodox surface location is due to placing it near existing well locations, which will minimize surface use. **Exhibit B**. The well is in the oil-potash area, which further restricts well locations.

The following leases are involved:

1. State Lease E-5229-9, covering the N½ of Section 36. The lease is owned by Bass entities. **Exhibit C**.
2. Federal Lease NM 02953, covering the N½ of Section 31. The lease is owned by Bass entities and ConocoPhillips Company. **Exhibit D**.

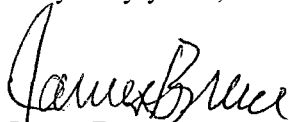
3. Federal Lease NM 02953-C, covering the N½ of Section 31. The lease is owned by Bass entities. **Exhibit E.**

Royalty, overriding royalty, and production payment interests are common among Leases NM 02953 and NM 02953-C. The Bass entities waive objection to the unorthodox location.

Please note that the federal leases have a depth severance as to depths above/below 6000 feet. However, attached as Exhibit F is a completion report from an offsetting well, showing that the target zone is located below 8000 feet. Thus, the encroachment does not adversely affect any offset owners. As a result, notice of the application has not been given to anyone.

Please contact me if you need any further information on this application.

Very truly yours,

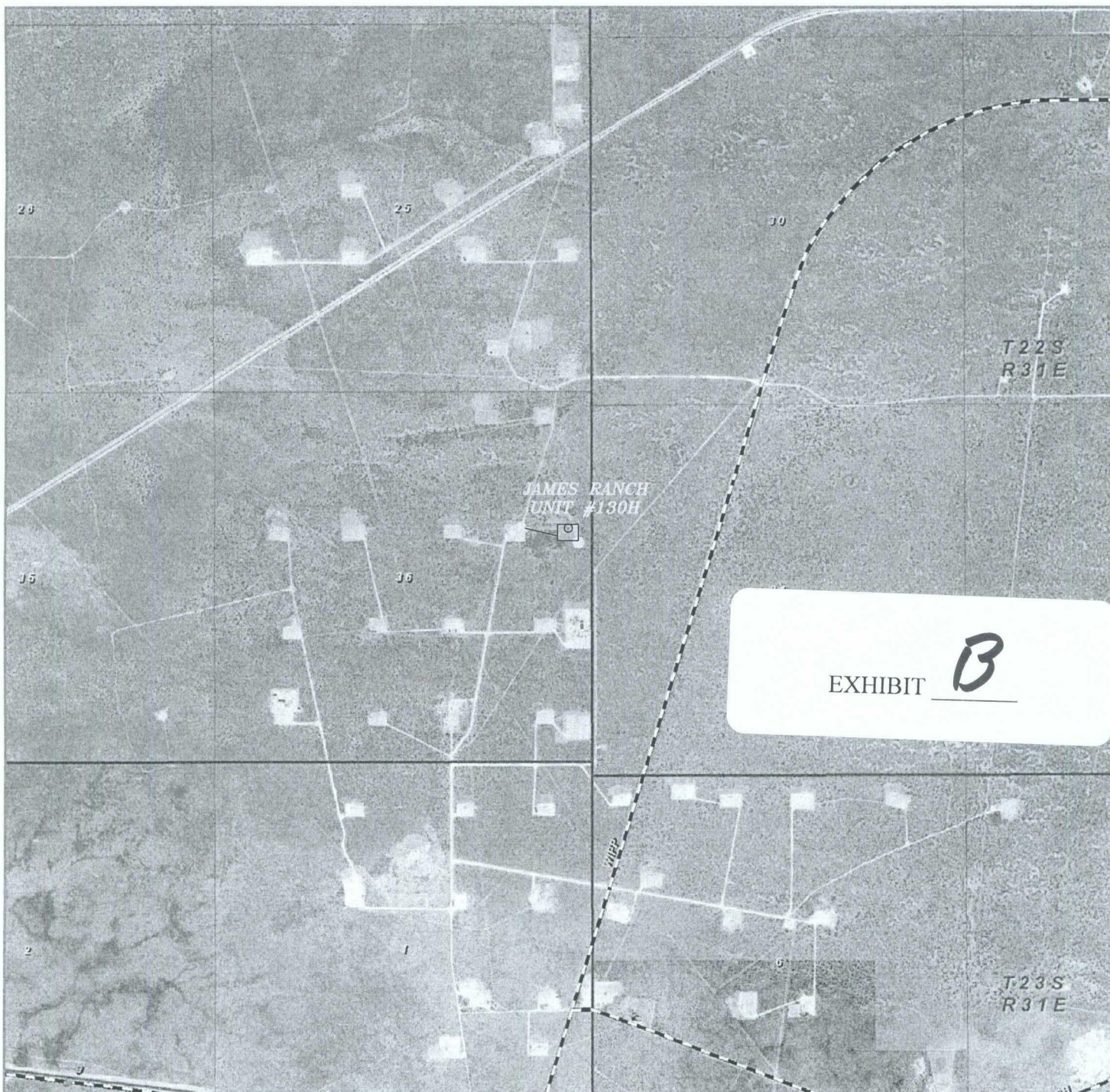


James Bruce

Attorney for BOPCO, L.P.

## BASIN SURVEYS





JAMES RANCH UNIT #130H  
Located 2185' FNL and 180' FEL  
Section 36, Township 22 South, Range 30 East,  
N.M.P.M., Eddy County, New Mexico.

