

30-025-40228

HOBBS OCD

AUG 10 2011

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SURFACE USE AND OPERATING PLAN

1. Existing & Proposed Access Roads

- A. The well site survey and elevation plat for the proposed well is shown in Exhibit #1. It was staked by John West Engineering, Hobbs, NM.
- B. All roads to the location are shown in the topographic map Exhibit #2. The existing lease roads are illustrated and are adequate for travel during drilling and production operations. Upgrading existing roads prior to drilling the well will be done where necessary.
- C. Directions to location: From the intersection of County Road #L-126 (Maljamar Road) and Conoco Road, go North on Maljamar Road approx 0.4 mile. Turn right and go east on lease road for approx. 0.2 mile. Turn right and go south approx. 0.1 mile, location is approx. 200 feet south. See Vicinity Map, Exhibit #3.
- D. Routine grading and maintenance of existing roads will be conducted as necessary to maintain their condition as long as any operations continue on this lease. Roads will be maintained according to specifications in section 2A of this Surface Use and Operating Plan.

2. Proposed Access Road:

Exhibit #4 shows that 0' of new access road will be required for this location. If any road is required it will be constructed as follows:

- A. The maximum width of the running surface will be 14'. The road will be crowned, ditched and constructed of 6" rolled and compacted caliche. Ditches will be at 3:1 slope and 4 feet wide. Water will be diverted where necessary to avoid ponding, prevent erosion, maintain good drainage, and to be consistent with local drainage patterns.
- B. The average grade will be less than 1%.
- C. No turnouts are planned.
- D. No culverts, cattle guard, gates, low water crossings or fence cuts are necessary.
- E. Surfacing material will consist of native caliche. Caliche will be obtained from the actual well site if available. If not available onsite, caliche will be hauled from the nearest BLM caliche pit.

3. Location of Existing Well:

Exhibit #5 shows all existing wells within a one-mile radius of this well.

As shown on this plat there are numerous wells producing from the San Andres and Yeso formations.

4. Location of Existing and/or Proposed Facilities:

- A. COG Operating LLC does operate a production facility on this lease.
- B. If the well is productive, contemplated facilities will be as follows:
 - 1) Production will be sent to the M C Federal Tank Battery located at the M C Federal #3 well location @ 2160 FNL & 2310 FWL, Section 21, T17S, R32E, UL F. The facility location is shown in Exhibit #5.
 - 2) The tank battery and facilities including all flow lines and piping will be installed according to API specifications.
 - 3) Any additional caliche will be obtained from the actual well site. If caliche does not exist or is not plentiful from the well site, the caliche will be hauled from a BLM approved caliche pit. Any additional construction materials will be purchased from contractors.
 - 4) Proposed flow lines, will follow an archaeologically approved route to the M C Federal Tank Battery located at the M C Federal #3 well location @ 2160 FNL & 2310 FWL, Section 21, T17S, R32E, UL F. The flowline will be SDR 7 3" poly line laid on the surface and will be approximately 4400' in length with max pressure 100 psi. Flowlines will be no more than 11' from the paralleling road or existing production flowlines.
 - 5) It will be necessary to run electric power if this well is productive. Power will be provided by CVE and they will submit a separate plan and ROW for service to the well location.
 - 6) If the well is productive, rehabilitation plans will include the following:
 - a) The original topsoil from the well site will be returned to the location, and the site will be re-contoured as close as possible to the original site.

5. Location and Type of Water Supply:

The well will be drilled with combination brine and fresh water mud system as outlined in the drilling program. The water will be obtained from commercial water stations in the area and hauled to location by transport truck over the existing and proposed access roads shown in Exhibit #2. If a

commercial fresh water source is nearby, fast line may be laid along existing road ROW's and fresh water pumped to the well. No water well will be drilled on the location.

6. Source of Construction Materials and Location "Turn-Over" Procedure:

Obtaining caliche: The primary way of obtaining caliche to build locations and roads will be by "turning over" the location. This means, caliche will be obtained from the actual well sight. A caliche permit will be obtained from BLM prior to pushing up any caliche. 2400 cu. Yards is max amount of caliche needed for pad and roads. Amount will vary for each pad. The procedure below has been approved by BLM personnel:

- A. The top 6 inches of topsoil is pushed off and stockpiled along the side of the location.**
- B. An approximate 120' X 120' area is used within the proposed well site to remove caliche.**
- C. Subsoil is removed and piled along side the 120' by 120' area within the pad site.**
- D. When caliche is found, material will be stock piled within the pad site to build the location and road.**
- E. Then subsoil is pushed back in the hole and caliche is spread accordingly across entire location and road.**
- F. Once well is drilled, the stock piled top soil will be used for interim reclamation and spread along areas where caliche is picked up and the location size is reduced. Neither caliche or subsoil will be stock piled outside of the well pad. Topsoil will be stockpiled along the edge of the pad as depicted in attached plat.**

In the event that no caliche is found onsite, caliche will be hauled in from a BLM approved caliche pit.

7. Methods of Handling Water Disposal:

- A. The well will be drilled utilizing a closed loop mud system. Drill cuttings will be held in roll-off style mud boxes and taken to an NMOCD approved disposal site.**
- B. Drilling fluids will be contained in steel mud pits.**
- C. Water produced from the well during completion will be held temporarily in steel tanks and then taken to an NMOCD approved commercial disposal facility.**
- D. Garbage and trash produced during drilling or completion operations will be collected in a trash bin and hauled to an approved landfill. No toxic waste or hazardous chemicals will be produced by this operation.**

- E. After the rig is moved out and the well is either completed or abandoned, all waste materials will be cleaned up within 30 days. In the event of a dry hole only a dry hole marker will remain.

8. Ancillary Facilities:

No airstrip, campsite or other facilities will be built as a result of the operation on this well.

9. Well Site Layout:

- A. The drill pad layout, with elevations staked by John West Engineering, is shown in Exhibit #4. Dimensions of the pad and pits are shown on Exhibit #6. V door direction is East. Topsoil, if available, will be stockpiled per BLM specifications. Because the pad is almost level no major cuts will be required.
- B. Exhibit #6 also shows the proposed orientation of closed loop system and access road. No permanent living facilities are planned, but a temporary foreman/toolpusher's trailer will be on location during the drilling operations.

10. Plans for Restoration of the Surface:

- A. Interim Reclamation will take place after the well has been completed. The pad will be downsized by reclaiming the areas not needed for production operations. The portions of the pad that are not needed for production operations will be recontoured to its original state as much as possible. The caliche that is removed will be reused to either build another pad site or for road repairs within the lease. The stockpiled topsoil will then be spread out reclaimed area and reseeded with a BLM approved seed mixture. In the event that the well must be worked over or maintained, it may be necessary to drive, park, and/or operate machinery on reclaimed land. This area will be repaired or reclaimed after work is complete. Pad will be approx. 200'X250' when reclaimed.
- B. Final Reclamation: Upon plugging and abandoning the well, All caliche for well pad and lease road will be removed and surface will be recontoured to reflect its surroundings as much as possible. Caliche will be recycled for road repair or reused for another well pad within the lease. If any topsoil remains, it will be spread out and the area will be re-seeded with a BLM approved mixture and revegetated as per BLM orders.

11.Surface Ownership:

- A. The surface is owned by the U.S. Government and is administered by the Bureau of Land Management. The surface is multiple uses with the primary uses of the region for grazing of livestock and the production of oil and gas.
- B. The surface tenant for this site is Olane Caswell, 1702 Gillham, Brownfield, TX 79316.
- C. The proposed road routes and surface location will be restored as directed by the BLM

12.Other Information:

- A. The area around the well site is grassland and the topsoil is sandy. The vegetation is moderately sparse with native prairie grasses, some mesquite and shinnery oak. No wildlife was observed but it is likely that mule deer, rabbits, coyotes and rodents traverse the area.
- B. There is no permanent or live water in the immediate area.
- C. There are no dwellings within 2 miles of this location.
- D. If needed, a Cultural Resources Examination is being prepared by Southern New Mexico Archaeological Services, Inc. P.O. Box 1, Bent New Mexico, 88314, phone # 505-671-4797 and the results will be forwarded to your office in the near future. Otherwise, **COG will be participating in the Permian Basin MOA Program.**

*Surface Use Plan
COG Operating, LLC
M C Federal 69
2547' FNL 1098' FWL
Section 22, T-17-S, R-32-E, UL E
Lea County, New Mexico*

13. Bond Coverage:

Bond Coverage is Nationwide Bond # 000215

14. Lessee's and Operator's Representative:

The COG Operating LLC representative responsible for assuring compliance with the surface use plan is as follows:

John Coffman,

Drilling Superintendent

COG Operating LLC

550 W. Texas, Suite 1300

Midland, TX 79701

Phone (432) 683-7443 (office)

(432) 631-9762 (cell)

Erick Nelson.

