30-015-39439

Surface Use & Operating Plan

Burch Keely Unit #509

- Surface Tenant: Bogle Farms, Lewis Derrick, P O Box 460, Dexter, NM 88230.
- New Road: approx. 896'
- Flow Line: approx. 3700 Feet
- Facilities: Satellite "C"
- **Well Site Information**
  V Door: East
  Topsoil: North
  Interim Reclamation: North/West

Notes

Onsite: 3/24/2011

John Fast (BLM), Chris Moon (COG), Curtis Griffin (COG), Gary Box (J.W.S)

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. The road route to the well site is depicted on Exhibit #13. The road highlighted in Exhibit #13 will be used to access the well.

C. Directions to location: From the Intersection of US HWY #82 and Co. Rd. #215 (Kewanee), go north on Co. Rd. #215 approx. 1.4 miles to proposed road survey. Follow road survey 196 feet East to the BKU #505 Well Pad. From the Southeast corner of the BKU #505 follow road survey approx. 896 feet East to this location. 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 896' 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 approved caliche pit.

3. Location of Existing Well:

Exhibit #11 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 Burch Keely Satellite "C" Facility located at the Burch Keely #377 well location. The facility location is shown in Exhibit #12.

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 Burch Keely Satellite "C" facility located at the Burch Keely #377 well location. The flowline will be SDR 7 3" poly line laid on the surface and will be approximately 3700 feet in length.