**basin**  
**surveys**  
focused on excellence  
in the oilfield

P.O. Box 1786  
1120 N. West County Rd.  
Hobbs, New Mexico 88241  
(575) 393-7316 - Office  
(575) 392-2206 - Fax  
basinsurveys.com

W.O. Number: JMS 22991

Scale: 1" = 2000'

YELLOW TINT - USA LAND  
BLUE TINT - STATE LAND  
NATURAL COLOR - FEE LAND

*BOPCO, L.P.*

# STATE LAND OFFICE DATA ACCESS

[SLO data portal](#)
[Home](#)
[Select a different page.....](#)
[Go Tech](#)
[NM State Land Office](#)

## list lease info

\* Lease Prefix:  \* Number:  \* Assignment:

Example:      A0                      1234                      0000







132 Records found.

Lease Number:

**E0-5229-0009**

Company name: BMT O&G NM,LLC / BEPCO, LP  
 Company ID: 242080  
 Assigned from: E0-5229-0007  
 Total acres: 5286.10  
 Prod stat: N/A

### Lease term:

Lease term: 10 year lease term 1/8th roy  
 Issue date: 5/10/1951  
 Termination date: Active  
 Termination reason: N/A  
 Current term: Extended Primary Term

### Billing information:

Bill to: BMT O&G NM,LLC / BEPCO, LP  
 Rent per acre: 0.50  
 Billing frequency: Annual  
 Minimum annual rent: 2643.05  
 Last bill date: 4/15/2010  
 Next bill date: 5/10/2011  
 Escalation: 0

### Land information:

Section	Township	Range	Unit Letter	Lot	Tract	Acreage	Link
36	22S	30E	A			40.00	<a href="#">[Land Details]</a>
			B			40.00	<a href="#">[Land Details]</a>
			C			40.00	<a href="#">[Land Details]</a>
			D			40.00	<a href="#">[Land Details]</a>
			E			40.00	<a href="#">[Land Details]</a>
			F			40.00	<a href="#">[Land Details]</a>
			G			40.00	<a href="#">[Land Details]</a>
			H			40.00	<a href="#">[Land Details]</a>
			K			40.00	<a href="#">[Land Details]</a>

EXHIBIT C



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Time 10:01 AM

Page 1 of 2

Run Date: 07/12/10

01 02-25-1920;041STAT0437;30USC226

Case Type 311111: O&G LSE NONCOMP PUB LAND

Commodity 459: OIL & GAS L

Case Disposition: AUTHORIZED

Total Acres  
800.860

Serial Number  
NMNM-- 0 002953

Serial Number: NMNM-- 0 002953

Name & Address			Int Rel	% Interest
CONOCOPHILLIPS CO	PO BOX 7500	BARTLESVILLE OK 74005	LESSEE	100.00000000
CTV OG NM LLC	201 MAIN ST#2700	FORT WORTH TX 76102	OPERATING RIGHTS	0.00000000
KEYSTONE OG NM LLC	201 MAIN ST#2700	FORT WORTH TX 76102	OPERATING RIGHTS	0.00000000
LMBI OG NM LLC	201 MAIN ST #2700	FORT WORTH TX 761023131	OPERATING RIGHTS	0.00000000
SRBI OG NM LLC	201 MAIN ST #2700	FORT WORTH TX 76102	OPERATING RIGHTS	0.00000000
THRU LINE OG NM LLC	201 MAIN ST #2700	FORT WORTH TX 76102	OPERATING RIGHTS	0.00000000

Serial Number: NMNM-- 0 002953

Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 0220S	0300E	015	ALIQ		SW;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0300E	021	ALIQ		E2SE;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0300E	022	ALIQ		SE;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0300E	026	ALIQ		W2SE;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0310E	031	FF		LOTS 1,2	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0310E	031	FF	01	NE,E2NW, BELOW 6,000'	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT

**Relinquished/Withdrawn Lands**

Serial Number: NMNM-- 0 002953

23 0220S	0300E	715	FF		SE ASGN;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0300E	721	FF		E2NE,ASGN;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0300E	722	FF		N2,SW,ASGN;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0300E	725	FF		SW,S2SE,ASGN;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0300E	725	FF	01	N2SE,CANC;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0300E	725	FF	02	N2SE LISTED;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0300E	726	FF		W2,E2SE,ASGN;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0310E	731	FF		LOTS 1,2	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0310E	731	FF	01	NE,E2NW, CANX SURFACE	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0310E	731	FF	02	TO 6,000'	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0310E	731	FF	03	LOTS 3,4,E2SW,SE ASGN;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- 0 002953

Act Date	Code	Action	Action Remark	Pending Office
07/28/1950	124	APLN RECD		
04/04/1952	237	LEASE ISSUED		
04/04/1952	530	RLTY RATE - 12 1/2%		
04/04/1952	868	EFFECTIVE DATE		
05/01/1952	496	FUND CODE	05;145003	
06/16/1953	232	LEASE COMMITTED TO UNIT	NMNM70965X;JAMES RANC	
06/16/1953	501	REFERENCE NUMBER	UA-1408001326;	
09/01/1953	570	CASE SEGREGATED BY ASGN	INTO NMNM02953-A;	
05/01/1954	570	CASE SEGREGATED BY ASGN	INTO NMNM02953-B;	
04/30/1957	235	EXTENDED	THRU 04/30/62;	
06/01/1958	570	CASE SEGREGATED BY ASGN	INTO NMNM02953-C;	
08/02/1960	651	HELD BY PROD - ALLOCATED	JAMES RANCH UNIT	
08/02/1960	660	MEMO OF 1ST PROD-ALLOC	JAMES RANCH UNIT	
03/05/1970	940	NAME CHANGE RECOGNIZED	RICHARDSON OILS/BASS	