Division Operations Manager

COG Operating LLC

550 W. Texas, Suite 1300

Midland, TX 79701

Phone (505) 746-2210 (office)

(432) 238-7591 (cell)

Surface Use Plan
COG Operating, LLC
MC Federal 69
2547' FNL 1098' FWL
Section 22, T-17-S, R-32-E, UL E
Lea County, New Mexico

I hereby certify that I, or persons under my direct supervision, have inspected the drill site and access road proposed herein; that I am familiar with the conditions that presently exist; that I have full knowledge of State and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or COG Operating, LLC, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements. Executed this 21st day of April, 2011.

Signed: Carl Bird

Printed Name: Carl Bird

Position: Drilling Engineer

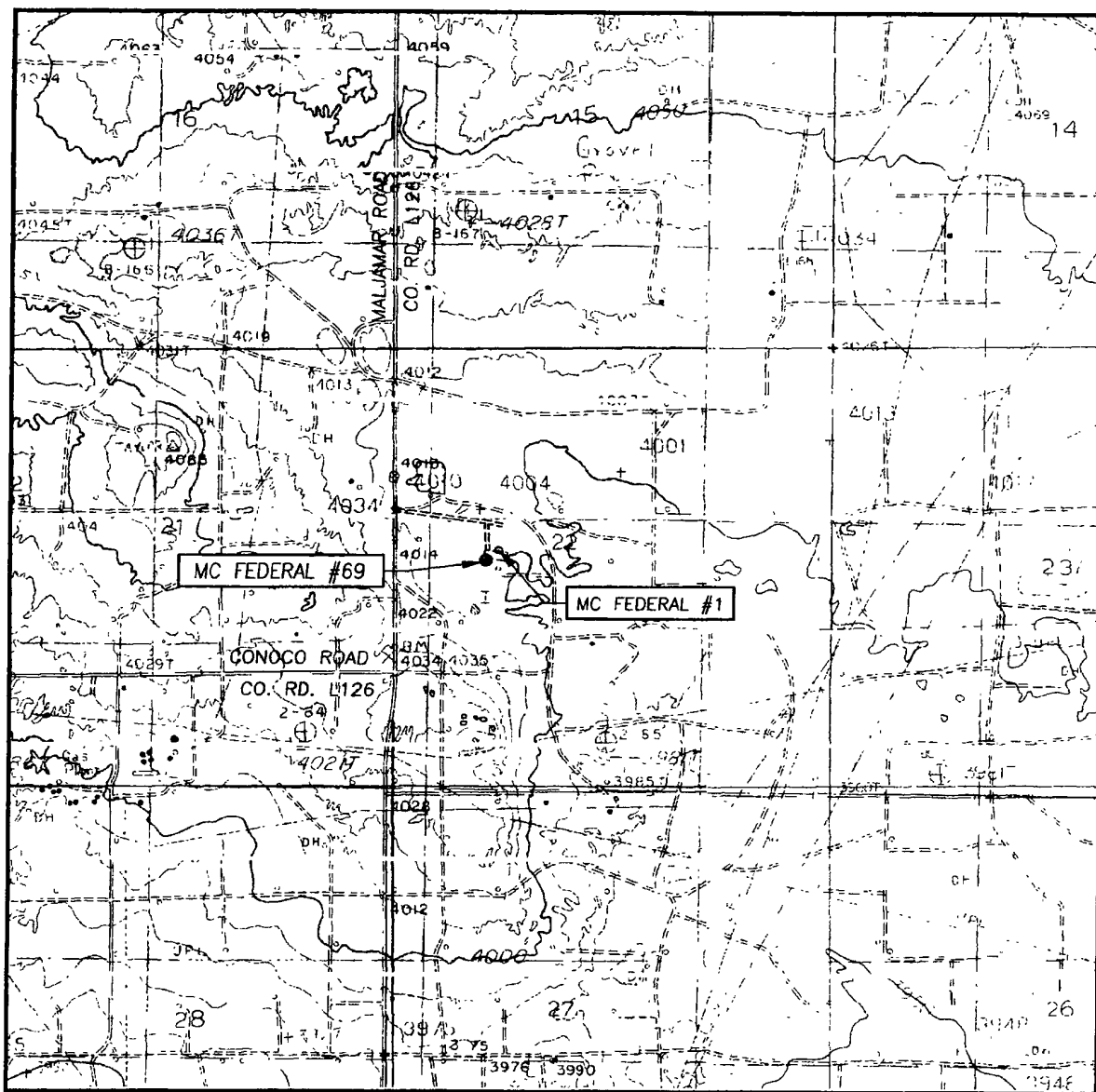
Address: 550 W. Texas, Suite 1300, Midland, Texas 79701

Telephone: (432) 683-7443

Field Representative (if not above signatory): Same

E-mail: cbird@conchoresources.com

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
MALJAMAR, N.M. - 10'

SEC. 22 TWP. 17-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

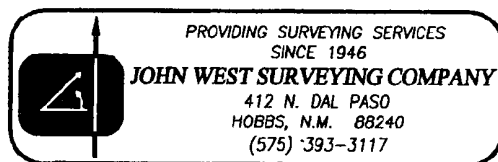
DESCRIPTION 2547' FNL & 1098' FWL

ELEVATION 4006'

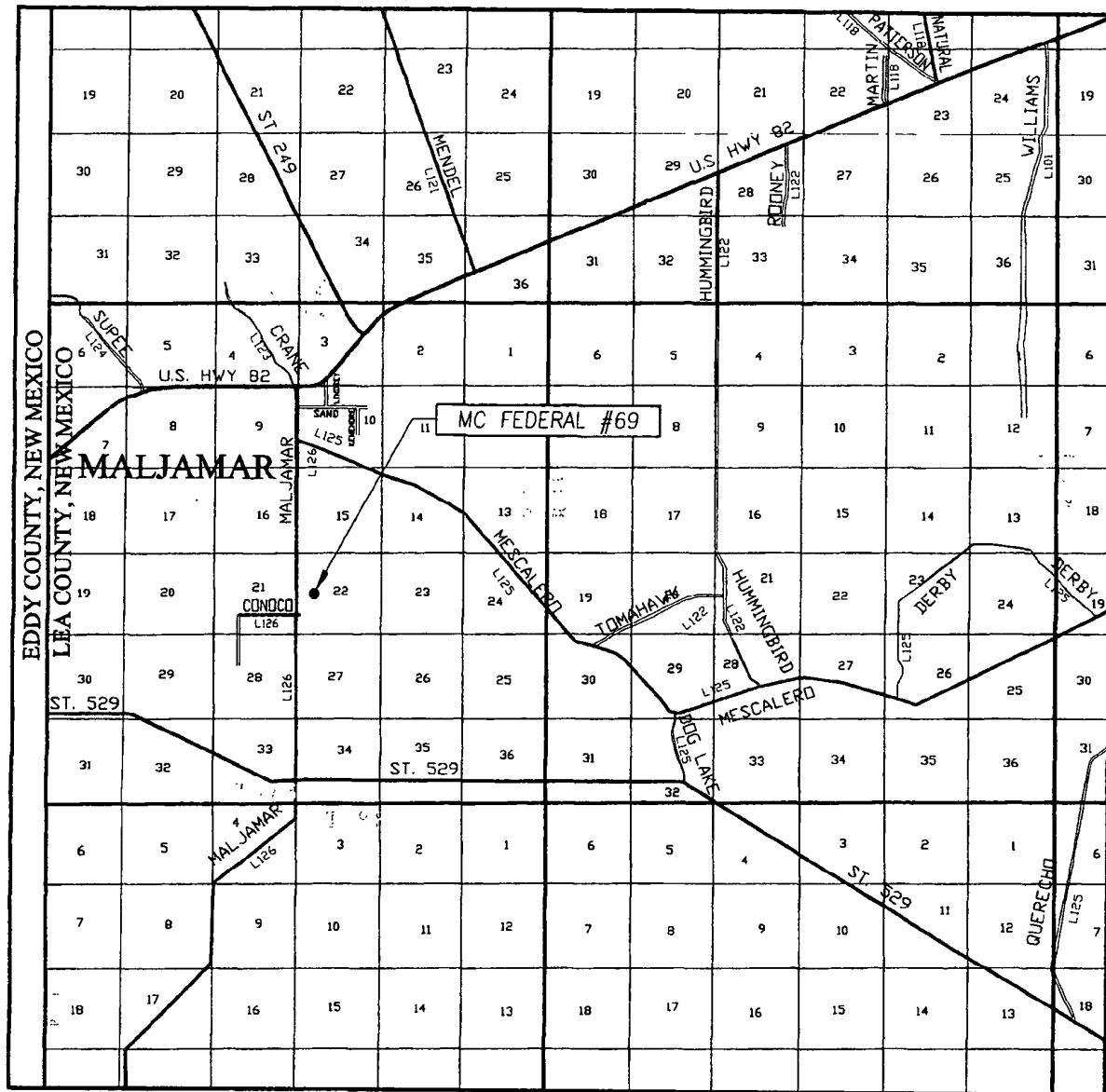
OPERATOR COG OPERATING, INC.