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:

- 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 alongside 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 nor 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. Human waste and grey water will need to be properly contained and disposed of. Proper disposal and elimination of waste and grey water may include but are not limited to portable septic systems and/or portable waste gathering systems (i.e. portable toilets).

F. 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 re-contoured 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.

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 re-vegetated 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 is Bogle Farms, Lewis Derrick, P.O. Box 460, Dexter, NM 88230.

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,

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)

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 make 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 8th day of June, 2011.

Signed: Carl Bird

Printed Name: Carl Bird

Position: Drilling Engineer

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

Telephone: (432) 683-7443

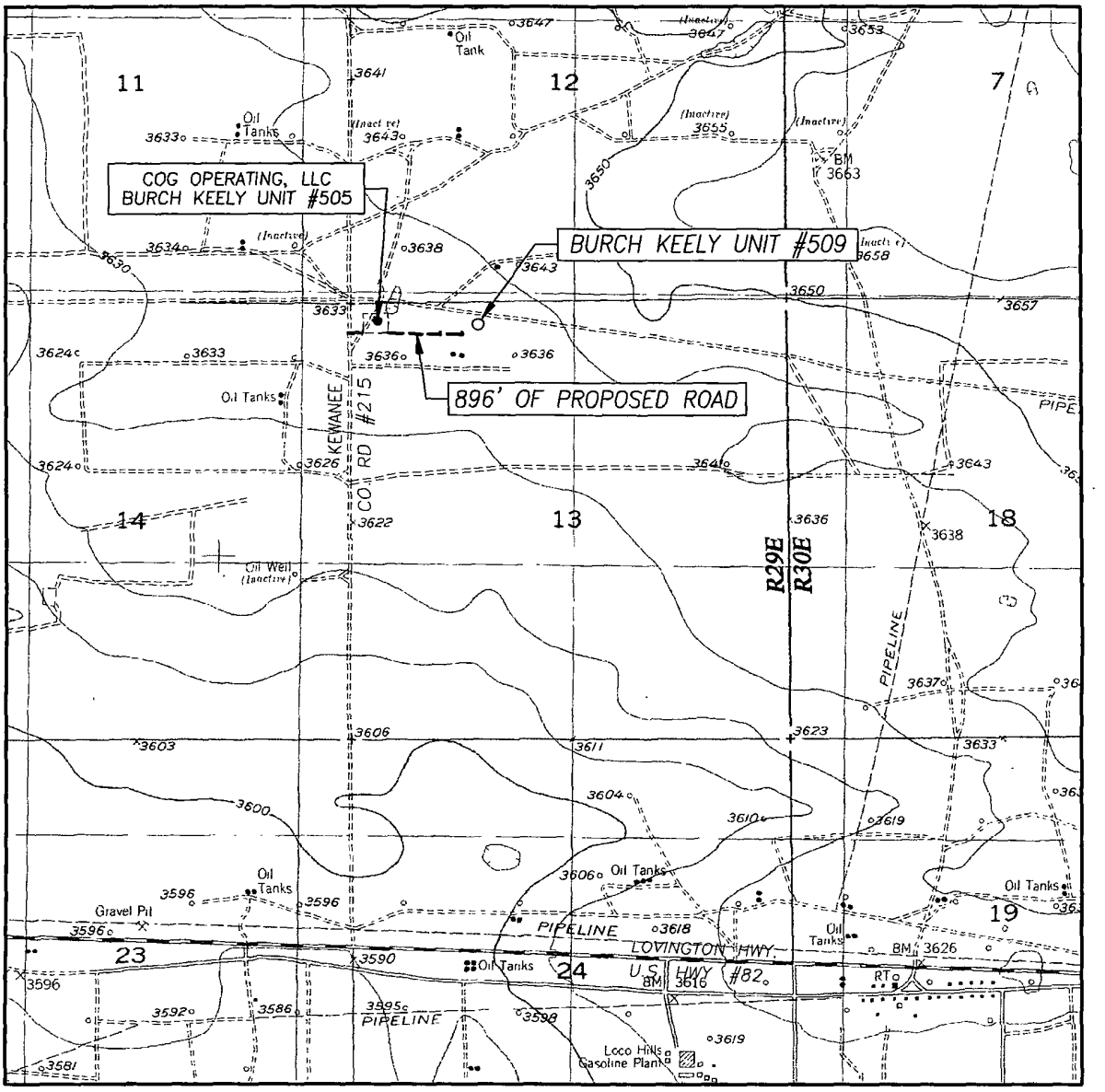
Field Representative (if not above signatory): Same

