

04 June 07 DATE IN	SUSPENSE	D. Catanach ENGINEER	05 June 07 LOGGED IN	NSL TYPE	PCLP 0715630153 APP NO.
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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



5629

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.

PHYLLIS A. EDWARDS
Print or Type Name

Phyllis A. Edwards
Signature

REGULATORY ANALYST
Title

5-30-07
Date

432-685-4340

pedwards@conchoresources.com
e-mail Address

RECEIVED

JUN 04 2007

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Urd.

**Electra Federal #13
Eddy County, NM
API #: 30-015-37473**

COG is requesting to **vertically** drill a North ½, SW/4 40 acre spacing
Loco Hills; Glorieta Yeso oil well
TD of approximately 6000'

Non-standard Location:
1741' FNL & 1060' FWL Sec 10, T17S, R30E, Unit E

This well had to be staked at a non-standard location at the
Bureau of Land Management's request to preserve sand dunes.

The plan for this well is to complete it in the Yeso formation.
We won't know the exact perms until we drill & log it, but it will be very similar to
the Electra Federal #10 which was recently drilled in January 2007 and is located
765' FSL 2310' FWL, Section 10, T17S, R30E, Unit N.

The Electra Federal #10 completion divided the Yeso up into 3 perf/stimulation
intervals. At this time, we believe the Electra Federal #13 should be very similar.

Electra Federal #10 has perms from: 4920' – 5848.5' overall, with the following
breakdown:

1st interval: 5567' – 5848.5',
acidized w/ 2500 gals,
frac'd w/ 95,103 gals gel, 8321# LiteProp, & 85,970# 16/30 sand.

2nd interval: 5192.5' – 5475.5',
acidized w/ 2500 gals,
frac'd w/ 97,107 gals gel, 8215# LiteProp, & 87,106# 16/30 sand.

3rd interval: 4920' – 5107',
acidized w/ 2500 gals,
frac'd w/ 94,099 gals gel, 8448# LiteProp, & 87,526# 16/30 sand.

Attachment 1

Approved permit & plat
Plat showing Electra Federal #13 topography

Attachment 2

Map & legend of offset wells.

Attachment 3

Updated land plat showing that COG Operating LLC owns the N/2 of Section 10.
The acreage we are encroaching on is the SE/4 of the NW/4 of Section 10.

COG Operating LLC respectfully requests permission to have this NSL approved.

Form 3160
(April 1994)

OCD-ARTESIA

Month - Year
MAR - 8 2007
OCD - ARTESIA, NM

ATS-07-174

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

5. Lease Serial No.

NM-074935

NM 467931

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.

Electra Federal #13

302483

9. API Well No.

30-015-37473

1a. Type of work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone

2. Name of Operator

COG Operating LLC

ROSWELL CONTROLLED WATER BASIN

3a. Address

550 W. Texas, Suite 1300 Midland, TX 79701

3b. Phone No. (include area code)

(505)685-4372

4. Location of Well (Report location clearly and in accordance with any State requirements*)

At surface 1741 FNL & 1060 FWL

At proposed prod. zone 1650 FNL & 990 FWL

10. Field and Pool, or Exploratory

Loco Hills; Glorietta Yeso

11. Sec., T. R. M. or Blk. and Survey or Area

Sec 10 T17S R30E

14. Distance in miles and direction from nearest town or post office*

2 miles north of Loco Hills, NM

12. County or Parish

Eddy

13. State

NM

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) 330

16. No. of acres in lease

640

17. Spacing Unit dedicated to this well

40

18. Distance from proposed*
location to nearest well, drilling, completed,
applied for, on this lease, ft. 660

19. Proposed Depth

6000

20. BLM/BIA Bond No. on file

NMB000215

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

3718' GR

22. Approximate date work will start*

1/22/06

23. Estimated duration

12 days

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.

2. A Drilling Plan.

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).