LEASE MC FEDERAL

U.S.G.S. TOPOGRAPHIC MAP
MALJAMAR, N.M.



VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 22 TWP. 17-S RGE. 32-E

SURVEY N.M.P.M.

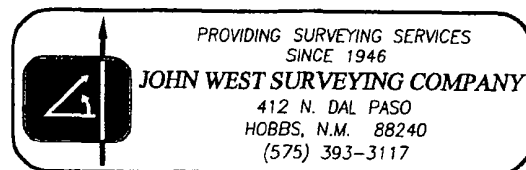
COUNTY LEA STATE NEW MEXICO

DESCRIPTION 2547' FNL & 1098' FWL

ELEVATION 4006'

OPERATOR COG OPERATING, LLC

LEASE MC FEDERAL



Offset wells to MC Federal #69

API#	Operator	County	Legal	Lease	Well#	Date Issued	Permitted Depth	Permit TVD	Images	Doc	Total Depth	Well Type	Well Status	Permit#
30-025-40096	COG OPERATING LLC	LEA	S 21, T 17S, R:32E	MC FEDERAL	057	3/21/2011	7,247	7,200	Yes	link	7,247	PO	Active Permit	TEMP1454922003
30-025-40025	CIMAREX ENERGY CO. OF COLORADO	LEA	S:16, T:17S, R:32E	JG STATE	013	1/21/2011	7,000		Yes	link	7,000	PO	Active Permit	TEMP1902536835
30-025-39962	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	50	11/24/2010	7,000		Yes	link	7,000	PO	Active Permit	TEMP1975685329
30-025-39952	COG OPERATING LLC	LEA	S:16, T:17S, R:32E	LEAKER CC STATE	026	11/16/2010	7,100		Yes	link	7,100	PO	Active Permit	TEMP645578126
30-025-39929	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	47	9/30/2010	7,100		Yes	link	7,100	PO	Active Permit	TEMP1031140403
30-025-39930	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	54	9/30/2010	7,231	7,200	Yes	link	7,231	PO	Active Permit	TEMP457711824
30-025-39859	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	41	7/29/2010	7,100		Yes	link	7,100	PO	Active Permit	TEMP927743254
30-025-39860	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	50	7/29/2010	7,115	7,100	Yes	link	7,115	PO	Active Permit	TEMP22645275
30-025-39861	COG OPERATING LLC	LEA	S 22, T:17S, R:32E	JC FEDERAL	52	7/29/2010	7,100		Yes	link	7,100	PO	Active Permit	TEMP1685469248
30-025-39862	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	53	7/29/2010	7,206	7,200	Yes	link	7,206	PO	Active Permit	TEMP2065032522
30-025-39863	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	55	7/29/2010	7,100		Yes	link	7,100	PO	Active Permit	TEMP1500915518
30-025-39864	COG OPERATING LLC	LEA	S:21, T 17S, R:32E	MC FEDERAL	61	7/29/2010	7,000		Yes	link	7,000	PO	Active Permit	TEMP1315265689
30-025-39873	COG OPERATING LLC	LEA	S:22, T 17S, R:32E	JC FEDERAL	48	7/29/2010	7,100		Yes	link	7,100	PO	Active Permit	TEMP592406007
30-025-39874	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	51	7/29/2010	7,211	7,200	Yes	link	7,211	PO	Active Permit	TEMP489061794
30-025-39875	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	55	7/29/2010	7,232	7,200	Yes	link	7,232	PO	Active Permit	TEMP122013615
30-025-39876	COG OPERATING LLC	LEA	S 21, T:17S, R:32E	MC FEDERAL	59	7/29/2010	7,213	7,200	Yes	link	7,213	PO	Active Permit	TEMP1026929348
30-025-39877	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	60	7/29/2010	7,221	7,200	Yes	link	7,221	PO	Active Permit	TEMP1375310993
30-025-39849	CONOCOPHILLIPS COMPANY	LEA	S:16, T:17S, R:32E	AQUAMARINE STATE	1	7/27/2010	7,200		Yes	link	7,200	PO	Active Permit	TEMP1225563061
30-025-39850	CONOCOPHILLIPS COMPANY	LEA	S 16, T 17S, R 32E	AQUAMARINE STATE	2	7/27/2010	7,200		Yes	link	6,979	O	Active Permit	TEMP1413704956
30-025-39820	CONOCOPHILLIPS COMPANY	LEA	S:16, T:17S, R 32E	TOURMALINE STATE	1	7/13/2010	7,200		Yes	link	7,200	PO	Active Permit	TEMP579932636
30-025-39821	CONOCOPHILLIPS COMPANY	LEA	S:16, T 17S, R 32E	TOURMALINE STATE	2	7/13/2010	7,200		Yes	link	7,200	PO	Active Permit	TEMP1693979859
30-025-39816	CIMAREX ENERGY CO. OF COLORADO	LEA	S 16, T:17S, R:32E	JG STATE	001	7/7/2010			Yes	link	7,035	O	Active Permit	TEMP1096961691
30-025-39760	COG OPERATING LLC	LEA	S:16, T:17S, R 32E	LEAKER CC STATE	30	6/1/2010	7,100		Yes	link	7,100	PO	Active Permit	TEMP398179888
30-025-39761	COG OPERATING LLC	LEA	S 16, T 17S, R 32E	LEAKER CC STATE	31	6/1/2010	7,100		Yes	link	7,100	PO	Active Permit	TEMP741314086
30-025-39682	COG OPERATING LLC	LEA	S 16, T:17S, R:32E	EDWARD STATE	008	2/16/2010	7,000		Yes	link	7,016	O	Active Permit	TEMP1346752607
	COG OPERATING													