E-mail: cbird@conchoresources.com

Exhibits:

Exhibit #1	**Wellsite and Elevation Plat**
	Form C-102 Well location and acreage dedication plat
Exhibit #2	**Topographic Map (West)**
Exhibit #3	**Vicinity Map and area roads**
Exhibit #4	**Elevation Plat (West)**
Exhibit #5	**Topographic extract showing wells, roads and flowlines**
Exhibit #6	**Pad Layout and orientation**
Exhibit #7	**H2S Signage**
Exhibit #8	**H2S Equipment location**
Exhibit #9	**BOP and Choke diagrams**
Exhibit #10	**Form C-144 NMOCD pit permit application**
Exhibit #11	**1 Mile Radius List and Map showing all wells permitted, producing and plugged**
Exhibit #12	**Flow Line Route**
Exhibit #13	**Road Route**

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
RED LAKE SE, N.M. – 10'

SEC. 13 TWP 17-S RGE 29-E

SURVEY N.M.P.M

COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 274' FNL & 1545' FWL

ELEVATION 3638'

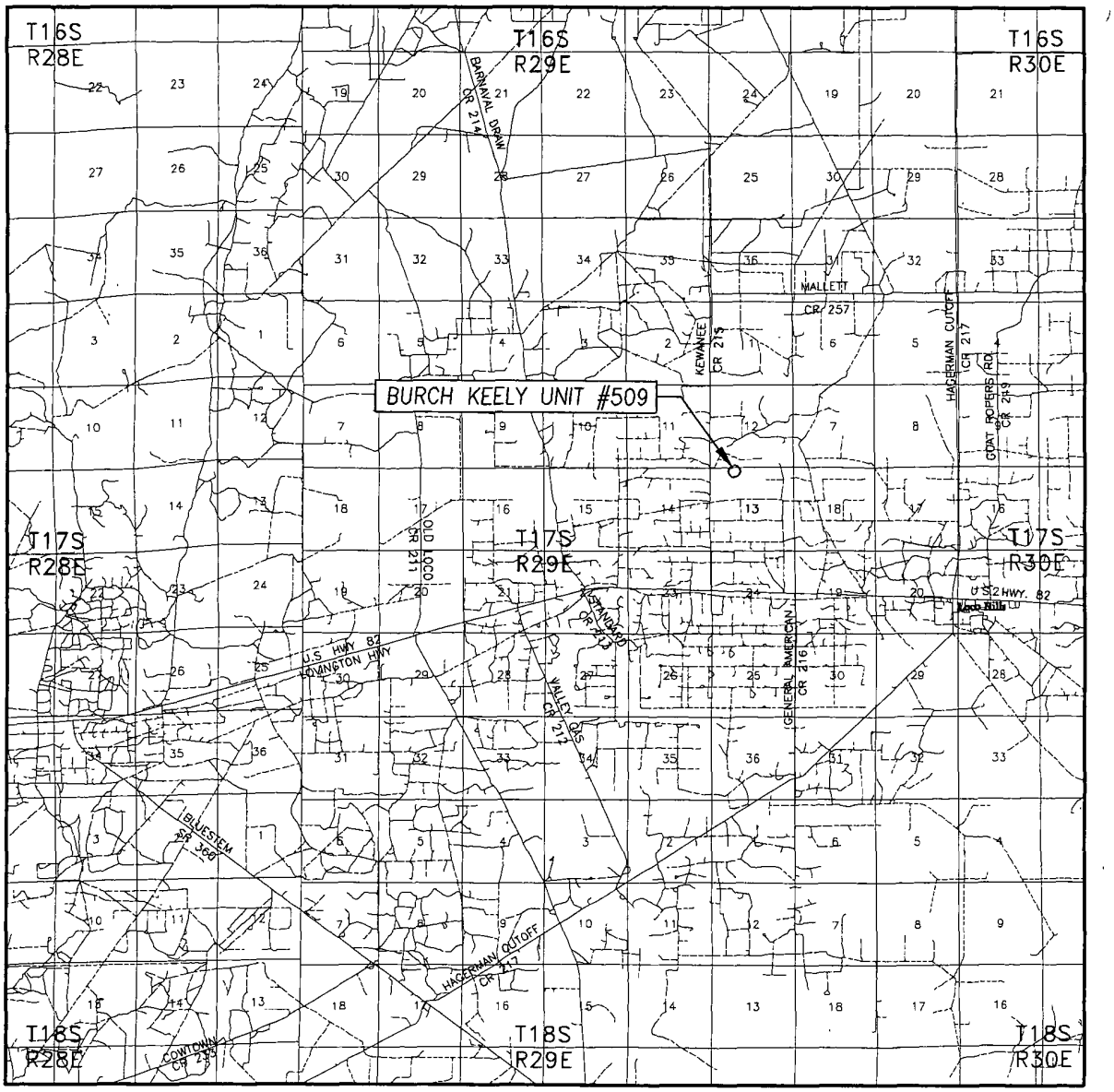
OPERATOR COG OPERATING, INC

LEASE BURCH KEELY UNIT

U.S.G.S. TOPOGRAPHIC MAP
RED LAKE SE, N.M

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

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 13 TWP. 17-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 274' FNL & 1545' FWL

ELEVATION 3638'

