

*Surface Use Plan
COG Operating, LLC
Maljamar SWD 30 #2
1350' FNL & 770' FEL
Section 30, T-17-S, R-32-E,
Lea County, New Mexico*

30-025-4030

Maljamar SWD 30 #2 BLM On-Site

Date of on-site: 11-21-10

Attendees:

John Fast– BLM

Curtis Griffin – COG

Gary Box – John West Surveying Company

On-site Determinations:

V-Door West. Topsoil to be stockpiled on South. Parallel Frontier Buried Pipeline on North. Tanks on North side. No road

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 Surveying Company, 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 Conoco Rd and Co. Rd. #126 (Maljamar Rd.) Go West approx. 2.0 miles. Turn left and go South approx. 0.8 miles. This location is approx. 150 feet West. 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, cattleguard, 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 will operate the SWD on location.
- B. Once the well is drilled, contemplated facilities will be as follows:
 - 1) Tank batteries will be set on the Maljamar SWD 30 #2 location. The facility location is shown in Exhibit #5.
 - 2) The tank battery and facilities including all flow lines and pipeline will be installed according to API specifications.
 - 3) Any additional caliche will be obtained from a BLM approved caliche pit. Any additional construction materials will be purchased from contractors.
 - 4) Proposed pipelines will follow an archaeologically approved route to the main Water Line tie in point that will be requested by a Right of Way Application.
 - 5) It will be necessary to run electric power after the well is drilled. Power will be provided by CVE, and they will submit a separate plan and ROW for service to the well location.

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 Surveying Company, is shown in Exhibit #4. Dimensions of the pad and pits are shown on Exhibit #6. V door direction is West 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 not occur while SWD is in operation.
- B. Final Reclamation: Upon plugging and abandoning the well, All caliche for well pad and lease road will be removed and surface will be recountoured 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 Olanc 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.**

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,	Erick Nelson.
Drilling Superintendent	Division Operations Manager
COG Operating LLC	COG Operating LLC
550 W. Texas, Suite 1300	550 W. Texas, Suite 1300
Midland, TX 79701	Midland, TX 79701
Phone (432) 683-7443 (office)	Phone (505) 746-2210 (office)
(432) 631-9762 (cell)	(432) 238-7591 (cell)

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 31st day of March, 2010.

Signed



Printed Name: Mark Fairchild

Position: Sr. Operations Engineer

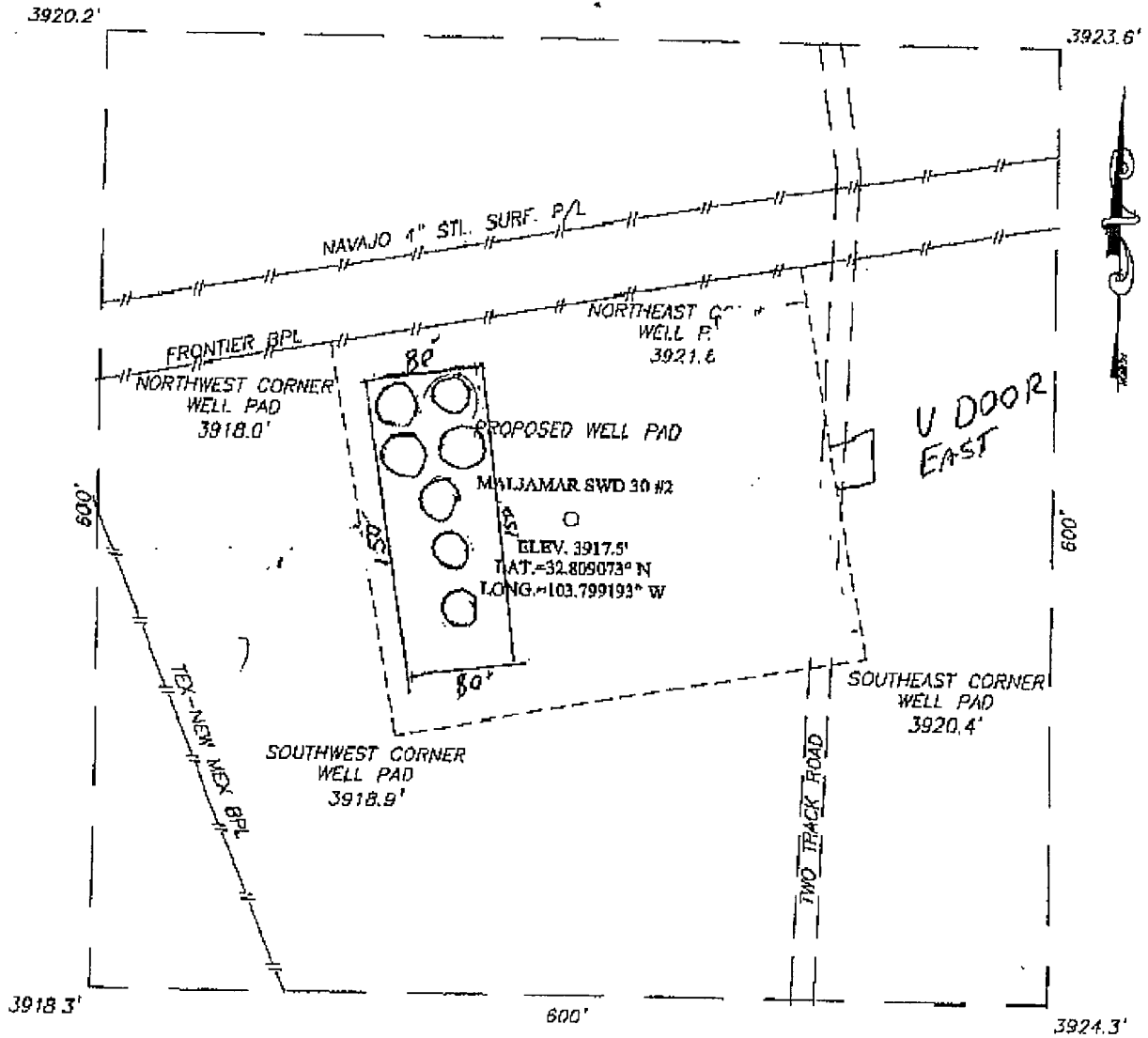
Address: 550 W. Texas, Suite 1300, Midland, Texas 79701

Telephone: (432) 686-3021

Field Representative (if not above signatory): Same

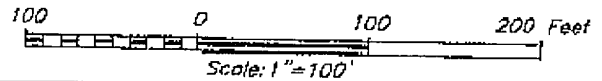
E-mail: mfairchild@conchoresources.com


SECTION 30, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CONOCO ROAD AND CO. RD. #126 (MALJAMAR RD) GO WEST APPROX. 2.0 MILES, TURN LEFT AND GO SOUTH APPROX. 0.8 MILES. THIS LOCATION IS APPROX. 150 FEET WEST.