5. Operator certification

6. Such other site specific information and/or plans as may be required by the
authorized officer.

25. Signature

Jerry W. Sherrell

Name (Printed/Typed)

Jerry W. Sherrell

Date

12/22/06

Title

Production Clerk

Approved by (Signature)

/s/ James Stovall

Name (Printed/Typed)

/s/ James Stovall

Date

MAR 07 2007

Title

ACTING FIELD MANAGER

Office

CARLSBAD FIELD 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.

APPROVAL FOR 1 YEAR

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)

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
AND SPECIAL STIPULATIONS
ATTACHED

If earthen pits are used in
association with the drilling of this
well, an OCD pit permit must be
obtained prior to pit construction.

DISTRICT I
1825 N. FRENCH DR., ROBBIE, NM 86240

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 87506

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-37473	Pool Code 96718	Pool Name Loco Hills; Glorieta-Yeso
Property Code 302483	Property Name ELECTRA FEDERAL	Well Number 13
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3718'

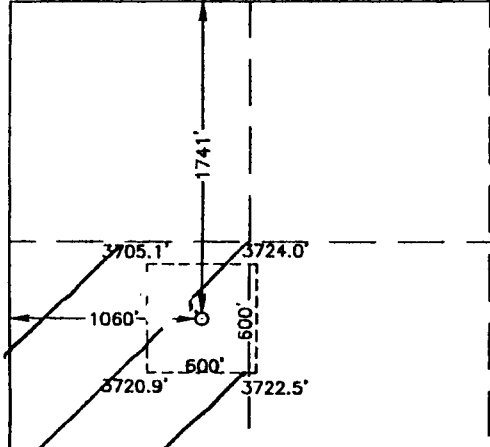
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	10	17-S	30-E		1741	NORTH	1060	WEST	EDDY

Bottom Hole Location If Different From Surface

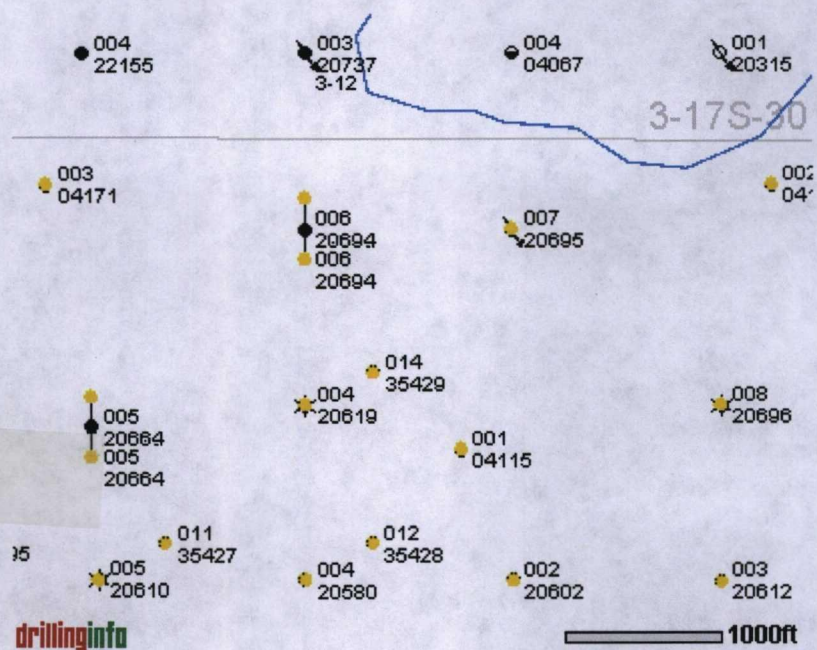
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40		Joint or Infill		Consolidation Code		Order No.			