EXHIBIT

**D**

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Time 10:01 AM

Page 1 of 3

Run Date: 07/12/10

**01 02-25-1920;041STAT0437;30USC226**  
**Case Type 311111: O&G LSE NONCOMP PUB LAND**  
**Commodity 459: OIL & GAS L**  
**Case Disposition: AUTHORIZED**

**Total Acres**  
**400.980**

**Serial Number**  
**NMNM-- 0 002953C**

**Serial Number: NMNM-- 0 002953C**

Name & Address			Int Rel	% Interest
CHISHOLM TRAIL VENTURES LP	201 MAIN ST	FORT WORTH TX 76102	OPERATING RIGHTS	0.000000000
CTV OG NM LLC	201 MAIN ST#2700	FORT WORTH TX 76102	OPERATING RIGHTS	0.000000000
CTV OG NM LLC	201 MAIN ST#2700	FORT WORTH TX 76102	LESSEE	25.000000000
KEYSTONE GROUP LP	201 MAIN ST	FORT WORTH TX 761023131	OPERATING RIGHTS	0.000000000
KEYSTONE OG NM LLC	201 MAIN ST#2700	FORT WORTH TX 76102	OPERATING RIGHTS	0.000000000
KEYSTONE OG NM LLC	201 MAIN ST#2700	FORT WORTH TX 76102	LESSEE	18.750000000
LMBI OG NM LLC	201 MAIN ST #2700	FORT WORTH TX 761023131	LESSEE	18.750000000
LMBI OG NM LLC	201 MAIN ST #2700	FORT WORTH TX 761023131	OPERATING RIGHTS	0.000000000
SRBI LP	201 MAIN ST	FORT WORTH TX 761023131	OPERATING RIGHTS	0.000000000
SRBI OG NM LLC	201 MAIN ST #2700	FORT WORTH TX 76102	OPERATING RIGHTS	0.000000000
SRBI OG NM LLC	201 MAIN ST #2700	FORT WORTH TX 76102	LESSEE	18.750000000
THRU LINE LP	201 MAIN ST	FORT WORTH TX 761023131	OPERATING RIGHTS	0.000000000
THRU LINE OG NM LLC	201 MAIN ST #2700	FORT WORTH TX 76102	LESSEE	18.750000000
THRU LINE OG NM LLC	201 MAIN ST #2700	FORT WORTH TX 76102	OPERATING RIGHTS	0.000000000
W D PARTNERS LP	201 MAIN ST	FORT WORTH TX 76102	OPERATING RIGHTS	0.000000000

**Serial Number: NMNM-- 0 002953C**

Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 0220S	0300E	026	ALIQ		E2SE;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0310E	031	FF		E2SW,SE,BELOW 6000';	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S	0310E	031	LOTS		3-4;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT

**Relinquished/Withdrawn Lands**

**Serial Number: NMNM-- 0 002953C**

23 0220S 0310E 731	FF	E2SW,SE,CANC;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S 0310E 731	FF	02 SURFACE TO 6000';	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0220S 0310E 731	LOTS	3,4;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT

**Serial Number: NMNM-- 0 002953C**

Act Date	Code	Action	Action Remark	Pending Office
04/04/1952	387	CASE ESTABLISHED		
05/01/1952	237	LEASE ISSUED		
05/01/1952	496	FUND CODE	05;145003	
05/01/1952	530	RLTY RATE - 12 1/2%		
05/01/1952	868	EFFECTIVE DATE		
06/16/1953	232	LEASE COMMITTED TO UNIT	NMNM70965X;JAMES RANC	
06/16/1953	501	REFERENCE NUMBER	UA-1408001558;	
06/01/1958	553	CASE CREATED BY ASGN	OUT OF NMNM02953;	
08/02/1960	102	NOTICE SENT-PROD STATUS		
08/02/1960	651	HELD BY PROD - ALLOCATED	JAMES RANCH	
08/02/1960	660	MEMO OF 1ST PROD-ALLOC	JAMES RANCH	
03/05/1970	940	NAME CHANGE RECOGNIZED	RICHARDSON OILS/BASS	
03/07/1972	500	GEOGRAPHIC NAME	LOS MEDANOS FLD;	
03/07/1972	510	KMA CLASSIFIED		
09/09/1973	500	GEOGRAPHIC NAME	JAMES RANCH FLD;	
09/09/1973	512	KMA EXPANDED		
02/09/1977	200	CANCELED IN PART		