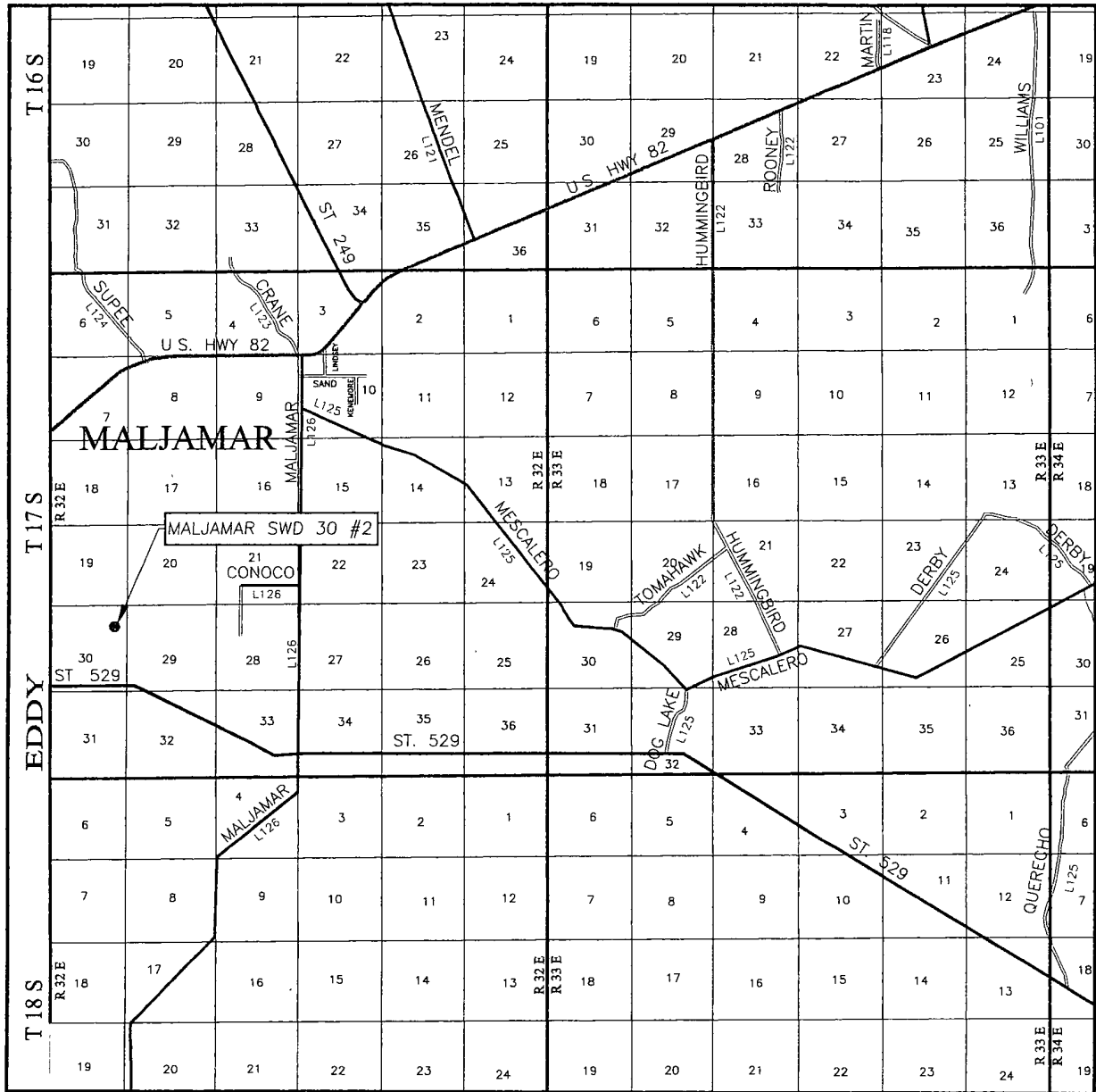

 PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117

COG OPERATING, LLC

MALJAMAR SWD 30 #2 WELL
LOCATED 1350 FEET FROM THE NORTH LINE
AND 770 FEET FROM THE EAST LINE OF SECTION 30,
TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 1/21/11	Sheet 1 of 1 Sheets	
W.O. Number: 11.13.051B	Dr By: LA	Rev 1:3/5/11
Date: 2/1/11	REL:111101A3	1113051B Scale: 1"=100'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 30 TWP. 17-S RGE. 32-E

SURVEY N.M.P.M.


COUNTY LEA STATE NEW MEXICO

DESCRIPTION 1350' FNL & 770' FEL

ELEVATION 3917'

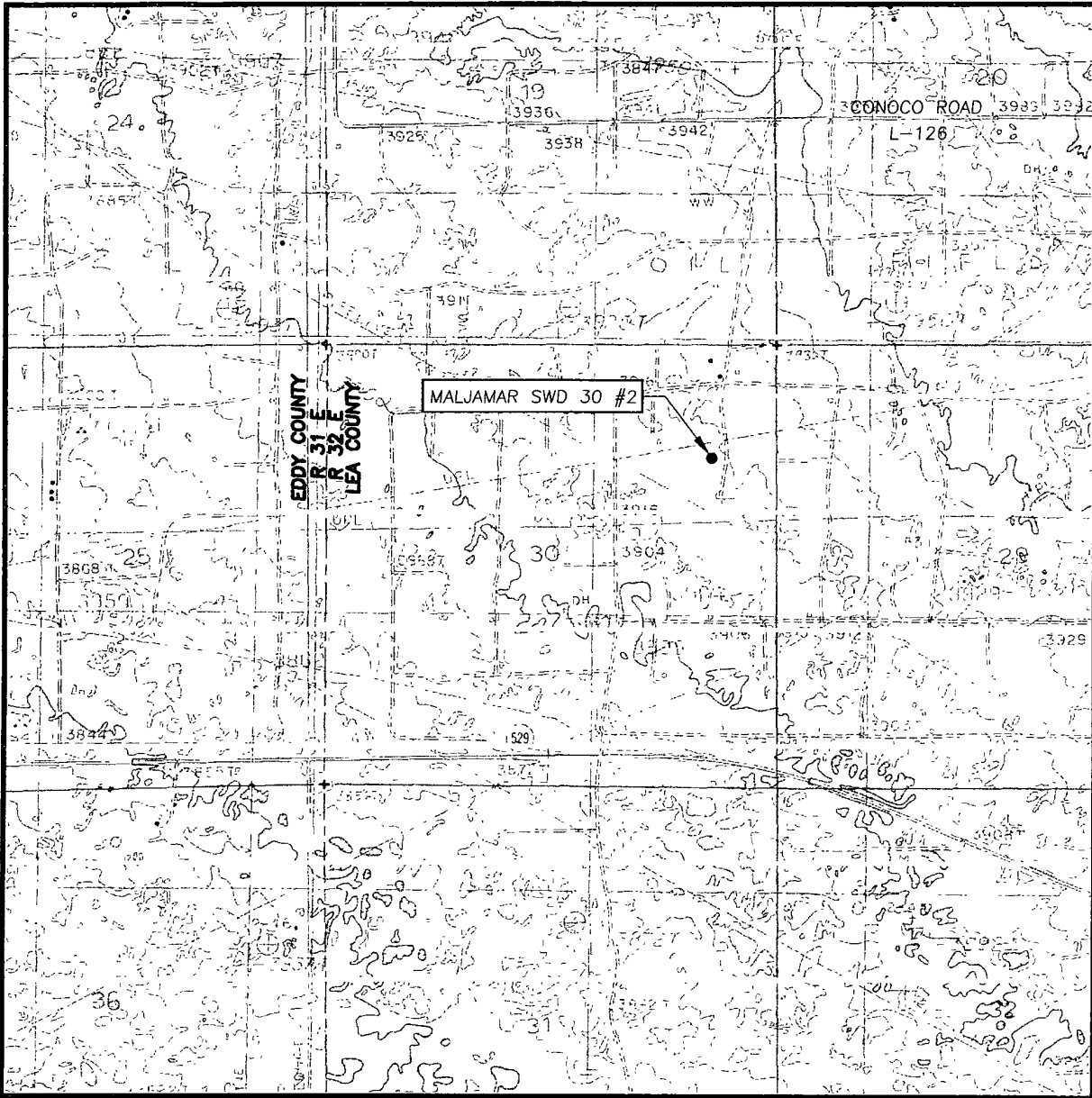
OPERATOR COG OPERATING, LLC

LEASE MALJAMAR SWD 30



PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (575) 393-3117

LOCATION VERIFICATION ON MAP



SCALE: 1" = 2000'