30-025-39684	LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	42	2/9/2010	7,100		Yes	link	7,100	PO	Active Permit	TEMP1728815449
30-025-39627	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	56	12/24/2009	7,000		Yes	link	7,000	PO	Active Permit	TEMP1772357338
30-025-39629	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	65	12/22/2009	7,000		Yes	link	7,000	PO	Active Permit	TEMP1150510647
30-025-39620	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	47	12/18/2009	7,100		Yes	link	7,100	PO	Active Permit	TEMP445636872
30-025-39616	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	45	12/12/2009	7,110	7,100	Yes	link	7,124	O	Active Permit	TEMP93534254
30-025-39617	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	46	12/12/2009	7,100		Yes	link	7,140	O	Active Permit	TEMP337248874
30-025-39619	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	45	12/11/2009	7,000		Yes	link	7,010	O	Active Permit	TEMP1948456319
30-025-39614	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	JC FEDERAL	36	12/9/2009	7,100		Yes	link	7,146	O	Active Permit	TEMP687570111
30-025-39615	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	44	12/9/2009	7,000		Yes	link	7,018	O	Active Permit	TEMP2121420836
30-025-39618	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	MC FEDERAL	43	12/9/2009	7,000		Yes	link	7,028	O	Active Permit	TEMP365054142
30-025-39542	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	JC FEDERAL	34	10/2/2009	7,000		Yes	link	6,995	O	Active Permit	TEMP1647500050
30-025-39506	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	JC FEDERAL	35	8/23/2009	7,100		Yes	link	7,107	O	Active Permit	TEMP466223592
30-025-39499	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	49	8/12/2009	7,000		Yes	link	7,000	PO	Active Permit	TEMP1850613653
30-025-39482	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	48	7/22/2009	7,100		Yes	link	7,100	PO	Active Permit	TEMP643842244
30-025-39480	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	J C FEDERAL	49	7/22/2009	7,000		Yes	link	7,027	O	Active Permit	TEMP1002475312
30-025-39481	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	J C FEDERAL	51	7/22/2009	7,158	7,150	Yes	link	7,158	PO	Active Permit	TEMP763187699
30-025-39479	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	J C FEDERAL	40	7/22/2009	7,000		Yes	link	7,036	O	Active Permit	TEMP1635537803
30-025-39478	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	39	7/16/2009	7,000		Yes	link	7,025	O	Active Permit	TEMP688910554
30-025-39424	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	41	5/20/2009	7,050		Yes	link	7,041	O	Active Permit	TEMP2056688917
30-025-39426	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	M C FEDERAL	53	5/20/2009	7,100		Yes	link	7,115	O	Active Permit	TEMP1621420848
30-025-39410	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA UNIT	473	5/19/2009	4,187		Yes	link	4,187	PO	Active Permit	TEMP1150882746
30-025-39409	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA UNIT	472	5/19/2009	4,183		Yes	link	4,183	PO	Active Permit	TEMP1102978552
30-025-39408	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA UNIT	468	5/19/2009	4,253		Yes	link	4,253	PO	Active Permit	TEMP359189379
30-025-39477	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	38	5/7/2009	7,100		Yes	link	7,110	O	Active Permit	TEMP1435714305
30-025-39389	COG OPERATING LLC	LEA	S:16, T:17S, R:32E	LEAKER CC STATE	029	4/14/2009	7,000		Yes	link	7,018	O	Active Permit	TEMP1285897364
30-025-39348	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA	471	2/23/2009	4,332		Yes	link	4,260	O	Active Permit	TEMP1186432366
30-025-39293	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	M C FEDERAL	39	12/4/2008	7,000		Yes	link	7,040	O	Active Permit	TEMP824449334
30-025-39291	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	J C FEDERAL	33	12/4/2008	7,000		Yes	link	7,015	O	Active Permit	TEMP1916725746
30-025-39257	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	SC FEDERAL	4	11/13/2008	7,359	7,350	Yes	link	7,359	PO	Active Permit	TEMP610735427
	COG OPERATING													

30-025-39259	LLC	LEA	S:22, T:17S, R:32E	S C FEDERAL	6	11/13/2008	7,409	7,400	Yes	link	7,409	PO	Active Permit	TEMP44300434
30-025-39260	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	S C FEDERAL	3	11/13/2008	7,350		Yes	link	7,350	PO	Active Permit	TEMP1269299214
30-025-39258	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	S C FEDERAL	5	11/13/2008	7,423	7,400	Yes	link	7,423	PO	Active Permit	TEMP1832250316
30-025-39247	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	27	10/3/2008	7,300		Yes	link	7,040	O	Active Permit	TEMP994102013
30-025-39165	COG. OPERATING, L.L.C. or COG OPERATING LLC	LEA	S:22, T:17S, R:32E	J C FEDERAL	024	9/12/2008	7,100		Yes	link	7,148	O	Active Permit	TEMP389154329
30-025-39169	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	J C FEDERAL	31	8/26/2008	7,300		Yes	link	7,135	O	Active Permit	TEMP790422455
30-025-39167	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	J C FEDERAL	029	8/26/2008	7,100		Yes	link	7,134	O	Active Permit	TEMP1719227693
30-025-39168	COG. OPERATING, L.L.C. or COG OPERATING LLC	LEA	S:21, T:17S, R:32E	J C FEDERAL	030	8/26/2008	7,100		Yes	link	7,120	O	Active Permit	TEMP1801822824
30-025-39170	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	J C FEDERAL	32	8/19/2008	7,400		Yes	link	7,315	O	Active Permit	TEMP335332569
30-025-39166	COG. OPERATING, L.L.C. or COG OPERATING LLC	LEA	S:22, T:17S, R:32E	J C FEDERAL	28	8/19/2008	7,350		Yes	link	7,123	O	Active Permit	TEMP1986620483
30-025-39060	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	J C FEDERAL	26	7/24/2008	7,000		Yes	link	7,010	O	Active Permit	TEMP2124241763
30-025-39059	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	JC FEDERAL	25	7/24/2008	7,000		Yes	link	7,017	O	Active Permit	TEMP203574730
30-025-39058	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	30	7/24/2008	7,000	7,000	Yes	link	7,030	O	Active Permit	TEMP1754268878
30-025-39164	COG. OPERATING, L.L.C. or COG OPERATING LLC	LEA	S:22, T:17S, R:32E	J C FEDERAL	23	7/18/2008	7,100		Yes	link	7,119	O	Active Permit	TEMP327205207
30-025-39002	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	M C FEDERAL	34	6/13/2008	7,000		Yes	link	7,033	O	Active Permit	TEMP1483495478
30-025-39001	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	M C FEDERAL	33	6/13/2008	7,000		Yes	link	7,138	O	Active Permit	TEMP740843613
30-025-39000	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	M C FEDERAL	32	6/11/2008	7,012	7,000	Yes	link	7,042	O	Active Permit	TEMP1271478280
30-025-38995	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	19	6/11/2008	7,000	7,000	Yes	link	7,042	O	Active Permit	TEMP1204638719
30-025-38996	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	27	6/11/2008	7,000	7,000	Yes	link	7,012	O	Active Permit	TEMP769109459
30-025-38997	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	28	6/11/2008	7,000	7,000	Yes	link	7,013	O	Active Permit	TEMP1618626891
30-025-38999	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	MC FEDERAL	31	6/11/2008	7,000	7,000	Yes	link	7,050	O	Active Permit	TEMP115271648
30-025-39089	COG OPERATING L L C or COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	22	6/11/2008	7,000	7,000	Yes	link	7,025	O	Active Permit	TEMP1545500323
30-025-39087	COG OPERATING L L C or COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	20	6/10/2008	7,000	7,000	Yes	link	7,048	O	Active Permit	TEMP934917499
30-025-39088	COG OPERATING L L C or COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	21	6/10/2008	7,000	7,000	Yes	link	7,015	O	Active Permit	TEMP1939250375
30-025-39430	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA UNIT	466	5/22/2008	4,229		Yes	link	4,229	PO	Active Permit	TEMP219020864
30-025-38838	COG OPERATING LLC	LEA	S:16, T:17S, R:32E	LEAKER CC STATE	015	4/2/2008	7,000		Yes	link	7,000	O	Active Permit	TEMP111380745