EXHIBIT **E**



CORRECTED

Form C-105  
July 17, 2008

Submit To Appropriate District Office Two Copies 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  Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		1. WELL API NO. 30-015-37175	
		2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN			
		3. State Oil & Gas Lease No.			
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>					
4. Reason for filing: <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)				5. Lease Name or Unit Agreement Name James Ranch Unit	
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER				6. Well Number: 103H	
8. Name of Operator BOPCO, L.P.				9. OGRID 260737	
10. Address of Operator P.O. Box 2760 Midland, TX 79702				11. Pool name or Wildcat Quahada Ridge, SE (Delaware) ✓	
12. Location	Unit Ltr	Section	Township	Range	Lot
Surface:	B	36	22S	30E	
BH:	D	36	22S	30E	
13. Date Spudded 10/07/2009	14. Date T.D. Reached 10/25/2009	15. Date Rig Released 10/28/2009		16. Date Completed (Ready to Produce) 12/18/2009	
17. Elevations (DF and RKB, RT, GR, etc.) 3326' GL					
18. Total Measured Depth of Well 10,610'		19. Plug Back Measured Depth 10,610'		20. Was Directional Survey Made? Yes	
21. Type Electric and Other Logs Run GR:PPC/Borehole Elip/GR:CCL					
22. Producing Interval(s), of this completion - Top, Bottom, Name 8,098'-10,558' Delaware					
<b>23. CASING RECORD (Report all strings set in well)</b>					
CASING SIZE	WEIGHT L.B./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	708'	17-1/2"	705 sxs	0' Circ
9-5/8"	40#	3,855'	12-1/4"	1475 sxs	0' Circ
7"	26#	7,696'	8-3/4"	285 sxs	DV 4988'
				675 sxs	0' Circ
<b>24. LINER RECORD</b>					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
4-1/2"	6,807'	10,610'	NA	NA	
<b>25. TUBING RECORD</b>					
SIZE	DEPTH SET	PACKER SET			
2-7/8"	6,779'	NA			
26. Perforation record (interval, size, and number) 8,098'-102', 8,371'-75', 8,685'-89', 8,957'-61', 9,235'-39', 9,513'-9,517', 9,792'-96', 10,092'-96', 10,389'-93', 10,555'-558'					
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED see attachment for details					
<b>28. PRODUCTION</b>					
Date First Production 12/18/2009		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Producing	
Date of Test 01/04/2010	Hours Tested 24 hrs	Choke Size WO	Prod'n For Test Period	Oil - Bbl 750	Gas - MCF 701
Flow Tubing Press. 550	Casing Pressure 450	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl. 1255
					Gas - Oil Ratio 934.67
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					30. Test Witnessed By NA
31. List Attachments NA					
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.					
33. If an on-site burial was used at the well, report the exact location of the on-site burial:					
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Signature <i>Valerie Truax</i> Printed Name Valerie Truax Title Regulatory Admin Assistant Date 01/05/2010 E-mail Address vtruax@basspet.com					

EXHIBIT

F

**Brooks, David K., EMNRD**

---

**From:** Brooks, David K., EMNRD  
**Sent:** Tuesday, July 13, 2010 2:53 PM  
**To:** 'jamesbruc@aol.com'  
**Subject:** James Ranch Unit #130H; NSL Application

Dear Jim

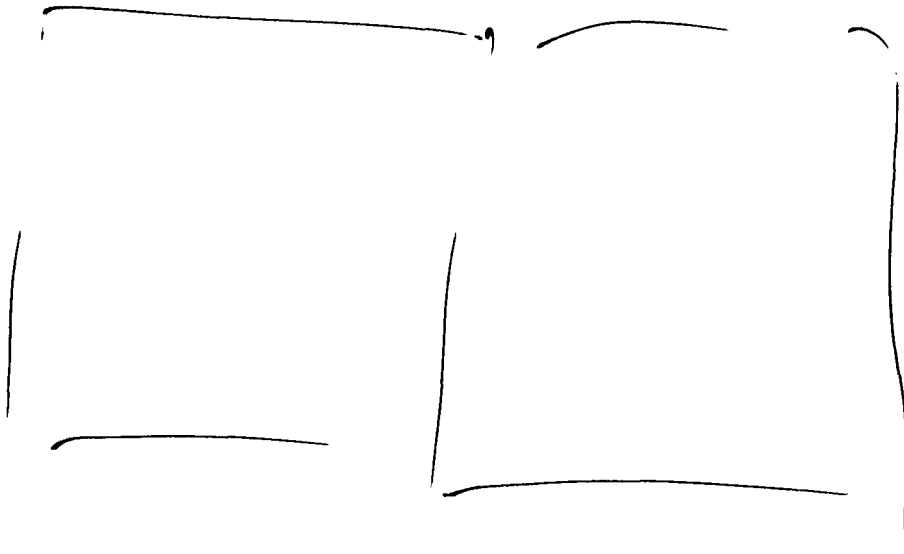
I am not sure that the proposed location of this well is unorthodox. ~~From the attached C-102, it appears that you are including Unit H of Section 36-22S-30E in the project area. If so, the location is not unorthodox.~~

If it is your intention to exclude the drillsite tract from the project area, you will need to file a C-102 reflecting that, in which case H—36-22S-30E would be the offsetting tract toward which this location encroaches. ✓

I am not sure that I understand what you say about a depth severance. If there were a depth severance within the vertical limits of the pool in the adjoining tract, then I would require notice to the owners of the shallower depths, since we could not presume that there was no communication within a pool. However if the depth severance relates only to the units included in the project area, I do not believe there is any notice requirement. Please confirm that the depth severance relates only to the units in Section 31. ✓

Sincerely

David K. Brooks



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 15, 2009

Submit one copy to appropriate  
District Office

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 50443 ✓	Pool Name Quahada Ridge SE (Delaware)
Property Code	Property Name JAMES RANCH UNIT	Well Number 130H
GRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3321'

Surface Location

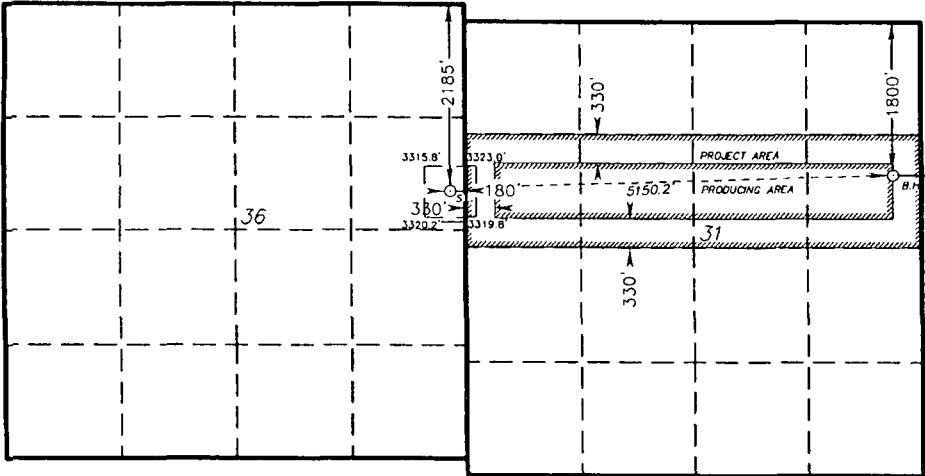
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	36	22 S	30 E		2185	NORTH	180	EAST	EDDY