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

SEC. 30 TWP. 17-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO


DESCRIPTION 1350' FNL & 770' FEL

ELEVATION 3917'

OPERATOR COG OPERATING, LLC

LEASE MALJAMAR SWD 30

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

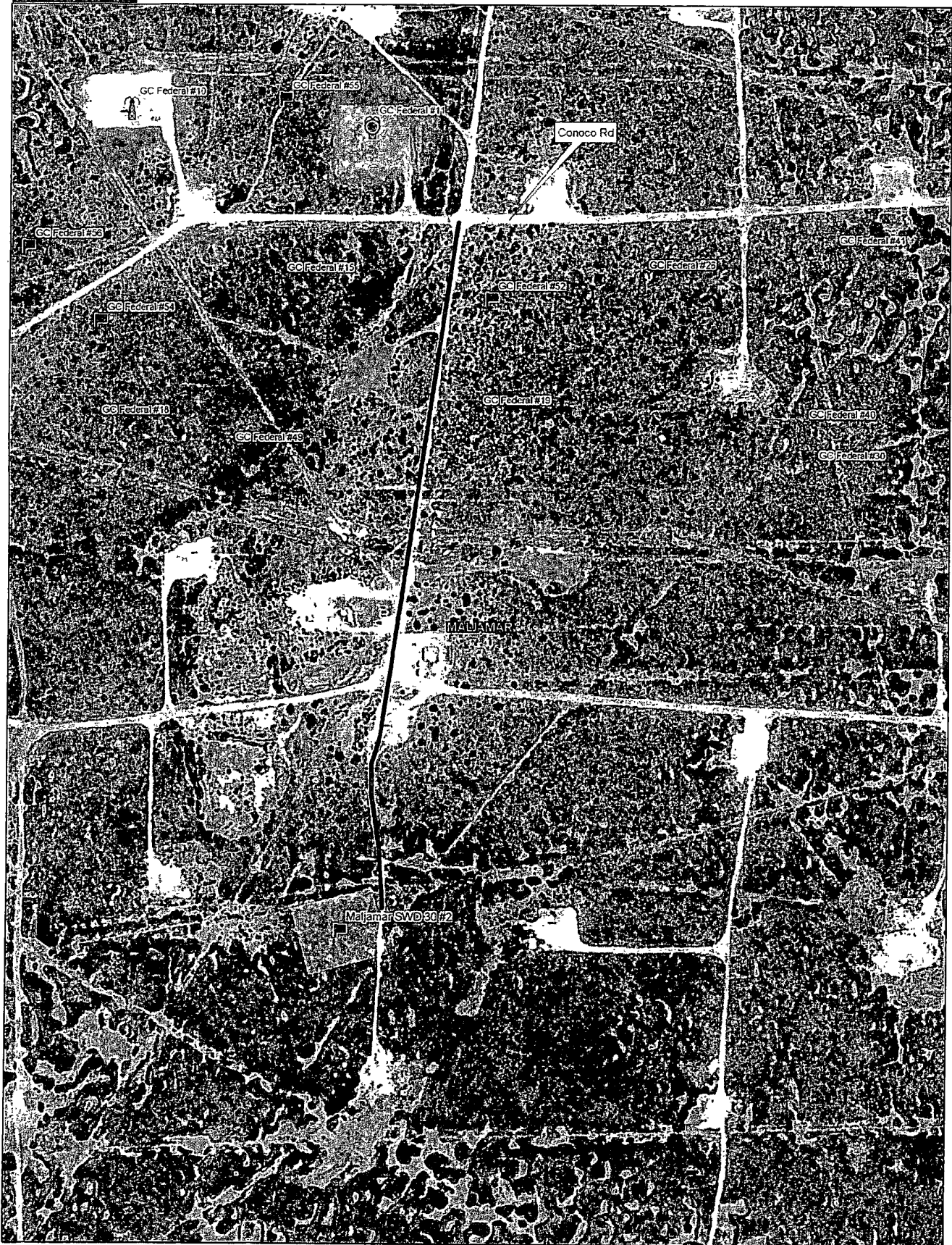


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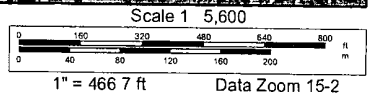
Access Road to Maljamar SWD 30 #2

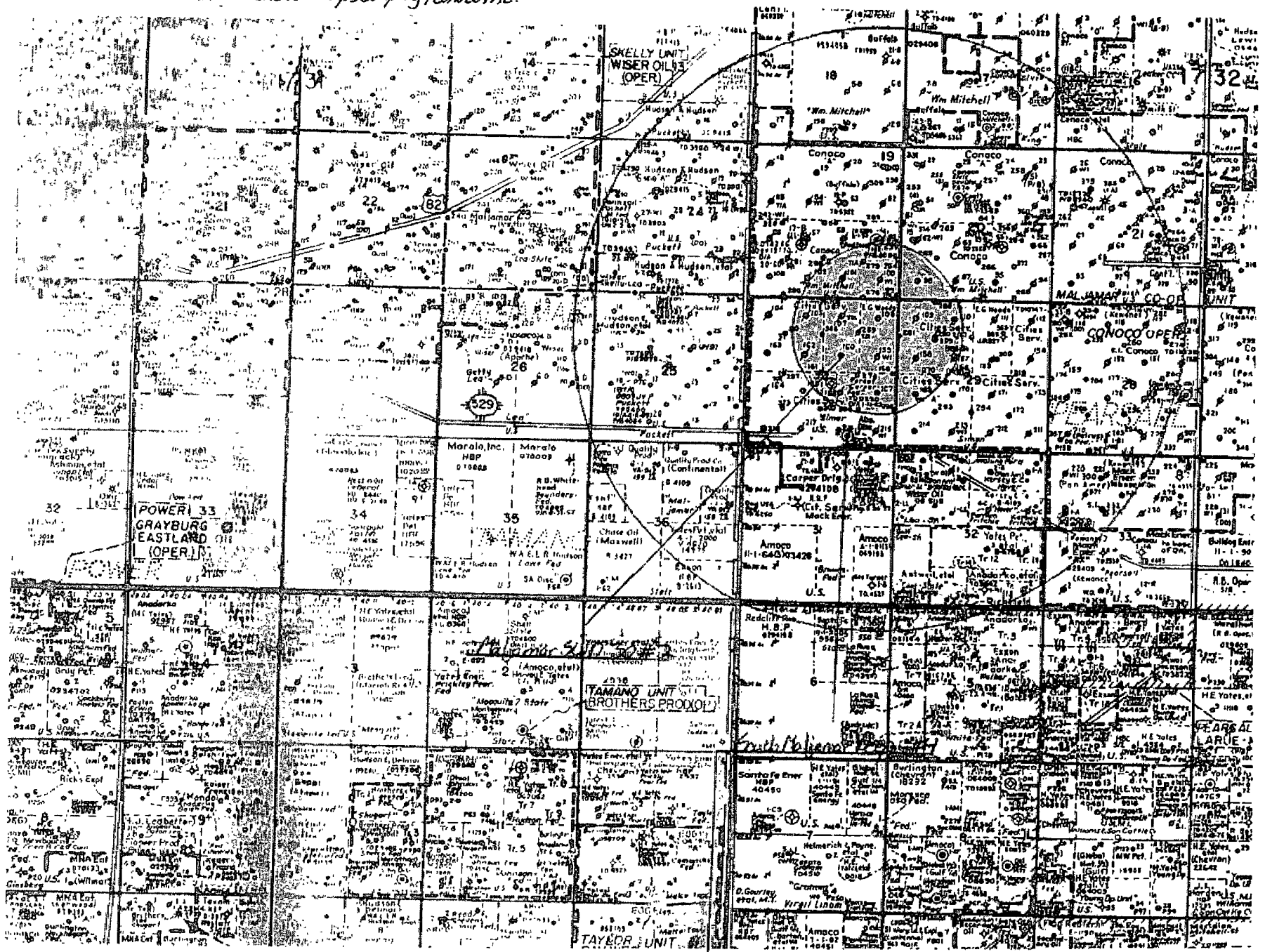
DELORME

XMap® 7



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Actually Outside of Area of Review