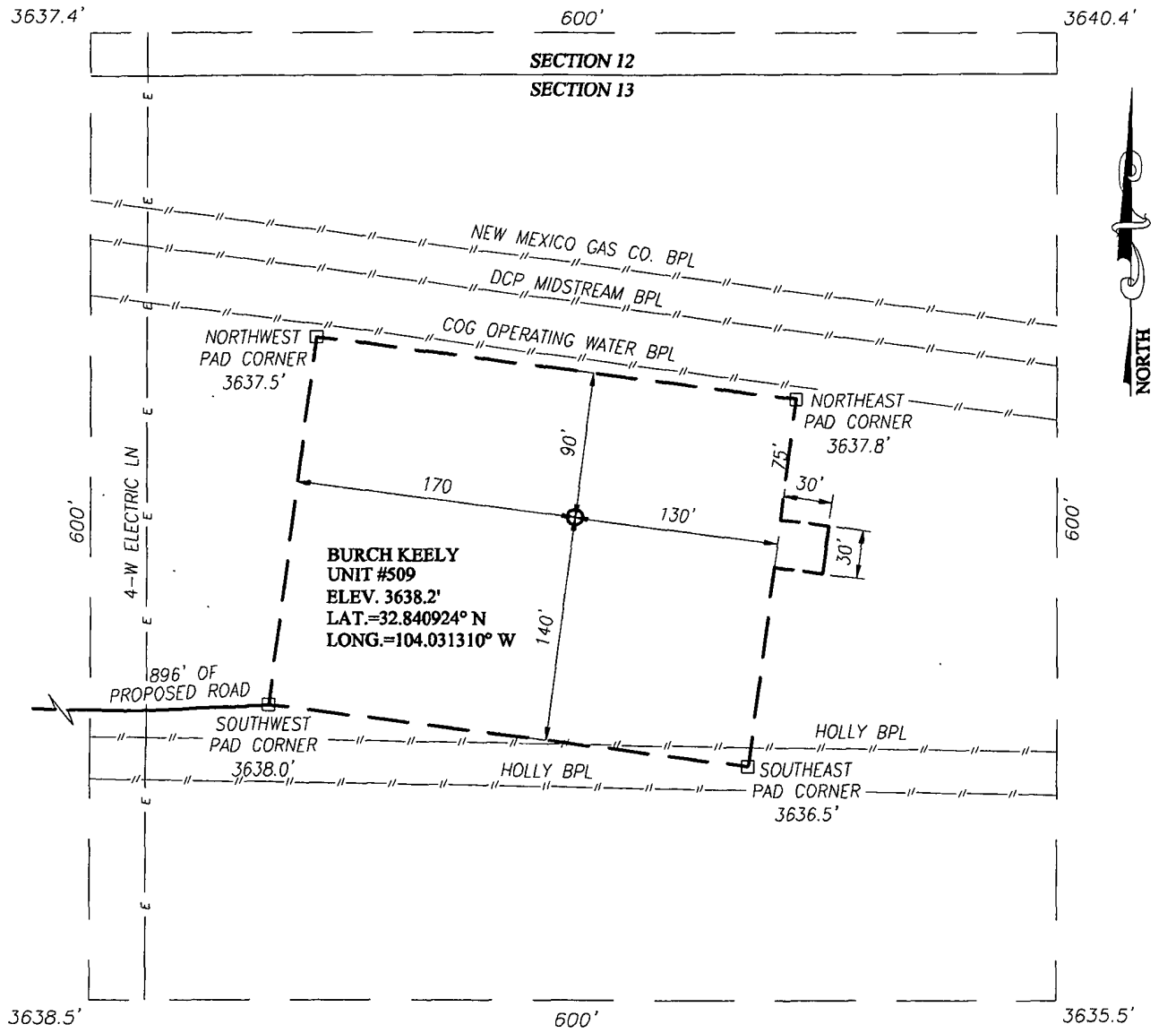
OPERATOR COG OPERATING, LLC

LEASE BURCH KEELY UNIT

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

SECTION 13, TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.

EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #82 AND CO RD #215 (KEWANEE), GO NORTH ON CO. RD. #215 APPROX. 1.4 MILES TURN RIGHT AND GO EAST APPROX. 196 FEET TO THE BURCH KEELY UNIT #505 WELL PAD FROM THE SOUTHEAST CORNER, FOLLOW PROPOSED ROAD SURVEY STAKES EAST APPROX. 896 FEET TO THIS LOCATION.

100 0 100 200 Feet

Scale. 1"=100'