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
H	31	22 S	31 E		1800	NORTH	330	EAST	EDDY

Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No.
------------------------	----------------------	--------------------	-----------

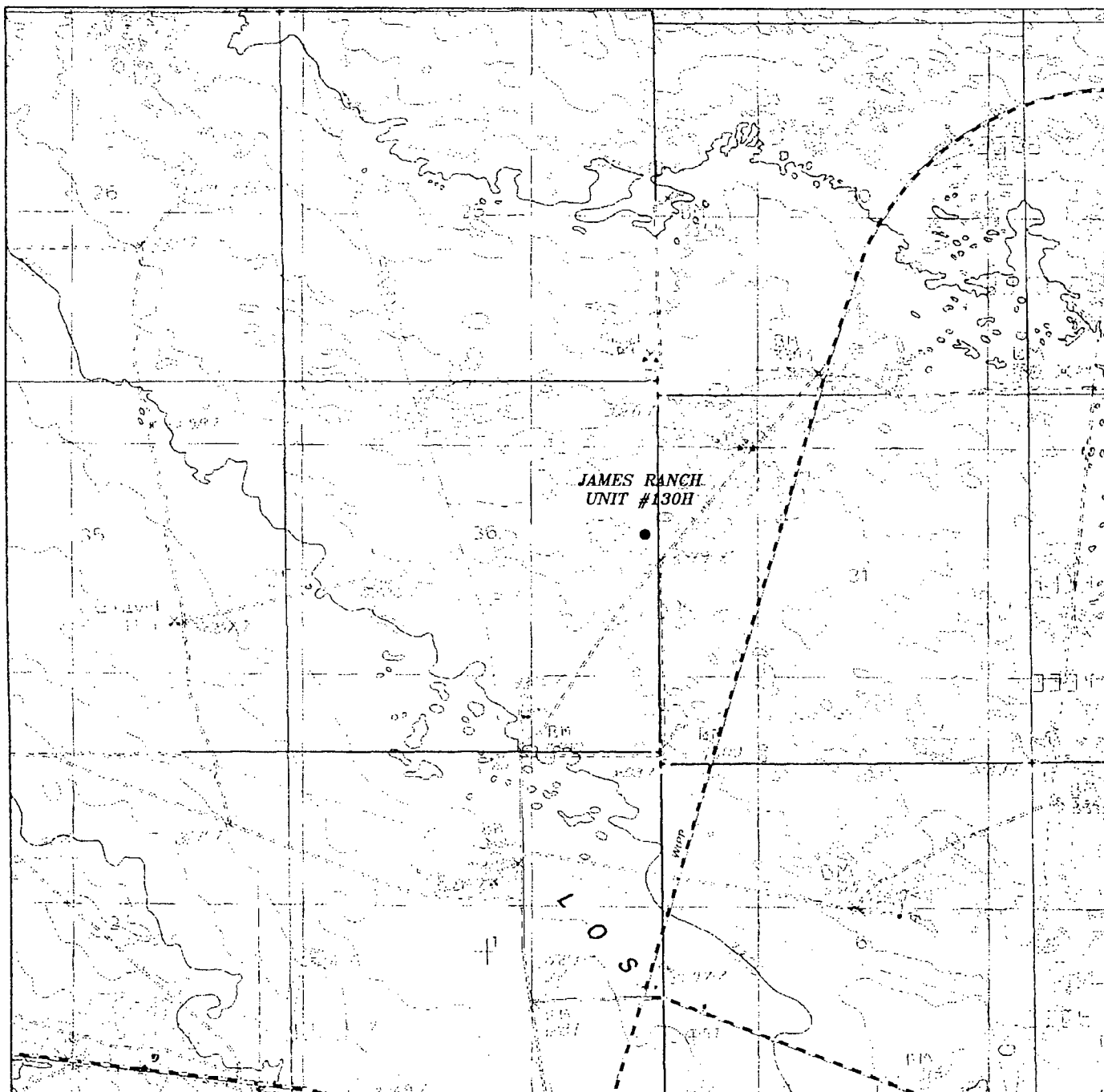
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		<p><b>OPERATOR CERTIFICATION</b></p> <p>I 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 or has a right to drill this well at this 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.</p> <p><i>Gary Gerhard</i> 7/27/10 Signature Date</p> <p>Gary Gerhard Printed Name</p> <p>330'</p>
<p><b>SURFACE LOCATION</b> Lat - N 32°20'59.33" Long - W 103°49'34.32" NMSPCE - N 491365.310 E 697943.947 (NAD-83)</p> <p><b>DELAWARE PENETRATION PL</b> Lat - N 32°20'59.33" Long - W 103°49'34.32" NMSPCE - N 491365.310 E 697943.947 (NAD-83) ✓</p> <p><b>LO BRUSHY CANYON "W" SAND PENETRATION PL</b> Lat - N 32°20'59.43" Long - W 103°49'31.00" NMSPCE - N 491376.80 E 698228.80 (NAD-83)</p> <p><b>PROPOSED BOTTOM HOLE LOCATION</b> Lat - N 32°21'01.14" Long - W 103°48'34.33" NMSPCE - N 491572.895 E 703088.836 (NAD-83)</p>		<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p><i>GARY L. JONES</i> Date Surveyed Signature &amp; Seal of Professional Surveyor 7977</p> <p><b>Certificate No. Gary L. Jones 7977</b></p> <p><b>BASIN SURVEYS</b></p>