Offset wells to Maljamar SWD 30 # 2

API#	Operator	County	Legal	Lease	Well#	Date Issued	Permitted Depth	Permit TVD	Images	Doc	Total Depth	Well Type	Well Status	Permit#
30-025-40005	COG OPERATING LLC	LEA	S 19, T 17S, R:32E	GC FEDERAL	51	12/29/2010	7,000		Yes	link	7,000	PI	Active Permit	TEMP125590822
30-025-40006	COG OPERATING LLC	LEA	S 19, T 17S, R:32E	GC FEDERAL	52	12/29/2010	7,000		Yes	link	7,000	PO	Active Permit	TEMP941427056
30-025-40007	COG OPERATING LLC	LEA	S:19, T 17S, R:32E	GC FEDERAL	55	12/29/2010	7,000		Yes	link	7,000	PO	Active Permit	TEMP1469688941
30-025-39950	COG OPERATING LLC	LEA	S 20, T 17S, R:32E	BC FEDERAL	61	11/12/2010	7,000		Yes	link	7,000	PO	Active Permit	TEMP10912411
30-025-39928	COG OPERATING LLC	LEA	S.20, T 17S, R.32E	GC FEDERAL	42	9/30/2010	6,900		Yes	link	6,900	PO	Active Permit	TEMP1861612420
30-025-39858	COG OPERATING LLC	LEA	S 20, T:17S, R 32E	GC FEDERAL	43	7/29/2010	7,159	7,100	Yes	link	7,159	PO	Active Permit	TEMP1922643520
30-025-39791	CONOCOPHILLIPS COMPANY	LEA	S:29, T:17S, R:32E	MCA UNIT	496	6/9/2010	4,100		Yes	link	4,100	PO	Active Permit	TEMP1058201159
30-025-39778	CONOCOPHILLIPS COMPANY	LEA	S:29, T 17S, R 32E	MCA UNIT	434	6/8/2010	4,165		Yes	link	4,165	PO	Active Permit	TEMP838123667
30-025-39779	CONOCOPHILLIPS COMPANY	LEA	S.29, T 17S, R 32E	MCA UNIT	435	6/8/2010	4,125		Yes	link	4,125	PO	Active Permit	TEMP1467443340
30-025-39697	COG OPERATING LLC	LEA	S:20, T 17S, R:32E	GC FEDERAL	37	2/11/2010	7,127	7,100	Yes	link	7,127	PO	Active Permit	TEMP2071368208
30-025-39626	COG OPERATING LLC	LEA	S:20, T.17S, R 32E	GC FEDERAL	40	12/24/2009	7,144	7,100	Yes	link	7,178	O	Active Permit	TEMP562800386
30-025-39624	COG OPERATING LLC	LEA	S 19, T 17S, R:32E	BC FEDERAL	52	12/22/2009	7,117	7,160	Yes	link	7,117	PO	Active Permit	TEMP281219397
30-025-39613	COG OPERATING LLC	LEA	S:19, T:17S, R:32E	GC FEDERAL	50	12/12/2009	7,126	7,100	Yes	link	7,126	PO	Active Permit	TEMP43716635
30-025-39519	COG OPERATING LLC	LEA	S 29, T:17S, R:32E	MALJAMAR SWD 29	1	9/10/2009	10,500		Yes	link	10,482	U	Active Permit	TEMP1902796958
30-025-39498	COG OPERATING LLC	LEA	S:19, T:17S, R:32E	GC FEDERAL	54	8/12/2009	7,100		Yes	link	7,100	PO	Active Permit	TEMP1680738159
30-025-39476	COG OPERATING LLC	LEA	S 20, T:17S, R:32E	GC FEDERAL	63	7/23/2009	7,019	7,000	Yes	link	7,019	PO	Active Permit	TEMP1850343327
30-025-39472	COG OPERATING LLC	LEA	S.20, T 17S, R:32E	GC FEDERAL	41	7/22/2009	7,100		Yes	link	7,123	O	Active Permit	TEMP254749392
30-025-39475	COG OPERATING LLC	LEA	S:20, T:17S, R:32E	GC FEDERAL	62	7/22/2009	7,137	7,100	Yes	link	7,137	PO	Active Permit	TEMP1481001204
30-025-39469	COG OPERATING LLC	LEA	S 19, T 17S, R:32E	BC FEDERAL	51	7/20/2009	6,900		Yes	link	6,900	PO	Active Permit	TEMP423382244
30-025-39468	COG OPERATING LLC	LEA	S 19, T:17S, R:32E	BC FEDERAL	50	7/17/2009	6,900		Yes	link	6,920	O	Active Permit	TEMP206526192
30-025-39474	COG OPERATING LLC	LEA	S:19, T 17S, R:32E	GC FEDERAL	56	7/16/2009	7,030	7,000	Yes	link	7,030	PO	Active Permit	TEMP773940142
30-025-39416	COG OPERATING LLC	LEA	S:20, T:17S, R:32E	BC FEDERAL	42	5/20/2009	7,000		Yes	link	7,006	O	Active Permit	TEMP1193997056
30-025-39420	COG OPERATING LLC	LEA	S.19, T:17S, R:32E	G C FEDERAL	34	5/19/2009	6,922	6,900	Yes	link	6,900	O	Active Permit	TEMP1360209628
30-025-39422	COG OPERATING LLC	LEA	S:19, T:17S, R:32E	G C FEDERAL	37	5/19/2009	6,900		Yes	link	6,925	O	Active Permit	TEMP1588474770
30-025-39421	COG OPERATING LLC	LEA	S 19, T 17S, R:32E	GC FEDERAL	35	5/19/2009	6,900		Yes	link	6,900	PO	Active Permit	TEMP133600763
30-025-39417	COG OPERATING LLC	LEA	S.20, T:17S, R:32E	BC FEDERAL	43	5/19/2009	7,000		Yes	link	7,010	O	Active Permit	TEMP960606207
	COG OPERATING													