30-025-38836	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	16	3/26/2008	7,100		Yes	link	6,961	O	Active Permit	TEMP1172809730
30-025-38830	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	18	3/25/2008	7,100		Yes	link	7,007	O	Active Permit	TEMP1862436265
30-025-38832	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	25	3/25/2008	7,000		Yes	link	7,027	O	Active Permit	TEMP1216714909
30-025-38833	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	26	3/25/2008	7,000		Yes	link	7,035	O	Active Permit	TEMP1627578823
30-025-38831	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	17	3/25/2008	7,100		Yes	link	7,046	O	Active Permit	TEMP566866382
30-025-38776	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	17	2/14/2008	7,400		Yes	link	7,039	O	Active Permit	TEMP1713069490
30-025-38733	COG OPERATING LLC	LEA	S:16, T:17S, R:32E	LEAKER CC STATE	012	2/5/2008	7,000		Yes	link	7,016	O	Active Permit	TEMP1718758840
30-025-38735	COG OPERATING LLC	LEA	S:16, T:17S, R:32E	LEAKER CC STATE	014	2/5/2008	7,000		Yes	link	7,020	O	Active Permit	TEMP577240801
30-025-38730	COG OPERATING LLC	LEA	S:16, T:17S, R:32E	EDWARD STATE	004	2/4/2008	7,000		Yes	link	7,025	O	Active Permit	TEMP1069138252
30-025-38740	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	MC FEDERAL	19	2/2/2008	7,400		Yes	link	6,952	O	Active Permit	TEMP1225915053
30-025-38738	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	14	2/1/2008	7,400		Yes	link	7,015	O	Active Permit	TEMP654854095
30-025-38728	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	18	1/25/2008	7,350		Yes	link	7,350	PO	Active Permit	TEMP104700395
30-025-38731	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	10	1/25/2008	7,400		Yes	link	7,400	PO	Active Permit	TEMP1815225902
30-025-38715	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	22	1/21/2008	7,400		Yes	link	6,920	O	Active Permit	TEMP1144979070
30-025-38716	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	23	1/21/2008	7,400		Yes	link	6,999	O	Active Permit	TEMP1862679703
30-025-38695	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	11	1/11/2008	7,400		Yes	link	7,023	O	Active Permit	TEMP1474189616
30-025-38697	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	13	1/11/2008	7,400		Yes	link	7,035	O	Active Permit	TEMP588817017
30-025-38698	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	14	1/11/2008	7,400		Yes	link	7,004	O	Active Permit	TEMP7589227
30-025-38699	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	15	1/11/2008	7,400		Yes	link	7,017	O	Active Permit	TEMP950590421
30-025-38619	COG OPERATING LLC	LEA	S:16, T:17S, R:32E	LEAKER CC	010	11/29/2007	7,000		Yes	link	7,025	O	Active	TEMP1253810685
30-025-38696	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	12	11/12/2007	7,400		Yes	link	7,400	PO	Active Permit	TEMP1576735327
30-025-38551	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	13	9/13/2007	7,100		Yes	link	7,125	O	Active Permit	TEMP1834051233
30-025-38387	COG OPERATING LLC	LEA	S:21, T:17S, R:32E	MC FEDERAL	11	3/29/2007	7,000		Yes	link	7,015	O	Active Permit	TEMP1556894089
30-025-38262	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	MC FEDERAL	10	1/9/2007	7,000		Yes	link	7,000	O	Active	TEMP825574383
30-025-38261	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	JC FEDERAL	9	1/5/2007	7,000		Yes	link	7,000	PO	Active	TEMP852761701
30-025-37964	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	J C FEDERAL	005	6/16/2006	10,500		No	link	7,100	O	Active Permit	TMP000000009923
30-025-37965	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	J C FEDERAL	006	6/16/2006	10,500		No	link	10,500	PO	Active Permit	TMP000000009927
30-025-37966	COG OPERATING LLC	LEA	S:22, T:17S, R:32E	J C FEDERAL	007	6/16/2006	9,300		No	link	9,300	PO	Active Permit	TMP000000009928
30-025-37656	MACK ENERGY CORP	LEA	S:22, T:17S, R:32E	JC FEDERAL	4	1/19/2006	10,500		No	link	10,200	O	Active Permit	TMP0000000080053

30-025-34822	MACK ENERGY CORP	LEA	S 22, T 17S, R:32E	J C FEDERAL	001	6/5/2003			No	link		PO	Unknown	TEMP147618981
30-025-00619	CONOCOPHILLIPS COMPANY	LEA	S 21, T:17S, R:32E	BAISH A	005	1/1/2003			No	link		O	Pumping	TEMP1781097010
30-025-30363	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	BAISH A	014	1/1/2003			No	link	12,504	O	Pumping	TEMP1932303328
30-025-00636	CONOCOPHILLIPS COMPANY	LEA	S 22, T 17S, R:32E	BAISH B	003	1/1/2003			No	link	4,160	O	Pumping	TEMP1614885485
30-025-00567	CONOCOPHILLIPS COMPANY	LEA	S 16, T:17S, R:32E	MCA UNIT	011	1/1/2003	0		No	link	4,125	PO	Temporarily Abandoned	TEMP631648019
30-025-00603	CONOCOPHILLIPS COMPANY	LEA	S:21, T:17S, R:32E	MCA UNIT	043	1/1/2003			No	link		O	Pumping	TEMP2075980065
30-025-00605	CONOCOPHILLIPS COMPANY	LEA	S:21, T 17S, R 32E	MCA UNIT	045	1/1/2003			No	link	4,106	PI	Injection Well	TEMP1961709642
30-025-00609	CONOCOPHILLIPS COMPANY	LEA	S:21, T:17S, R:32E	MCA UNIT	092	1/1/2003	0		No	link	4,082	O	Pumping	TEMP809001937
30-025-00611	CONOCOPHILLIPS COMPANY	LEA	S:21, T 17S, R:32E	MCA UNIT	069	1/1/2003	0		No	link	0	O	Pumping	TEMP1051778493
30-025-00612	CONOCOPHILLIPS COMPANY	LEA	S 21, T 17S, R 32E	MCA UNIT	071	1/1/2003			No	link	4,131	O	Pumping	TEMP1038697031
30-025-00627	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	MCA UNIT	074	1/1/2003	0		No	link	0	I	Injection Well	TEMP936738572
30-025-00628	CONOCOPHILLIPS COMPANY	LEA	S 22, T:17S, R:32E	MCA UNIT	088	1/1/2003	0		No	link	0	O	Pumping	TEMP1206062802
30-025-00629	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	MCA UNIT	036	1/1/2003			No	link		PI	Temporarily Abandoned	TEMP1192981340
30-025-00631	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	MCA UNIT	073	1/1/2003	0		No	link	4,112	O	Pumping	TEMP101698709
30-025-00639	CONOCOPHILLIPS COMPANY	LEA	S:22, T 17S, R:32E	MCA UNIT	084	1/1/2003	0		No	link	4,092	I	Injection Well	TEMP23594683
30-025-00714	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA UNIT	145	1/1/2003	0		No	link	0	I	Injection Well	TEMP835149538
30-025-00715	CONOCOPHILLIPS COMPANY	LEA	S 27, T:17S, R:32E	MCA UNIT	121	1/1/2003	0		No	link	0	I	Injection Well	TEMP464147497
30-025-00716	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA UNIT	122	1/1/2003	0		No	link	4,089	O	Pumping	TEMP496851154
30-025-00717	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA UNIT	146	1/1/2003	0		No	link	3,853	O	Pumping	TEMP621509797
30-025-00720	CONOCOPHILLIPS COMPANY	LEA	S:27, T 17S, R:32E	MCA UNIT	120	1/1/2003	0		No	link	4,119	O	Pumping	TEMP374116255
30-025-00730	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA UNIT	183	1/1/2003	0		No	link	4,205	O	Active	TEMP4476663
30-025-00734	CONOCOPHILLIPS COMPANY	LEA	S 28, T:17S, R 32E	MCA UNIT	115	1/1/2003	0		No	link	0	O	Pumping	TEMP1335603756
30-025-00736	CONOCOPHILLIPS COMPANY	LEA	S:28, T:17S, R 32E	MCA UNIT	152	1/1/2003			No	link	4,125	I	Injection Well	TEMP1047811579
30-025-00738	CONOCOPHILLIPS COMPANY	LEA	S:28, T:17S, R:32E	MCA UNIT	118	1/1/2003	0		No	link	4,145	O	Pumping	TEMP1088210213
30-025-00739	CONOCOPHILLIPS COMPANY	LEA	S 28, T:17S, R:32E	MCA UNIT	151	1/1/2003			No	link	4,112	PO	Pumping	TEMP1212868857
30-025-00740	CONOCOPHILLIPS COMPANY	LEA	S:28, T:17S, R:32E	MCA UNIT	150	1/1/2003	0		No	link	4,095	I	Injection Well	TEMP911995217
30-025-12707	CONOCOPHILLIPS COMPANY	LEA	S:21, T:17S, R:32E	MCA UNIT	028	1/1/2003			No	link	4,117	PI	Temporarily Abandoned	TEMP1601111145
30-025-12711	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	MCA UNIT	075	1/1/2003	0		No	link	4,000	O	Pumping	TEMP1478760995
30-025-12763	CONOCOPHILLIPS COMPANY	LEA	S:21, T:17S, R 32E	MCA UNIT	044	1/1/2003			No	link	4,066	O	Active	TEMP1464198666