PROVIDING SURVEYING SERVICES SINCE 1946

JOHN WEST SURVEYING COMPANY

412 N DAL PASO

HOBBS, N M 88240

(575) 393-3117

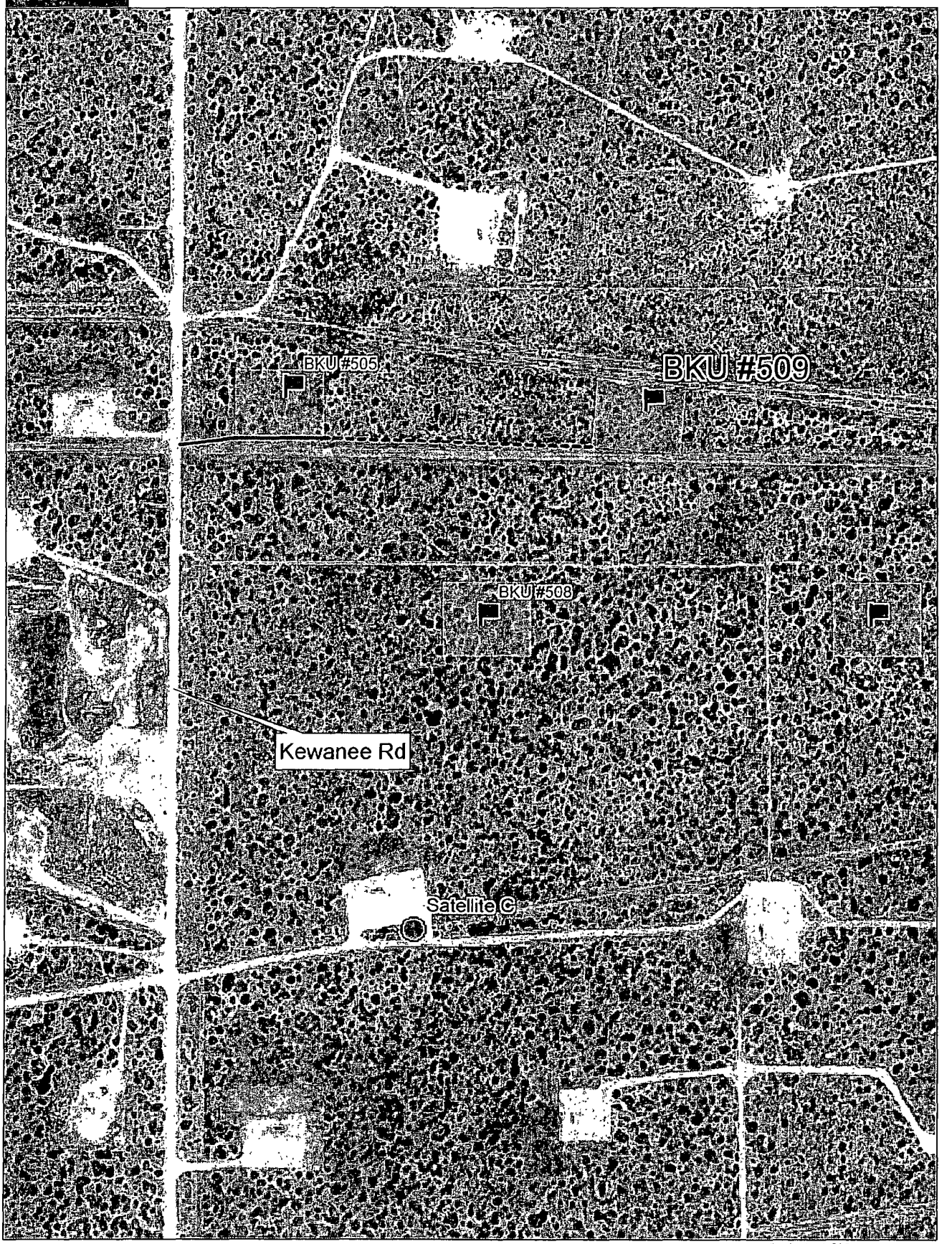
COG OPERATING, LLC

BURCH KEELY UNIT #509 WELL
LOCATED 274 FEET FROM THE NORTH LINE
AND 1545 FEET FROM THE WEST LINE OF SECTION 13,
TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

Survey Date: 5/16/11	Sheet 1 of 1 Sheets		
W.O. Number: 11.11.0103	Dr By: DSS	Rev 1: N/A	
Date: 5/24/11	Rel. W.O.:	11110103	Scale: 1"=100'

DeLORME Access to the BKU #509 From Eddy CR #215 (Kewanee Rd.)

XMap® 7



TN

MN (7 8°E)