30-025-39473	LLC	LEA	S:20, T 17S, R:32E	GC FEDERAL	45	3/6/2009	7,127	7,100	Yes	link	7,134	O	Active Permit	TEMP1610221069
30-025-39299	COG OPERATING LLC	LEA	S:19, T 17S, R:32E	BC FEDERAL	38	12/5/2008	6,800		Yes	link	6,818	O	Active Permit	TEMP1707957802
30-025-39290	COG OPERATING LLC	LEA	S 19, T:17S, R 32E	BC FEDERAL	39	12/4/2008	6,800		Yes	link	6,832	O	Active Permit	TEMP966352756
30-025-39269	COG OPERATING LLC	LEA	S 20, T:17S, R:32E	G C FEDERAL	23	11/17/2008	7,029	7,000	Yes	link	7,035	O	Active Permit	TEMP1650840424
30-025-39272	COG OPERATING LLC	LEA	S:20, T:17S, R:32E	G C FEDERAL	30	11/17/2008	7,100		Yes	link	7,016	O	Active Permit	TEMP1861288742
30-025-39267	COG OPERATING LLC	LEA	S:20, T 17S, R:32E	G C FEDERAL	21	11/17/2008	7,000		Yes	link	7,038	O	Active Permit	TEMP457092114
30-025-39270	COG OPERATING LLC	LEA	S 20, T:17S, R:32E	G C FEDERAL	32	11/17/2008	7,121	7,100	Yes	link	7,136	O	Active Permit	TEMP647835779
30-025-39264	COG OPERATING LLC	LEA	S:20, T 17S, R:32E	G C FEDERAL	27	11/13/2008	7,100		Yes	link	7,103	O	Active Permit	TEMP560444403
30-025-39266	COG OPERATING LLC	LEA	S 20, T.17S, R 32E	GC FEDERAL	31	11/13/2008	7,100		Yes	link	7,123	O	Active Permit	TEMP1435730061
30-025-39261	COG OPERATING LLC	LEA	S 20, T.17S, R 32E	G C FEDERAL	20	11/13/2008	7,000		Yes	link	7,020	O	Active Permit	TEMP915113969
30-025-39282	COG OPERATING LLC	LEA	S:20, T 17S, R:32E	G C FEDERAL	26	11/13/2008	7,100		Yes	link	7,035	O	Active Permit	TEMP1901374924
30-025-39323	COG OPERATING LLC	LEA	S:20, T.17S, R:32E	G C FEDERAL	28	11/13/2008	7,100		Yes	link	7,100	PO	Active Permit	TEMP579827007
30-025-39162	COG OPERATING LLC	LEA	S:19, T 17S, R 32E	G C FEDERAL	19	8/22/2008	7,100		Yes	link	7,022	O	Active Permit	TEMP732619990
30-025-39113	COG OPERATING, L.L.C. or COG OPERATING LLC	LEA	S 19, T 17S, R:32E	G C FEDERAL	18	8/19/2008	7,000		Yes	link	7,050	O	Active Permit	TEMP1121428476
30-025-39109	COG OPERATING, L.L.C. or COG OPERATING LLC	LEA	S:19, T:17S, R 32E	G C FEDERAL	13	8/19/2008	6,900		Yes	link	6,922	O	Active Permit	TEMP937620837
30-025-39112	COG OPERATING L L C or COG OPERATING LLC	LEA	S:19, T 17S, R:32E	G C FEDERAL	16	8/19/2008	7,000		Yes	link	7,116	O	Active Permit	TEMP1557968093
30-025-39111	COG OPERATING L L C or COG OPERATING LLC	LEA	S 19, T:17S, R:32E	G C FEDERAL	15	8/19/2008	7,000		Yes	link	7,037	O	Active Permit	TEMP734673321
30-025-39110	COG OPERATING L L C or COG OPERATING LLC	LEA	S:19, T 17S, R:32E	G C FEDERAL	14	8/19/2008	6,900		Yes	link	7,025	O	Active Permit	TEMP1323695931
30-025-39086	COG OPERATING L L C or COG OPERATING LLC	LEA	S:19, T:17S, R:32E	G C FEDERAL	12	7/24/2008	6,900		Yes	link	6,928	O	Active Permit	TEMP663662743
30-025-38993	COG OPERATING LLC	LEA	S:19, T 17S, R:32E	G C FEDERAL	10	6/17/2008	6,800		Yes	link	6,805	O	Active Permit	TEMP1896878906
30-025-38992	COG OPERATING LLC	LEA	S:19, T:17S, R 32E	BC FEDERAL	36	6/13/2008	6,800		Yes	link	6,918	O	Active Permit	TEMP1125053629
30-025-38994	COG OPERATING LLC	LEA	S:19, T 17S, R:32E	G C FEDERAL	11	6/13/2008	6,800		Yes	link	6,817	O	Active Permit	TEMP1116399800
30-025-39021	COG OPERATING LLC	LEA	S:19, T:17S, R 32E	BC FEDERAL	35	6/13/2008	6,800		Yes	link	6,825	O	Active Permit	TEMP2056387133
30-025-38842	COG OPERATING LLC	LEA	S:19, T 17S, R:32E	GC FEDERAL	8	4/1/2008	7,250		Yes	link	6,815	O	Active Permit	TEMP1020968955
30-025-38837	COG OPERATING LLC	LEA	S 19, T:17S, R:32E	BC FEDERAL	19	3/26/2008	7,200		Yes	link	7,200	PO	Active Permit	TEMP282327276
30-025-38814	COG OPERATING LLC	LEA	S 20, T:17S, R:32E	BC FEDERAL	29	3/7/2008	7,200		Yes	link	7,041	O	Active Permit	TEMP741824707

30-025-38737	COG OPERATING LLC	LEA	S:19, T:17S, R:32E	GC FEDERAL	7	2/2/2008	7,250		Yes	link	7,046	O	Active Permit	TEMP857214539
30-025-38742	COG OPERATING LLC	LEA	S:19, T:17S, R:32E	BC FEDERAL	23	2/1/2008	7,250		Yes	link	7,250	PO	Active Permit	TEMP1783345657
30-025-38743	COG OPERATING LLC	LEA	S:19, T:17S, R:32E	BC FEDERAL	24	2/1/2008	7,200		Yes	link	6,926	O	Active Permit	TEMP2120580483
30-025-38745	COG OPERATING LLC	LEA	S:20, T:17S, R:32E	BC FEDERAL	26	2/1/2008	7,250		Yes	link	7,000	O	Active Permit	TEMP2102159644
30-025-38742	COG OPERATING LLC	LEA	S:19, T:17S, R:32E	BC FEDERAL	023	2/1/2008	7,250		Yes	link	7,250	PO	Active Permit	TEMP161962920
30-025-38726	COG OPERATING LLC	LEA	S:19, T:17S, R:32E	BC FEDERAL	21	1/25/2008	7,200		Yes	link	7,200	PO	Active Permit	TEMP312664015
30-025-38713	COG OPERATING LLC	LEA	S:20, T:17S, R:32E	BC FEDERAL	31	1/21/2008	7,200		Yes	link	7,025	O	Active Permit	TEMP1749808713
30-025-38829	COG OPERATING LLC	LEA	S:20, T:17S, R:32E	BC FEDERAL	32	1/21/2008	7,200		Yes	link	6,900	O	Active Permit	TEMP99021850
30-025-38545	COG OPERATING LLC	LEA	S:20, T:17S, R:32E	GC FEDERAL	6	9/3/2007	7,100		Yes	link	7,100	PO	Active Permit	TEMP1290772446
30-025-38366	COG OPERATING LLC	LEA	S:20, T:17S, R:32E	BC FEDERAL	14	3/29/2007	7,000		Yes	link	6,985	O	Active Permit	TEMP889433513
30-025-37021	MACK ENERGY CORPORATION or MACK ENERGY CORP	LEA	S:19, T:17S, R:32E	BC FEDERAL	010	12/22/2004	7,000		No	link	6,710	O	Active Permit	TEMP2085890960
30-025-36999	MACK ENERGY CORPORATION or MACK ENERGY CORP	LEA	S:19, T:17S, R:32E	GC FEDERAL	005	12/8/2004	7,000		No	link	7,220	O	Active	TEMP1900010551
30-025-36999	MACK ENERGY CORP	LEA	S:19, T:17S, R:32E	GC FEDERAL	005	11/30/2004			No	link	7,220	O	Active	TEMP116932085
30-025-37021	MACK ENERGY CORP	LEA	S:19, T:17S, R:32E	BC FEDERAL	010	11/30/2004			No	link	6,710	O	Active Permit	TEMP1918746986
30-025-36769	MACK ENERGY CORPORATION or MACK ENERGY CORP	LEA	S:19, T:17S, R:32E	BC FEDERAL	9	7/16/2004	7,000		No	link	6,005	O	Active	TEMP75320249
30-025-36769	MACK ENERGY CORP	LEA	S:19, T:17S, R:32E	BC FEDERAL	009	6/30/2004			No	link	6,005	O	Active	TEMP1818411999
30-025-36434	MACK ENERGY CORP	LEA	S:31, T:17S, R:32E	BROWN FEDERAL	005	1/31/2004			No	link	5,000	PO	Active Permit	TEMP951028158
30-025-36443	MACK ENERGY CORPORATION or MACK ENERGY CORP	LEA	S:19, T:17S, R:32E	GC FEDERAL	002	10/3/2003	7,000		No	link	7,000	PO	Active Permit	TEMP171434619
30-025-35939	MACK ENERGY CORP	LEA	S:19, T:17S, R:32E	GC FEDERAL	002K	9/30/2003			No	link	7,000	PO	Active Permit	TEMP1009990490
30-025-36434	MACK ENERGY CORPORATION or MACK ENERGY CORP	LEA	S:31, T:17S, R:32E	BROWN FEDERAL	005	8/20/2003	5,000		No	link	5,000	PO	Active Permit	TEMP1401584169
30-025-36434	MACK ENERGY CORPORATION or MACK ENERGY CORP	LEA	S:31, T:17S, R:32E	BROWN FEDERAL	005	8/20/2003	5,000		No	link	5,000	PO	Active Permit	TEMP1780934318
30-025-00796	MACK ENERGY CORP	LEA	S:32, T:17S, R:32E	PEARSALL QUEEN SAND UNIT	002	8/1/2003	0		No	link	0	O	Active	TEMP1116734706
30-025-36443	MACK ENERGY CORP	LEA	S:19, T:17S, R:32E	GC FEDERAL	002	7/31/2003			No	link	7,000	PO	Active Permit	TEMP1249736148