30-025-12769	CONOCOPHILLIPS COMPANY	LEA	S:28, T:17S, R:32E	MCA UNIT	116	1/1/2003			No	link	4,119	O	Pumping	TEMP1707359971
30-025-12795	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	MCA UNIT	086	1/1/2003			No	link	4,099	O	Pumping	TEMP712784064
30-025-22661	CONOCOPHILLIPS COMPANY	LEA	S:21, T:17S, R:32E	MCA UNIT	245	1/1/2003			No	link	4,130	O	Pumping	TEMP1087529493
30-025-23433	CONOCOPHILLIPS COMPANY	LEA	S:21, T:17S, R:32E	MCA UNIT	251	1/1/2003			No	link		O	Pumping	TEMP1330306049
30-025-23569	CONOCOPHILLIPS COMPANY	LEA	S:28, T:17S, R:32E	MCA UNIT	260	1/1/2003	0		No	link	4,129	O	Active	TEMP57098485
30-025-23731	CONOCOPHILLIPS COMPANY	LEA	S:28, T:17S, R:32E	MCA UNIT	274	1/1/2003			No	link	4,190	O	Active	TEMP475393993
30-025-23846	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA UNIT	282	1/1/2003			No	link	4,184	O	Injection Well	TEMP1239723136
30-025-23938	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA UNIT	299	1/1/2003	0		No	link	4,200	O	Pumping	TEMP1489809921
30-025-24109	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	MCA UNIT	312	1/1/2003	0		No	link	4,250	O	Active	TEMP597577221
30-025-24183	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	MCA UNIT	316	1/1/2003	0		No	link	4,200	O	Pumping	TEMP715695134
30-025-24186	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA UNIT	317	1/1/2003	0		No	link	4,200	O	Pumping	TEMP683376226
30-025-24196	CONOCOPHILLIPS COMPANY	LEA	S:28, T:17S, R:32E	MCA UNIT	318	1/1/2003	0		No	link	4,200	O	Pumping	TEMP950776712
30-025-24236	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	MCA UNIT	325	1/1/2003	0		No	link	4,175	O	Pumping	TEMP343518588
30-025-24258	CONOCOPHILLIPS COMPANY	LEA	S:21, T:17S, R:32E	MCA UNIT	326	1/1/2003			No	link	4,250	O	Pumping	TEMP61882393
30-025-24267	CONOCOPHILLIPS COMPANY	LEA	S:21, T:17S, R:32E	MCA UNIT	328	1/1/2003			No	link	4,200	O	Pumping	TEMP106898015
30-025-24274	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	MCA UNIT	327	1/1/2003			No	link	4,200	O	Pumping	TEMP137417537
30-025-24369	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA UNIT	335	1/1/2003	0		No	link	4,125	O	Pumping	TEMP903052524
30-025-24376	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	MCA UNIT	338	1/1/2003	0		No	link	4,150	O	Pumping	TEMP1159680040
30-025-24461	CONOCOPHILLIPS COMPANY	LEA	S:21, T:17S, R:32E	MCA UNIT	340	1/1/2003			No	link	4,175	O	Temporarily Abandoned	TEMP1057336833
30-025-24462	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	MCA UNIT	341	1/1/2003			No	link	4,150	O	Pumping	TEMP1425156781
30-025-24499	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	MCA UNIT	345	1/1/2003			No	link	4,122	PO	Temporarily Abandoned	TEMP1537118711
30-025-24515	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA UNIT	347	1/1/2003	0		No	link	4,175	O	Active	TEMP1473635143
30-025-29854	CONOCOPHILLIPS COMPANY	LEA	S:21, T:17S, R:32E	MCA UNIT	368	1/1/2003			No	link	4,229	O	Active	TEMP623246363
30-025-30337	CONOCOPHILLIPS COMPANY	LEA	S:28, T:17S, R:32E	MCA UNIT	380	1/1/2003	0		No	link	4,110	I	Injection Well	TEMP27655065
30-025-30347	CONOCOPHILLIPS COMPANY	LEA	S:21, T:17S, R:32E	MCA UNIT	379	1/1/2003			No	link	4,220	PO	Pumping	TEMP66129955
30-025-30491	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	MCA UNIT	384	1/1/2003	0		No	link	4,200	O	Active	TEMP1399284894
30-025-30731	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	MCA UNIT	385	1/1/2003			No	link	4,420	PO	Pumping	TEMP1522789291
30-025-00719	CONOCOPHILLIPS COMPANY	LEA	S:27, T:17S, R:32E	QUEEN B	006	1/1/2003			No	link	4,150	O	Injection Well	TEMP52003160
30-025-00632	CONOCOPHILLIPS COMPANY	LEA	S:22, T:17S, R:32E	MCA UNIT	039	12/31/2002			No	link		I	Active	TEMP1181951722