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

 <p>1741' 3705.1' 1060' 3720.9' 3724.0' 600' 3722.5'</p>	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=673640.9 N X=613297.6 E</p> <p>LAT.=32.851379° N LONG.=103.964402° W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jerry W. Sherrell</i> 12/22/06 Signature Date</p> <p>Jerry W. Sherrell Printed Name</p> <p>SURVEYOR CERTIFICATION</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>NOVEMBER 15, 2006</p> <p>Date Surveyed LA</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>Gary Edson</i> 12/27/06 06.11.1791</p> <p>Certificate No. GARY EDSON 12641</p>
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Southern New Mexico Archaeological Services, Inc.



Offset Wells to Electra Federal #13

API#	Company	Current Lease Name	Well Name	Well#	County	Legal	Depth	status	wellType	Spud Date
30-015-04115	CBS OPERATING CORPORATION	FEDERAL R	FEDERAL R 001	001	EDDY	S:10, T:17S, R:30E		Active	O	
30-015-04170	CBS OPERATING CORPORATION	FEDERAL R	FEDERAL R 002	002	EDDY	S:10, T:17S, R:30E		Active	O	
30-015-04171	CBS OPERATING CORPORATION	FEDERAL R	FEDERAL R 003	003	EDDY	S:10, T:17S, R:30E		Active	O	
30-015-22018	CBS OPERATING CORPORATION	FEDERAL R	FEDERAL R 006	006	EDDY	S:10, T:17S, R:30E		Active	O	10/02/1988
30-015-20580	CBS OPERATING CORPORATION	LOCO HILLS A FEDERAL	LOCO HILLS A FEDERAL 004	004	EDDY	S:10, T:17S, R:30E		Active	O	04/17/1976
30-015-20602	SOUTHLAND ROYALTIES INC		PARKE FEDERAL 002	002	EDDY	S:10, T:17S, R:30E	0	Pumping	I	09/06/1976
30-015-20610	CBS OPERATING CORPORATION	LOCO HILLS A FEDERAL	LOCO HILLS A FEDERAL 005	005	EDDY	S:10, T:17S, R:30E	0	Flowing	G	10/28/1976
30-015-20612	SOUTHLAND ROYALTIES INC		PARKE FEDERAL 003	003	EDDY	S:10, T:17S, R:30E	0	Pumping	O	11/08/1976
30-015-20695	CBS OPERATING CORPORATION	FEDERAL R	FEDERAL R 007	007	EDDY	S:10, T:17S, R:30E		Injection Well	I	06/23/1977
30-015-20619	CBS OPERATING CORPORATION	FEDERAL R	FEDERAL R 004	004	EDDY	S:10, T:17S, R:30E		Flowing	G	11/30/1976
30-015-20620	CBS OPERATING CORPORATION	FEDERAL R	FEDERAL R 005	005	EDDY	S:10, T:17S, R:30E		Active	O	01/24/1977
30-015-20696	CBS OPERATING CORPORATION	FEDERAL R	FEDERAL R 008	008	EDDY	S:10, T:17S, R:30E		Flowing	G	07/21/1977
30-015-20664			PRE-ONGARD WELL 005	005	EDDY	S:10, T:17S, R:30E		Unknown	PO	03/11/1977
30-015-20694	ROGER C HANKS	PRE-ONGARD WELL	PRE-ONGARD WELL 006	006	EDDY	S:10, T:17S, R:30E		Active Permit	PO	
30-015-35427	COG OPERATING LLC	ELECTRA FEDERAL	ELECTRA FEDERAL 011	011	EDDY	S:10, T:17S, R:30E	6000	Active Permit	PO	
30-015-35428	COG OPERATING LLC	ELECTRA FEDERAL	ELECTRA FEDERAL 012	012	EDDY	S:10, T:17S, R:30E	6000	Active Permit	PO	
30-015-35429	COG OPERATING LLC	ELECTRA FEDERAL	ELECTRA FEDERAL 014	014	EDDY	S:10, T:17S, R:30E	6000	Active Permit	PO	
30-015-37473			ELECTRA FEDERAL 013	013	EDDY	S:10, T:17S, R:30E		Active	O	