30-025-36321	MACK ENERGY CORPORATION or MACK ENERGY CORP	LEA	S:31, T:17S, R:32E	BROWN FEDERAL	004	7/7/2003	5,000	No	link	4,450	O	Active	TEMP257275567
30-025-36321	MACK ENERGY CORP	LEA	S:31, T:17S, R:32E	BROWN FEDERAL	004	4/30/2003		No	link	4,450	O	Active	TEMP1119798223
30-025-08065	CONOCOPHILLIPS COMPANY	LEA	S:20, T:17S, R:32E	MCA UNIT	095	1/1/2003	0	No	link	0	O	Active	TEMP1599864275
30-025-00754	CONOCOPHILLIPS COMPANY	LEA	S:29, T:17S, R:32E	MCA UNIT	170	1/1/2003	0	No	link	4,047	O	Pumping	TEMP2135881468
30-025-00755	CONOCOPHILLIPS COMPANY	LEA	S:29, T:17S, R:32E	MCA UNIT	169	1/1/2003		No	link		I	Injection Well	TEMP1862325000
30-025-00759	CONOCOPHILLIPS COMPANY	LEA	S:29, T:17S, R:32E	MCA UNIT	109	1/1/2003		No	link	3,965	I	Injection Well	TEMP1888487925
30-025-00764	CONOCOPHILLIPS COMPANY	LEA	S:29, T:17S, R:32E	MCA UNIT	171	1/1/2003	0	No	link	0	I	Injection Well	TEMP1732664621
30-025-00765	CONOCOPHILLIPS COMPANY	LEA	S:29, T:17S, R:32E	MCA UNIT	212	1/1/2003	0	No	link	0	O	Pumping	TEMP1564529352
30-025-00767	CONOCOPHILLIPS COMPANY	LEA	S:29, T:17S, R:32E	MCA UNIT	111	1/1/2003	0	No	link	4,072	I	Injection Well	TEMP802741854
30-025-00769	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R:32E	MCA UNIT	107	1/1/2003		No	link		I	Plugged	TEMP910856295
30-025-00770	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R:32E	MCA UNIT	160	1/1/2003	0	No	link	3,994	O	Pumping	TEMP949331185
30-025-00772	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R:32E	MCA UNIT	165	1/1/2003	0	No	link	3,945	O	Pumping	TEMP648457545
30-025-00773	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R:32E	MCA UNIT	218	1/1/2003	0	No	link	0	O	Pumping	TEMP773116188
30-025-00774	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R:32E	MCA UNIT	217	1/1/2003		No	link		I	Plugged	TEMP405680989
30-025-00775	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R:32E	MCA UNIT	167	1/1/2003	0	No	link	4,003	O	Pumping	TEMP542651597
30-025-00777	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R:32E	MCA UNIT	104	1/1/2003		No	link		PI	Injection Well	TEMP552270320
30-025-00779	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R:32E	MCA UNIT	163	1/1/2003	0	No	link	0	O	Pumping	TEMP283330838
30-025-00780	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R:32E	MCA UNIT	162	1/1/2003		No	link		I	Plugged and Abandoned	TEMP321805728
30-025-00782	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R:32E	MCA UNIT	216	1/1/2003		No	link	4,090	PO	Pumping	TEMP1608790799
30-025-00783	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R:32E	MCA UNIT	108	1/1/2003	0	No	link	3,963	O	Pumping	TEMP1641494456
30-025-00785	CONOCOPHILLIPS COMPANY	LEA	S:31, T:17S, R:32E	MCA UNIT	219	1/1/2003	0	No	link	0	O	Pumping	TEMP1761920862
30-025-08035	CONOCOPHILLIPS COMPANY	LEA	S:19, T:17S, R:32E	MCA UNIT	060	1/1/2003	0	No	link	3,970	O	Shut-in	TEMP1803858492
30-025-08038	CONOCOPHILLIPS COMPANY	LEA	S:19, T:17S, R:32E	MCA UNIT	053	1/1/2003		No	link		PO	Temporarily Abandoned	TEMP1916205170
30-025-08039	CONOCOPHILLIPS COMPANY	LEA	S:19, T:17S, R:32E	MCA UNIT	054	1/1/2003		No	link		PI	Temporarily Abandoned	TEMP1941213849
30-025-08040	CONOCOPHILLIPS COMPANY	LEA	S:19, T:17S, R:32E	MCA UNIT	055	1/1/2003		No	link	0	O	Pumping	TEMP1047146182
30-025-08041	CONOCOPHILLIPS COMPANY	LEA	S:19, T:17S, R:32E	MCA UNIT	100	1/1/2003		No	link		PI	Injection Well	TEMP1020598508
30-025-08042	CONOCOPHILLIPS COMPANY	LEA	S:19, T:17S, R:32E	MCA UNIT	059	1/1/2003		No	link	3,984	I	Injection Well	TEMP982123618
30-025-08044	CONOCOPHILLIPS COMPANY	LEA	S:19, T:17S, R:32E	MCA UNIT	057	1/1/2003	0	No	link	3,974	PO	Temporarily Abandoned	TEMP1267992051