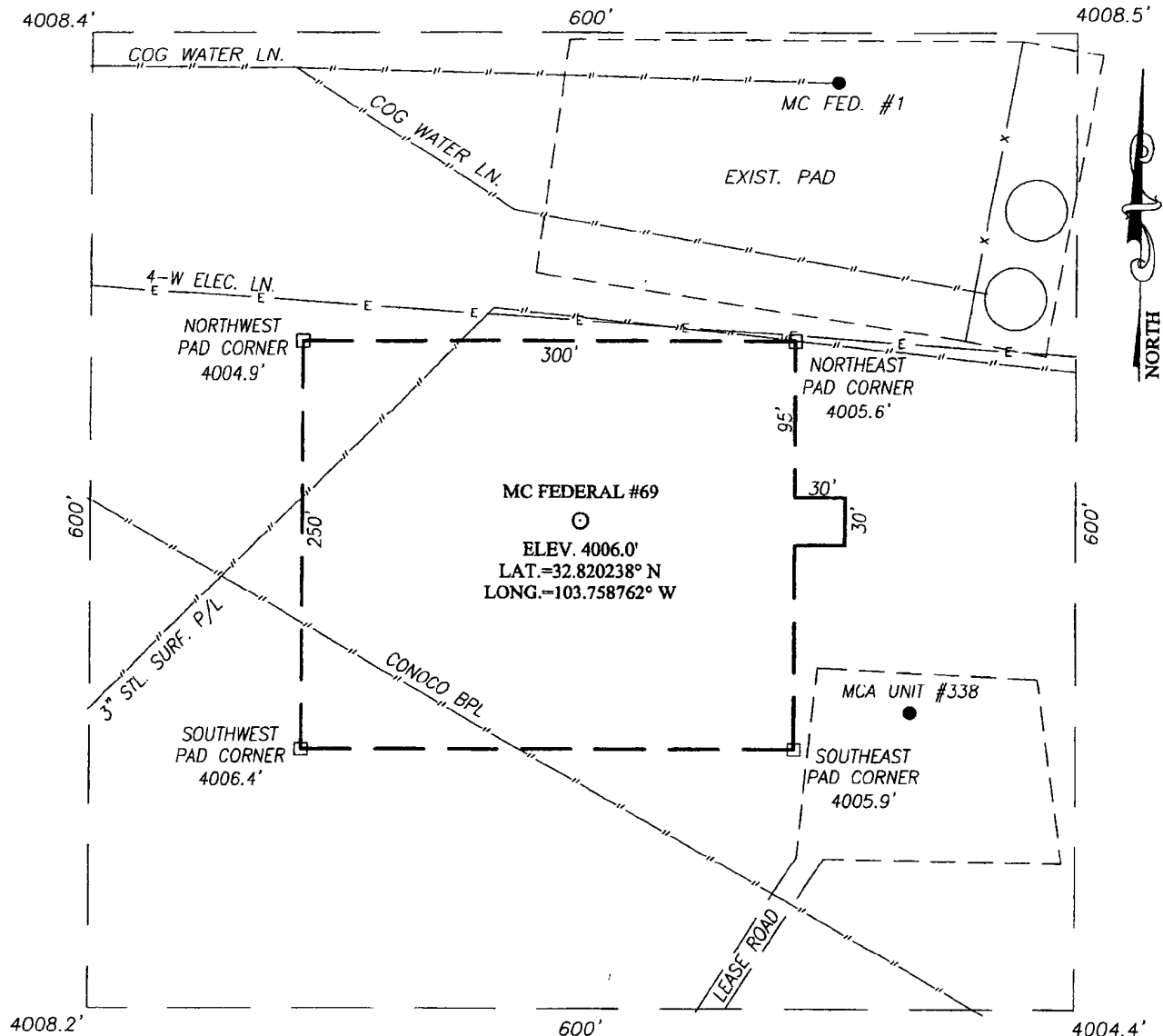
30-025-00719	CONOCOPHILLIPS COMPANY	LEA	S.27, T.17S, R.32E	QUEEN B	006	12/31/2002			No	link	4,150	O	Injection Well	TEMP1902923544
30-025-34795	MACK ENERGY CORPORATION or MACK ENERGY CORP	LEA	S:22, T:17S, R:32E	MC FEDERAL	002	10/24/2002			No	link		O	Active	TEMP994278473
30-025-34795	MACK ENERGY CORP	LEA	S:22, T:17S, R:32E	MC FEDERAL	002	9/30/2002			No	link		O	Active	TEMP436952427
30-025-35988	MACK ENERGY CORPORATION or MACK ENERGY CORP	LEA	S:22, T:17S, R:32E	J C FEDERAL	003	7/16/2002	6,000		No	link	7,020	O	Active	TEMP741100951
30-025-35989	MACK ENERGY CORPORATION or MACK ENERGY CORP	LEA	S:22, T.17S, R:32E	M C FEDERAL	008	7/15/2002	6,000		No	link	6,918	O	Active	TEMP609901576
30-025-35988	MACK ENERGY CORP	LEA	S:22, T.17S, R:32E	J C FEDERAL	003	6/30/2002			No	link	7,020	O	Active	TEMP1573048054
30-025-35989	MACK ENERGY CORP	LEA	S 22, T:17S, R:32E	MC FEDERAL	008	6/30/2002			No	link	6,918	O	Active	TEMP671577029
30-025-20647	MACK ENERGY CORP	LEA	S:22, T.17S, R:32E	MC FEDERAL	013	6/4/2002			No	link	9,958	O	Temporarily Abandoned	TEMP1598917823
30-025-25418	TIPTON OIL & GAS ACQUISITIONS, INC.	LEA	S:15, T:17S, R:32E	HUDSON FEDERAL	001	1/1/2002	0		No	link	0	PO	Pumping	TEMP1772488839
30-025-35252	MACK ENERGY CORP	LEA	S:21, T.17S, R:32E	MC FEDERAL	006	4/23/2001			No	link	15,026	G	Pumping	TEMP99614466
30-025-34291	LYNX PETROLEUM CONSULTANTS INC	LEA	S.15, T.17S, R:32E	LYNX FEDERAL	010	12/13/2000			No	link		O	Active	TEMP243801714
30-025-00630	CONOCO, INC	LEA	S:22, T.17S, R:32E	MCA UNIT	072	4/15/2000	0		No	link	0	I	Injection Well	TEMP1741989337
30-025-34772	MACK ENERGY CORP	LEA	S 22, T:17S, R:32E	J C FEDERAL	002	11/23/1999			No	link	5,950	O	Pumping	TEMP1375667703
30-025-34773	MACK ENERGY CORP	LEA	S:21, T.17S, R:32E	MC FEDERAL	003	11/23/1999			No	link	5,952	O	Pumping	TEMP1251009060
30-025-34647	MACK ENERGY CORP	LEA	S 22, T:17S, R:32E	MC FEDERAL COM	001	6/2/1999			No	link	14,912	G	Pumping	TEMP747788147
30-025-00604	CONOCO, INC	LEA	S:21, T.17S, R:32E	MCA UNIT	070	1/12/1999	0		No	link	0	I	Injection Well	TEMP682390866
30-025-00559	LYNX PETROLEUM CONSULTANTS INC	LEA	S:15, T:17S, R:32E	LYNX FEDERAL	007	11/26/1997	0		No	link	0	O	Active	TEMP1459183571
30-025-00561	LYNX PETROLEUM CONSULTANTS INC	LEA	S:15, T:17S, R:32E	LYNX FEDERAL	008	11/1/1997			No	link		O	Pumping	TEMP1567298012
30-025-12796	CONOCO, INC.	LEA	S:22, T:17S, R:32E	MCA UNIT	089	9/4/1997	0		No	link	0	O	Shut-in	TEMP728969553
30-025-23920	CONOCO, INC.	LEA	S:27, T.17S, R:32E	MCA UNIT	292	7/3/1997	0		No	link	4,200	O	Pumping	TEMP1957289260
30-025-25107	V-F PETROLEUM INC	LEA	S 15, T.17S, R:32E	HUDSON FEDERAL	001	4/23/1997			No	link	11,700	O	Pumping	TEMP1280650214
30-025-00726	CONOCO, INC.	LEA	S:27, T.17S, R:32E	MCA UNIT	119	8/6/1996			No	link	4,150	I	Injection Well	TEMP1276750533
30-025-30116	CONOCO, INC.	LEA	S:22, T:17S, R:32E	MCA UNIT	378	10/3/1995			No	link	4,200	O	Pumping	TEMP973954959
30-025-00601	CONOCO, INC.	LEA	S.21, T:17S, R:32E	MCA UNIT	027	9/12/1995			No	link	4,167	O	Pumping	TEMP862453351
30-025-00602	CONOCO, INC.	LEA	S:21, T:17S, R:32E	MCA UNIT	042	9/6/1995			No	link		I	Temporarily Abandoned	TEMP567735694
30-025-12797	CONOCO, INC	LEA	S:21, T.17S, R:32E	MCA UNIT	041	8/30/1995			No	link		O	Pumping	TEMP1931309866
30-025-27861	LYNX PETROLEUM CONSULTANTS INC	LEA	S:15, T:17S, R:32E	LYNX FEDERAL	001	4/25/1994	0		No	link	4,200	O	Pumping	TEMP1586760221
30-025-00558	CONOCO, INC.	LEA	S:15, T.17S, R:32E	MCA UNIT BATTERY 2	009	2/4/1991			No	link		O	Active	TEMP1432635897

30-025-30679	MACK ENERGY CORP	LEA	S 16, T.17S, R 32E	LEAKER CC	009	12/1/1989			No	link	6,068	O	Flowing	TEMP33024858
30-025-00565	MACK ENERGY CORP	LEA	S 15, T 17S, R:32E	LYNX C FEDERAL	002	7/1/1988	0		No	link	4,150	O	Plugged and Abandoned	TEMP1042115763
30-025-00564	LYNX PETROLEUM CONSULTANTS INC	LEA	S 15, T:17S, R:32E	FEDERAL C	001	8/29/1985	0		No	link	4,150	O	Active	TEMP1311055245
30-025-28372	LYNX PETROLEUM CONSULTANTS INC	LEA	S:15, T 17S, R 32E	LYNX FEDERAL	004	10/1/1983			No	link	4,200	O	Active	TEMP1378367524
30-025-27929	LYNX PETROLEUM CONSULTANTS INC	LEA	S 15, T 17S, R 32E	LYNX FEDERAL	003	2/1/1983			No	link	4,200	O	Pumping	TEMP525222681
30-025-00737	CONOCO, INC.	LEA	S.28, T:17S, R:32E	MCA UNIT	117	1/1/1970			No	link	4,084	PO	Active	TEMP819988921
30-025-23742	STEVENS OPERATING CORPORATION or HANAGAN PETROLEUM CORP	LEA	S 28, T.17S, R:32E	PRE-ONGARD WELL	282	1/1/1970			No	link		PO	Active Permit	TEMP1795789155

SECTION 22, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.

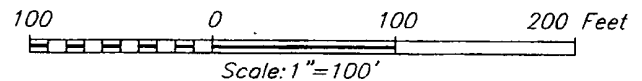
LEA COUNTY

NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CO. RD. #L126 (MALJAMAR ROAD) AND CO. RD. #L126 (CONOCO ROAD), GO EAST ON LEASE ROAD APPROX. 0.4 MILES. TURN LEFT AND GO NORTH APPROX. 0.2 MILES. TURN LEFT AND GO WEST APPROX. 0.1 MILE TO THE MCA UNIT #338 WELL PAD. THE LOCATION PAD IS APPROX. 230 FEET NORTHWEST.