## NEW MEXICO.



Sheet 1 of 1 Sheets



**JAMES RANCH UNIT #130H**  
 Located 2185' FNL and 180' FEL  
 Section 36, Township 22 South, Range 30 East,  
 N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786  
 1120 N. West County Rd.  
 Hobbs, New Mexico 88241  
 (575) 393-7316 - Office  
 (575) 392-2206 - Fax  
 basinsurveys.com

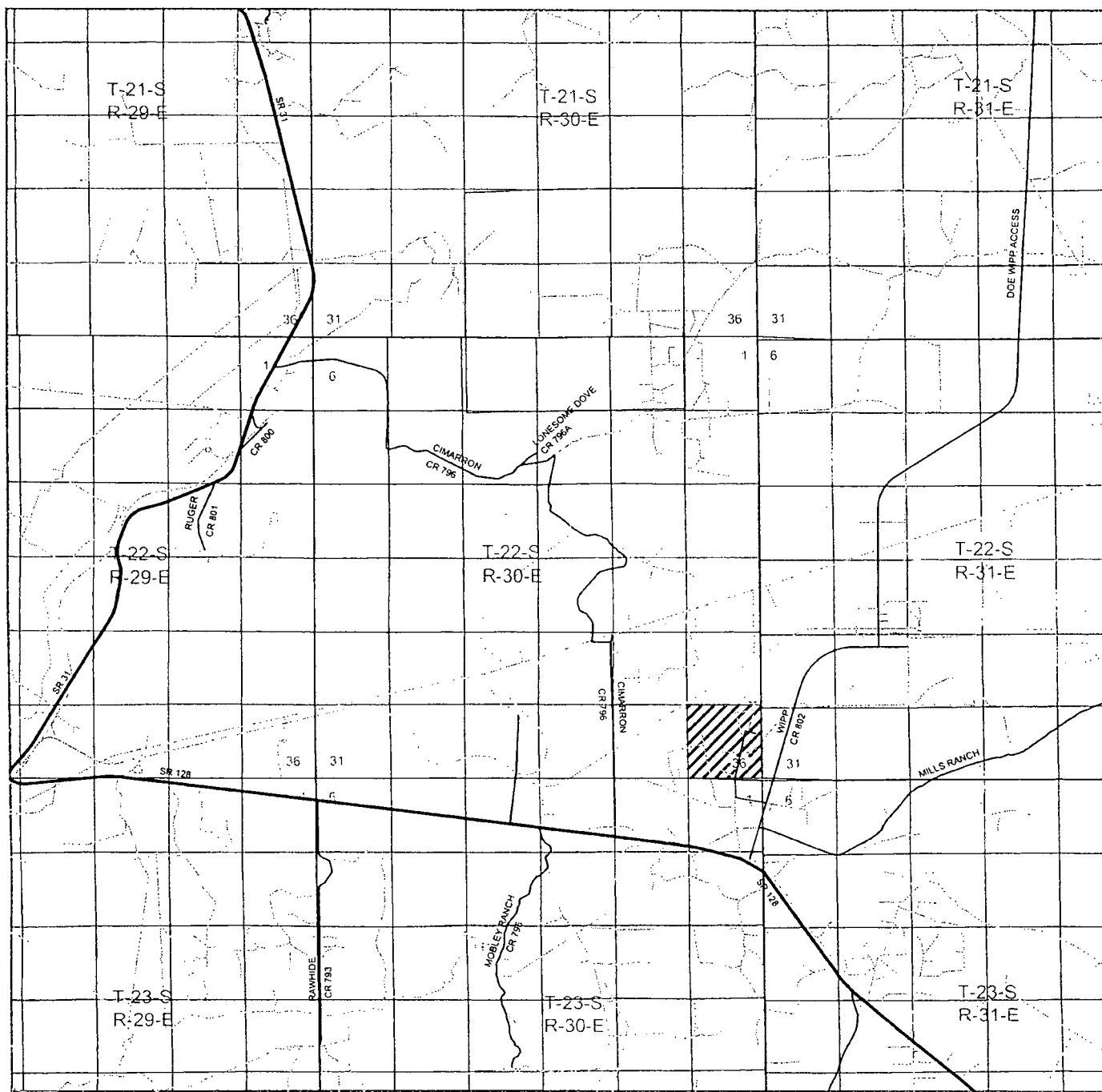
W.O. Number: JMS 22991

Survey Date: 06-25-2010

Scale: 1" = 2000'

Date: 06-28-2010

*BOPCO, L.P.*



# **JAMES RANCH UNIT #130H**

Located 2185' FNL and 180' FEL

Section 36, Township 22 South, Range 30 East,  
N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786  
1120 N. West County Rd.  
Hobbs, New Mexico 88241  
(575) 393-7316 - Office  
(575) 392-2206 - Fax  
basinsurveys.com