30-025-08046	CONOCOPHILLIPS COMPANY	LEA	S-19, T 17S, R.32E	MCA UNIT	056	1/1/2003			No	link	3,984	I	Temporarily Abandoned	TEMP1223361179
30-025-08047	CONOCOPHILLIPS COMPANY	LEA	S 19, T.17S, R.32E	MCA UNIT	103	1/1/2003	0		No	link	0	O	Pumping	TEMP1498456642
30-025-08052	CONOCOPHILLIPS COMPANY	LEA	S 20, T.17S, R.32E	MCA UNIT	253	1/1/2003			No	link	5,350	PO	Temporarily Abandoned	TEMP1722765251
30-025-08058	CONOCOPHILLIPS COMPANY	LEA	S:20, T:17S, R:32E	MCA UNIT	051	1/1/2003			No	link	0	O	Temporarily Abandoned	TEMP1559246968
30-025-12579	CONOCOPHILLIPS COMPANY	LEA	S 19, T:17S, R:32E	MCA UNIT	102	1/1/2003			No	link		PI	Injection Well	TEMP1574563471
30-025-12755	CONOCOPHILLIPS COMPANY	LEA	S:20, T:17S, R:32E	MCA UNIT	096	1/1/2003	0		No	link	4,048	O	Active	TEMP1529221230
30-025-12762	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R:32E	MCA UNIT	106	1/1/2003			No	link		PI	Injection Well	TEMP1503058305
30-025-12764	CONOCOPHILLIPS COMPANY	LEA	S 19, T:17S, R:32E	MCA UNIT	099	1/1/2003			No	link		PO	Temporarily Abandoned	TEMP1733522896
30-025-12771	CONOCOPHILLIPS COMPANY	LEA	S:20, T:17S, R:32E	MCA UNIT	061	1/1/2003			No	link	4,024	I	Injection Well	TEMP1593089547
30-025-12772	CONOCOPHILLIPS COMPANY	LEA	S 20, T:17S, R:32E	MCA UNIT	064	1/1/2003			No	link		O	Plugged and Abandoned	TEMP1960909496
30-025-12781	CONOCOPHILLIPS COMPANY	LEA	S:30, T 17S, R:32E	MCA UNIT	161	1/1/2003			No	link	4,015	PI	Injection Well	TEMP1829710121
30-025-12798	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R:32E	MCA UNIT	168	1/1/2003			No	link		O	Pumping	TEMP588125420
30-025-23673	CONOCOPHILLIPS COMPANY	LEA	S:19, T:17S, R.32E	MCA UNIT	264	1/1/2003	0		No	link	0	O	Active	TEMP180602882
30-025-23686	CONOCOPHILLIPS COMPANY	LEA	S.20, T 17S, R:32E	MCA UNIT	265	1/1/2003	0		No	link	0	O	Pumping	TEMP187217066
30-025-23687	CONOCOPHILLIPS COMPANY	LEA	S:20, T:17S, R:32E	MCA UNIT	266	1/1/2003	0		No	link	0	O	Active	TEMP44090476
30-025-23707	CONOCOPHILLIPS COMPANY	LEA	S 29, T:17S, R:32E	MCA UNIT	270	1/1/2003	0		No	link	4,130	O	Pumping	TEMP271092327
30-025-23732	CONOCOPHILLIPS COMPANY	LEA	S 19, T 17S, R:32E	MCA UNIT	276	1/1/2003	0		No	link	4,025	O	Pumping	TEMP2132231549
30-025-23733	CONOCOPHILLIPS COMPANY	LEA	S:29, T.17S, R 32E	MCA UNIT	277	1/1/2003			No	link	4,075	O	Pumping	TEMP2123876108
30-025-23741	CONOCOPHILLIPS COMPANY	LEA	S:29, T:17S, R.32E	MCA UNIT	281	1/1/2003	0		No	link	4,025	O	Pumping	TEMP1999217464
30-025-23743	CONOCOPHILLIPS COMPANY	LEA	S.19, T:17S, R:32E	MCA UNIT	283	1/1/2003			No	link	4,075	O	Pumping	TEMP1929853628
30-025-23745	CONOCOPHILLIPS COMPANY	LEA	S:19, T:17S, R 32E	MCA UNIT	285	1/1/2003	0		No	link	4,060	O	Pumping	TEMP2068747981
30-025-23789	CONOCOPHILLIPS COMPANY	LEA	S.30, T:17S, R:32E	MCA UNIT	289	1/1/2003			No	link	4,025	PO	Temporarily Abandoned	TEMP1799423750
30-025-23797	CONOCOPHILLIPS COMPANY	LEA	S 29, T:17S, R.32E	MCA UNIT	294	1/1/2003	0		No	link	4,150	O	Pumping	TEMP1549336965
30-025-23824	CONOCOPHILLIPS COMPANY	LEA	S 30, T:17S, R 32E	MCA UNIT	295	1/1/2003	0		No	link	4,127	O	Pumping	TEMP1708238261
30-025-23836	CONOCOPHILLIPS COMPANY	LEA	S 19, T 17S, R 32E	MCA UNIT	291	1/1/2003			No	link	4,070	PI	Injection Well	TEMP1265886061
30-025-23848	CONOCOPHILLIPS COMPANY	LEA	S 19, T 17S, R.32E	MCA UNIT	286	1/1/2003	0		No	link	4,070	O	Pumping	TEMP1510201612
30-025-24009	CONOCOPHILLIPS COMPANY	LEA	S 30, T:17S, R:32E	MCA UNIT	304	1/1/2003	0		No	link	4,175	O	Pumping	TEMP1714503278
30-025-24056	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R 32E	MCA UNIT	305	1/1/2003	0		No	link	4,100	O	Pumping	TEMP1600232855
30-025-24057	CONOCOPHILLIPS COMPANY	LEA	S:30, T:17S, R 32E	MCA UNIT	306	1/1/2003	0		No	link	4,020	O	Pumping	TEMP1968052804