COG OPERATING, LLC

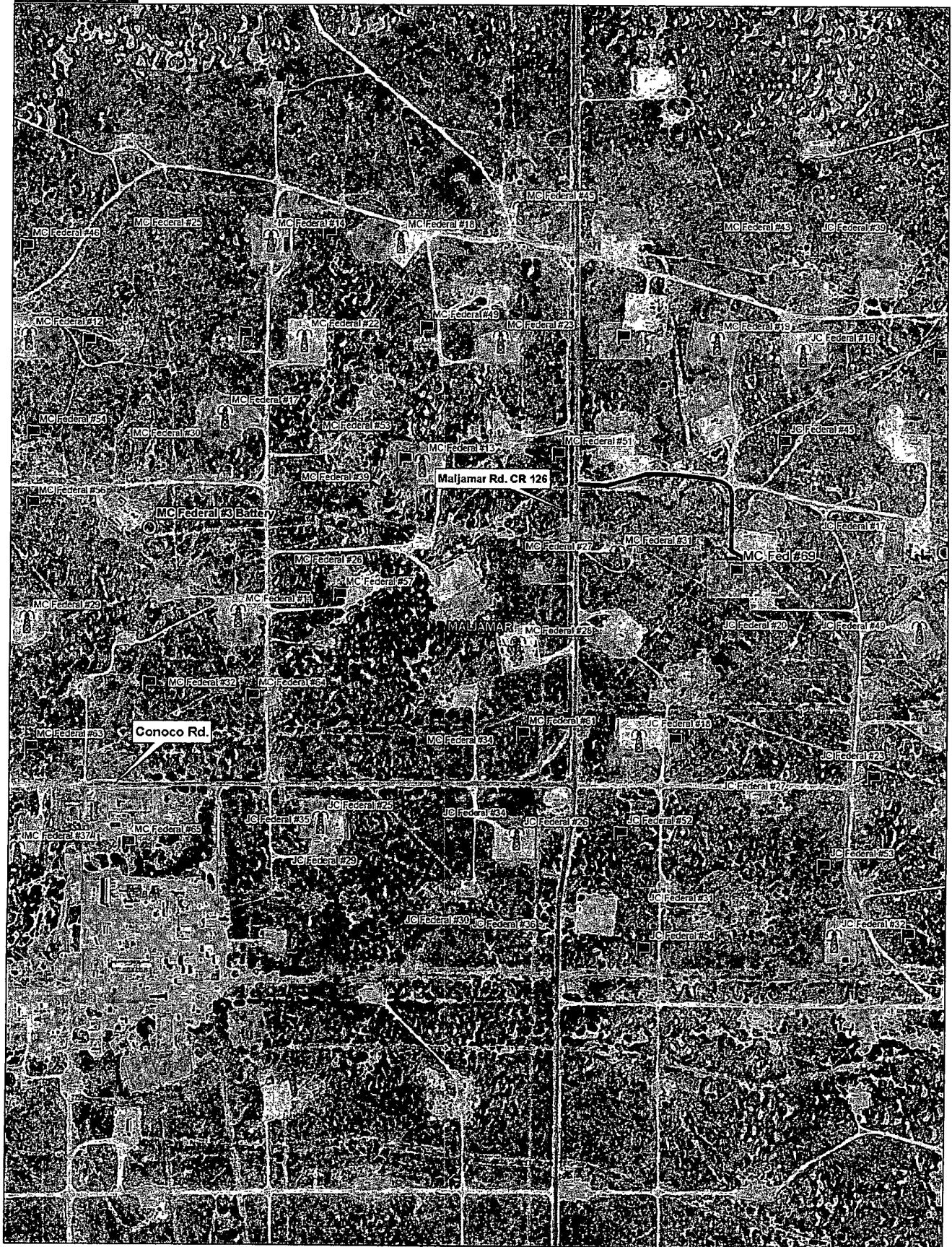
MC FEDERAL #69 WELL
LOCATED 2547 FEET FROM THE NORTH LINE
AND 1098 FEET FROM THE WEST LINE OF SECTION 22,
TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

Survey Date: 4/11/11	Sheet 1 of 1 Sheets
W.O. Number: 11.11.0871	Dr By: LA
Date: 4/14/11	11110871
	Scale: 1"=100'

PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY

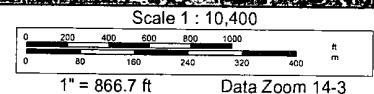
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117



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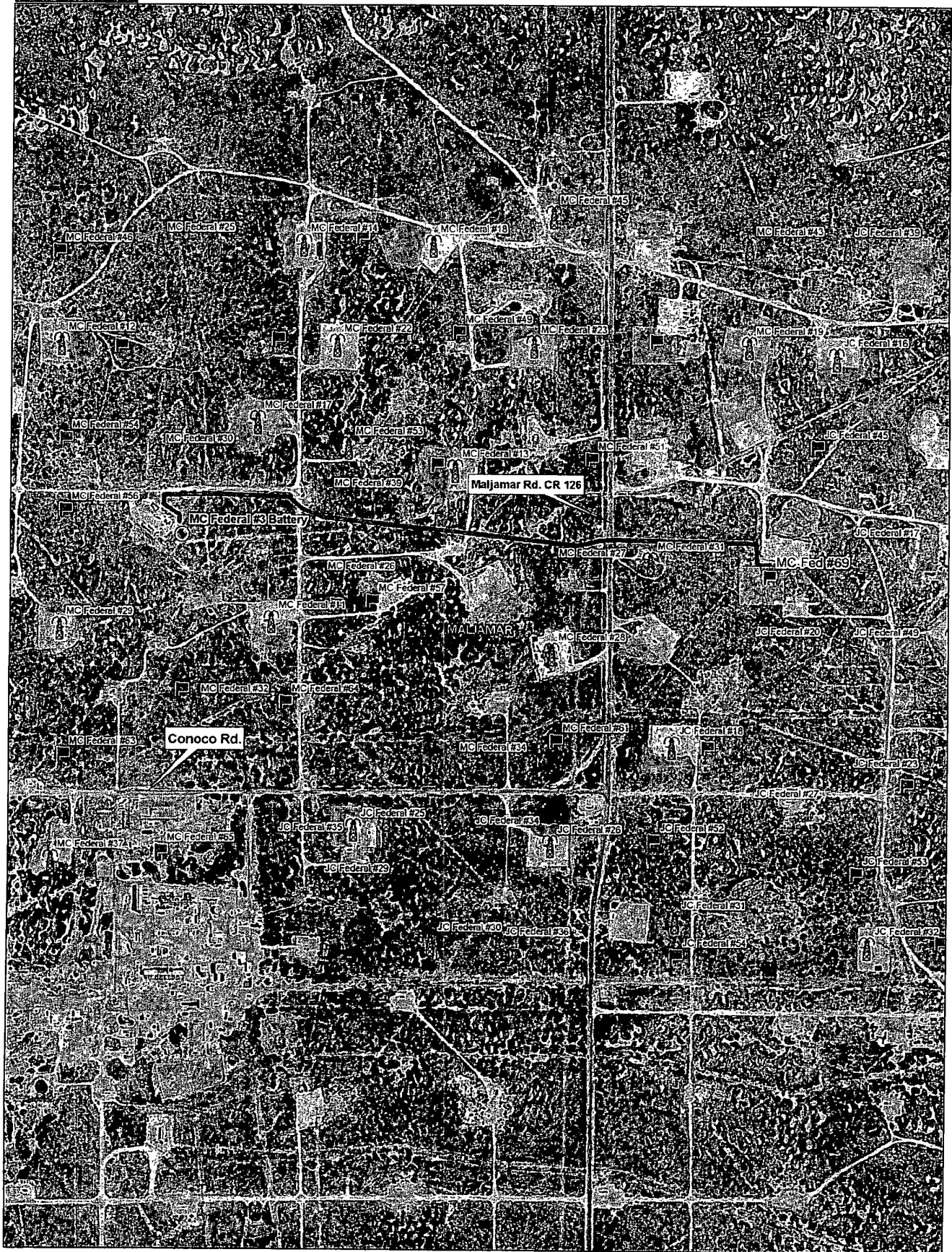
www.delorme.com



Flowline Route for MC Fed #69 to MC Fed #3 Battery

DE LORME

XMap® 7



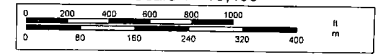
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Scale 1 10,400



1" = 866 7 ft

Data Zoom 14-3