W.O. Number: JMS 22991

Survey Date: 06-25-2010

Scale: 1" = 2 Miles

Date: 06-28-2010

*BOPCO, L.P.*



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**APPLICATION FOR PERMIT TO DRILL OR REENTER**

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>NM02953 &amp; E5229</b>
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator <b>BOPCO, L. P.</b>		7. If Unit or CA Agreement, Name and No.
3a. Address <b>P. O. Box 2760 Midland, TX 79702</b>	3b. Phone No. (include area code) <b>432-683-2277</b>	8. Lease Name and Well No. <b>James Ranch Unit #130H</b>
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface <b>SENE, UL H, 2185' FNL, 180' FEL, Lat N32.349814, Long W103.8262</b> At proposed prod. zone <b>1800' FNL, 330' FEL, Sec 31, T22S, R31E, Lt N32.350317, Lg W103.809537</b>		9. API Well No.
14. Distance in miles and direction from nearest town or post office* <b>17 miles east of Malaga, NM</b>		10. Field and Pool, or Exploratory <b>Quahada Ridge SE (Delaware)</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>180'</b>	16. No. of acres in lease <b>8027.9</b>	11. Sec., T. R. M. or Blk. and Survey or Area <b>Sec 36, T22S, R30E, Mer NMP</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>255'</b>	17. Spacing Unit dedicated to this well <b>160</b> <input checked="" type="checkbox"/>	12. County or Parish <b>Eddy County</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>3321' GL</b>	19. Proposed Depth <b>12,532' MD, 7735' TVD</b>	13. State <b>NM</b>
20. BLM/BIA Bond No. on file <b>COB000050</b>		22. Approximate date work will start* <b>10/01/2010</b>
23. Estimated duration <b>24 days</b>		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |  |  |
|--|--|
| 1. Well plat certified by a registered surveyor.<br>2. A Drilling Plan.<br>3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).<br>5. Operator certification<br>6. Such other site specific information and/or plans as may be required by the authorized officer. |
|--|--|

25. Signature	Name (Printed/Typed) <b>Katy Holster</b>	Date <b>7/27/10</b>
Title <b>Administrative Assistant</b>		

Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

45

DISTRICT I  
1825 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 St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 12, 2005

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-015-37063</b>	Pool Code	Pool Name
Property Code	Property Name <b>JAMES RANCH UNIT</b>	Well Number <b>106H</b>
GRID No. <b>260737</b>	Operator Name <b>BOPCO, L.P.</b>	Elevation <b>3296'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	36	22 S	30 E		1595	SOUTH	1096	WEST	EDDY

Bottom Hole Location If Different From Surface

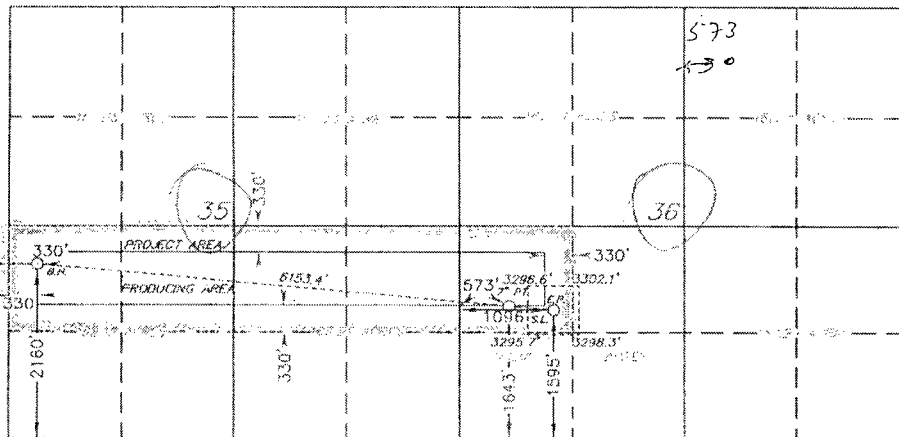
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	35	22 S	30 E		2160	SOUTH	330	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

EXHIBIT

A



BOTTOM HOLE LOCATION  
LAT - N32°20'50.32"  
LONG - W103°51'33.23"  
N.: 490407.803  
SPC- E.: 687747.830  
(NAD-83)

7" CASING POINT  
(NOT FROM BASIN SURVEYS)  
LAT - N32°20'45.06"  
LONG - W103°50'27.91"  
N.: 489901.32  
SPC- E.: 693353.52  
(NAD-83)

SURFACE LOCATION  
LAT - N32°20'44.57"  
LONG - W103°50'21.82"  
N.: 489854.073  
SPC- E.: 693876.291  
(NAD-83)

DELAWARE ENTRY POINT  
LAT - N32°20'44.57"  
LONG - W103°50'21.82"  
N.: 489854.073  
SPC- E.: 693876.291  
(NAD-83)

OPERATOR CERTIFICATION

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 undivided 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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

SURVEYOR CERTIFICATION

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.

JAN 15 2009

Date Surveyed \_\_\_\_\_  
Signature of Surveyor \_\_\_\_\_  
Professional Surveyor

W.O. 103-20934

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

SCALE - 1" = 2000'

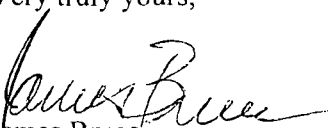
1643  
-1320  
323

323  
573

657.81

466.7  
330  
330

Very truly yours,

  
James Bruce

Attorney for BOPCO, L.P.

**JAMES BRUCE**  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213  
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)  
(505) 660-6612 (Cell)  
(505) 982-2151 (Fax)

[jamesbruc@aol.com](mailto:jamesbruc@aol.com)

September 22, 2009

Mark E. Fesmire, P.E.  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Dear Mr. Fesmire:

Pursuant to NMAC 19.15.15.13, BOPCO, L.P. applies for approval of an unorthodox oil well location for the following well:

<u>Well:</u>	James Ranch Unit Well No. 106
<u>Surface location:</u>	1595 feet FSL & 1096 feet FWL §36
<u>Bottom hole location:</u>	2160 feet FSL & 330 feet FEL §35
<u>Well unit (project area):</u>	N½S½ of Section 35 and NW¼SW¼ of Section 36, Township 22 South, Range 30 East, N.M.P.M., Eddy County, New Mexico

The well will be drilled to a depth sufficient to test the Southeast Quahada Ridge-Delaware Pool. The pool is spaced on statewide rules, with 40 acre spacing, and wells to be located no closer than 330 feet to a quarter-quarter section line. A Form C-102 is attached as **Exhibit A**.