30-025-24076	CONOCOPHILLIPS COMPANY	LEA	S.29, T.17S, R.32E	MCA UNIT	308	1/1/2003	0	No	link	4,100	O	Pumping	TEMP1843009411
30-025-24108	CONOCOPHILLIPS COMPANY	LEA	S 30, T.17S, R.32E	MCA UNIT	310	1/1/2003	0	No	link	4,025	O	Pumping	TEMP1816846486
30-025-24214	CONOCOPHILLIPS COMPANY	LEA	S.19, T:17S, R.32E	MCA UNIT	320	1/1/2003	0	No	link	4,050	O	Pumping	TEMP805726376
30-025-24234	CONOCOPHILLIPS COMPANY	LEA	S 30, T:17S, R.32E	MCA UNIT	323	1/1/2003	0	No	link	4,080	O	Pumping	TEMP190773275
30-025-29853	CONOCOPHILLIPS COMPANY	LEA	S:29, T 17S, R:32E	MCA UNIT	369	1/1/2003	0	No	link	4,163	O	Pumping	TEMP685284646
30-025-29967	CONOCOPHILLIPS COMPANY	LEA	S.20, T.17S, R.32E	MCA UNIT	374	1/1/2003	0	No	link	4,200	O	Active	TEMP517825164
30-025-31100	CONOCOPHILLIPS COMPANY	LEA	S.29, T.17S, R.32E	MCA UNIT	386	1/1/2003		No	link	4,350	I	Injection Well	TEMP1142657378
30-025-08048	CONOCOPHILLIPS COMPANY	LEA	S:20, T:17S, R.32E	MITCHELL B	015	1/1/2003	0	No	link	0	O	Active	TEMP1743650484
30-025-33584	CONOCOPHILLIPS COMPANY	LEA	S 20, T.17S, R.32E	ELVIS	001	1/1/2003		No	link	13,900	O	Pumping	TEMP724908205
30-025-33949	CONOCOPHILLIPS COMPANY	LEA	S:20, T:17S, R:32E	ELVIS	004	1/1/2003		No	link	12,100	O	Active	TEMP480592653
30-025-35939	MACK ENERGY CORPORATION or MACK ENERGY CORP	LEA	S 19, T:17S, R.32E	GC FEDERAL	2	6/26/2002	7,000	No	link	7,000	PO	Active Permit	TEMP196852289
30-025-35935	MACK ENERGY CORPORATION or MACK ENERGY CORP	LEA	S:19, T.17S, R.32E	GC FEDERAL	004	5/3/2002		No	link	7,028	O	Active	TMP0000000012288
30-025-35935	MACK ENERGY CORP	LEA	S:19, T 17S, R:32E	GC FEDERAL	004	4/30/2002		No	link	7,028	O	Active	TEMP1031476489
30-025-35184	CONOCO, INC.	LEA	S.29, T.17S, R.32E	MCA UNIT	389	12/5/2001		No	link		O	Active	TEMP971455473
30-025-35814	MACK ENERGY CORPORATION or MACK ENERGY CORP	LEA	S:19, T:17S, R:32E	GC FEDERAL	001	11/29/2001		No	link	7,085	O	Pumping	TEMP1642498006
30-025-35813	MACK ENERGY CORPORATION or MACK ENERGY CORP	LEA	S:19, T:17S, R:32E	BC FEDERAL	007	11/28/2001		No	link	6,590	O	Active	TEMP1734513133
30-025-35813	MACK ENERGY CORP	LEA	S.19, T 17S, R:32E	BC FEDERAL	007	10/31/2001		No	link	6,590	O	Active	TEMP1233775605
30-025-35814	MACK ENERGY CORP	LEA	S:19, T:17S, R:32E	GC FEDERAL	001	10/31/2001		No	link	7,085	O	Pumping	TEMP1143374938
30-025-35652	MACK ENERGY CORP	LEA	S 19, T:17S, R:32E	BC FEDERAL	6	8/2/2001	6,000	Yes	link	7,562	O	Pumping	TEMP1941188934
30-025-08057	CONOCO, INC	LEA	S 20, T:17S, R:32E	MCA UNIT	050	5/3/2000		No	link		I	Temporarily Abandoned	TEMP1778985407
30-025-08066	CONOCO, INC.	LEA	S 20, T 17S, R:32E	MCA UNIT	063	4/27/2000		No	link	4,027	O	Temporarily Abandoned	TEMP1555061547
30-025-00758	CONOCO, INC	LEA	S.29, T:17S, R.32E	MCA UNIT	110	4/24/2000		No	link		O	Temporarily Abandoned	TEMP572660046
30-025-34914	KERSEY & CO or KERSEY & COMPANY	LEA	S.32, T 17S, R:32E	HOVER STATE B	008	2/8/2000		No	link	4,202	O	Pumping	TEMP773032310
30-025-00757	CONOCO, INC	LEA	S 29, T.17S, R.32E	MCA UNIT	213	12/29/1999		No	link	4,170	I	Injection Well	TEMP360278653
30-025-08064	CONOCO, INC.	LEA	S.20, T:17S, R.32E	MCA UNIT	065	12/15/1998	0	No	link	0	I	Injection Well	TEMP1878250623
30-015-29152	DEVON ENERGY PRODUCTION COMPANY, LP	EDDY	S.20, T 17S, R:32E	TURNER B	125	3/24/1998		No	link		PO	Unknown	TEMP1678126835
30-025-23930	CONOCO, INC	LEA	S.30, T.17S, R.32E	MCA UNIT	278	3/4/1998	0	No	link	4,040	O	Temporarily Abandoned	TEMP970408331
30-025-23767	CONOCO, INC	LEA	S.29, T:17S, R:32E	MCA UNIT	293	2/18/1998	0	No	link	4,185	O	Pumping	TEMP1261303856

30-025-00756	CONOCO, INC.	LEA	S:29, T:17S, R:32E	MCA UNIT	214	10/6/1997	0	No	link	0	O	Pumping	TEMP1693048843
30-025-00761	CONOCO, INC.	LEA	S:29, T:17S, R:32E	MCA UNIT	158	9/6/1997		No	link	3,994	O	Pumping	TEMP793505915
30-025-26835	MACK ENERGY CORP	LEA	S:32, T:17S, R:32E	HOVER	001	6/6/1997		No	link		O	Pumping	TEMP317115254
30-025-35715	I & W INC	LEA	S:30, T:17S, R:32E	BRINE STATION	529	5/5/1997		No	link		G	Active	TEMP1206687960
30-025-00771	CONOCO, INC.	LEA	S:30, T:17S, R:32E	MCA UNIT	164	9/11/1996	0	No	link	0	I	Injection Well	TEMP998192330
30-025-08053	CONOCO, INC.	LEA	S:20, T:17S, R:32E	MCA UNIT	303	9/5/1996		No	link	13,965	1	Injection Well	TEMP1901720306
30-025-08056	CONOCO, INC	LEA	S:20, T:17S, R:32E	MCA UNIT	049	8/17/1996	0	No	link	0	O	Pumping	TEMP2016375478
30-025-08032	CONOCO, INC	LEA	S:19, T:17S, R:32E	MCA UNIT	259	7/23/1996		No	link		O	Pumping	TEMP940232805
30-025-08043	CONOCO, INC	LEA	S:19, T:17S, R:32E	MCA UNIT	101	9/26/1995		No	link		O	Pumping	TEMP837120100
30-025-27291	MACK ENERGY CORP	LEA	S:32, T:17S, R:32E	HOVER	002	4/17/1995		No	link		O	Pumping	TEMP1103438982
30-025-30438	MACK ENERGY CORP	LEA	S:31, T:17S, R:32E	BROWN FEDERAL	003	2/1/1993		No	link	4,200	PO	Pumping	TEMP919901721
30-025-00760	CONOCO, INC.	LEA	S:29, T:17S, R:32E	MCA UNIT	157	6/29/1990	0	No	link	0	O	Active	TEMP501866249
30-025-00768	CONOCO, INC	LEA	S:29, T:17S, R:32E	MCA UNIT BATTERY 2	155	5/30/1989		No	link		O	Active	TEMP694240699
30-025-30362	MACK ENERGY CORP	LEA	S:31, T:17S, R:32E	BROWN FEDERAL	002	6/1/1988	0	No	link	4,150	O	Pumping	TEMP1218866941
30-025-27292	MACK ENERGY CORP	LEA	S:32, T:17S, R:32E	WALLINGFORD	003	6/1/1981	0	No	link	0	O	Active	TEMP996863536
30-025-00791	MACK ENERGY CORP	LEA	S:32, T:17S, R:32E	HOVER	003	7/1/1980	0	No	link	0	O	Pumping	TEMP57558652
30-025-26720	MACK ENERGY CORP	LEA	S:32, T:17S, R:32E	WALLINGFORD	002	4/1/1980	0	No	link	0	O	Pumping	TEMP1197020665
30-025-12770	CONOCO, INC	LEA	S:19, T:17S, R:32E	MCA UNIT	058	1/1/1970		No	link		O	Active	TEMP480077612
30-025-25460	STEVENS OPERATING CORPORATION or HANAGAN PETROLEUM CORP	LEA	S:30, T:17S, R:32E	PRE-ONGARD WELL	002	1/1/1970		No	link		PO	Active Permit	TEMP142783643