The unorthodox surface location is due to placing the well near the location of the James Ranch Unit Well No. 67, which will minimize surface use. **Exhibit B**. Due to the well's directional plan, the entry point in the Delaware (1643 feet FSL & 573 feet FWL) encroaches by seven (7) feet on the SW¼SW¼ of Section 36. However, the SW¼ of Section 36 is covered by State Lease E-5229-9, which has common ownership. **Exhibit C**. Thus, the encroachment does not adversely affect any offset owners. As a result of the foregoing, notice of the application has not been given to anyone.

Please contact me if you need any further information on this application.

DATE: 9/23/09	SUSPENSE: None	ENGINEER: DB	LOGGED IN: 9/23	TYPE: NSL	APPROVAL: JWBK092855965
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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



*BOPCO*  
*James Bruce V #106*

**ADMINISTRATIVE APPLICATION CHECKLIST**

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

**[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 Bruce  
 P.O. Box 1056  
 Santa Fe, New Mexico 87504

*James Bruce*  
 Signature

Attorney for Applicant  
 Title Date

jamesbruc@aol.com  
 e-mail Address

2009 SEP 23 A 7:44  
 RECEIVED OOD

9/22/09

五



Sheet 1 of 1 Sheets



**STATE LAND OFFICE DATA ACCESS**

Home Select a different page..... Go Back My State Land Office

## List lease info

\* Lease Prefix:  \* Number:  \* Assignment:

Exemption:

132 Records found.

Lease Number:

**E0-5229-0009**

Company name: EMT COS NM LLC PERCO LE  
 Company ID: 242080  
 Assigned from: E0-5229-0009  
 Total acres: 5286.10  
 Prod stat: N/A

### Lease term:

Lease term: 10 year lease term 1/8th roy  
 Issue date: 5/10/1951  
 Termination date: Active  
 Termination reason: N/A  
 Current term: Extended Primary Term

### Billing information:

Bill to: EMT COS NM LLC PERCO LE  
 Rent per acre: 0.50  
 Billing frequency: Annual  
 Minimum annual rent: 2643.05  
 Last bill date: 4/16/2009  
 Next bill date: 5/10/2010  
 Escalation: 0

### Land information:

Section	Township	Range	Unit Letter	Lot/Tract	Acreage	Link
36	22S	30E	A		40.00	<a href="#">Land Details</a>
			B		40.00	<a href="#">Land Details</a>
			C		40.00	<a href="#">Land Details</a>
			D		40.00	<a href="#">Land Details</a>
			E		40.00	<a href="#">Land Details</a>
			F		40.00	<a href="#">Land Details</a>
			G		40.00	<a href="#">Land Details</a>
			H		40.00	<a href="#">Land Details</a>
			K		40.00	<a href="#">Land Details</a>

EXHIBIT

C

			L		40.00	[Land Details]
			M		40.00	[Land Details]
			N		40.00	[Land Details]
2	23S	30E	1	1	40.39	[Land Details]
			2	2	40.23	[Land Details]
			3	3	40.05	[Land Details]
			4	4	39.89	[Land Details]
			E		40.00	[Land Details]
			F		40.00	[Land Details]
			G		40.00	[Land Details]
			H		40.00	[Land Details]
			I		40.00	[Land Details]
			J		40.00	[Land Details]
			L		40.00	[Land Details]
			M		40.00	[Land Details]
			N		40.00	[Land Details]
16	23S	30E	A		40.00	[Land Details]
			B		40.00	[Land Details]
			C		40.00	[Land Details]
			D		40.00	[Land Details]
			E		40.00	[Land Details]
			F		40.00	[Land Details]
			G		40.00	[Land Details]
			H		40.00	[Land Details]
			I		40.00	[Land Details]
			J		40.00	[Land Details]
			K		40.00	[Land Details]
			L		40.00	[Land Details]
			M		40.00	[Land Details]
			N		40.00	[Land Details]
			O		40.00	[Land Details]
			P		40.00	[Land Details]
19	23S	30E	1	1	40.25	[Land Details]
			2	2	40.21	[Land Details]
			3	3	40.18	[Land Details]
			4	4	40.16	[Land Details]
			F		40.00	[Land Details]
			K		40.00	[Land Details]
			N		40.00	[Land Details]
21	23S	30E	A		40.00	[Land Details]
			C		40.00	[Land Details]
			F		40.00	[Land Details]
			K		40.00	[Land Details]
22	23S	30E	B		40.00	[Land Details]
			C		40.00	[Land Details]
			D		40.00	[Land Details]
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			F		40.00	[Land Details]
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			K		40.00	[Land Details]
			L		40.00	[Land Details]
			M		40.00	[Land Details]
			N		40.00	[Land Details]
			O		40.00	[Land Details]
			P		40.00	[Land Details]

**Brooks, David K., EMNRD**

---

**From:** Brooks, David K., EMNRD  
**Sent:** Monday, October 05, 2009 9:40 AM  
**To:** 'jamesbruc@aol.com'  
**Subject:** BOPCO, LP James Ranch Unit #106H: NSL Application

Dear Jim

The referenced exception was approved on September 30, 2009 by Order NSL-6092.

Please note that NMOCD will no longer mail originals of administrative orders. Copies of the signed orders may be obtained from the Division's website.

Sincerely  
David K. Brooks  
Legal examiner