Scale 1 . 5,200

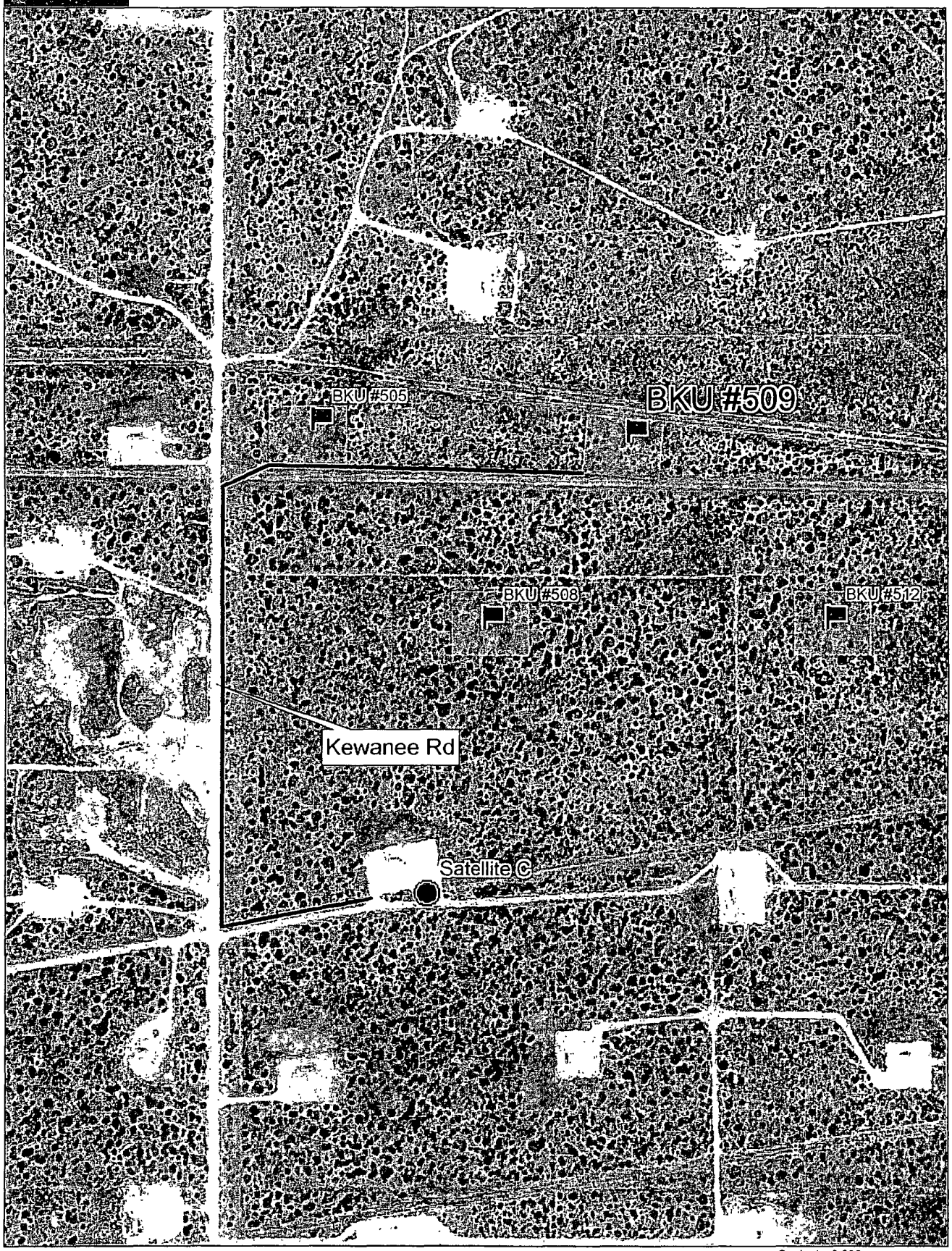
0 140 280 420 560 700 ft

0 40 80 120 160 200 m

1" = 433 3 ft Data Zoom 14-5

Flowline from the BKU #509 To BKU Satellite "C"

DeLORME XMap® 7



TN
MN (7 8°E)

Scale 1 . 6,000
0 180 360 540 720 900 ft
0 40 80 120 160 200 m
1" = 500 0 ft Data Zoom 14-3

Offset wells to Burch Keely Unit #509

API#	Operator	County	Legal	Lease	Well#	Date Issued	Permitted Depth	Permit TVD	Images	Doc	Total Depth	Well Type	Well Status	Permit#
30-015-37558	MEWBOURNE OIL COMPANY	EDDY	S 12, T 17S, R.29E	SKYHAWK "12" FEDERAL COM	1	11/9/2009	11,200		Yes	link	11,200	PG	Active Permit	TEMP49505241
30-015-37113	MARBOB ENERGY CORP	EDDY	S.14, T.17S, R.29E	DODD FEDERAL UNIT	519	6/10/2009	5,000		Yes	link	5,000	PO	Active Permit	TEMP167893324
30-015-36731	MARBOB ENERGY CORPORATION or MARBOB ENERGY CORP	EDDY	S 14, T 17S, R.29E	DODD FEDERAL UNIT	524	10/18/2008	5,000		Yes	link	5,010	O	Active Permit	TEMP225928711
30-015-36157	MARBOB ENERGY CORP	EDDY	S 11, T 17S, R.29E	DODD FEDERAL UNIT	547	2/26/2008	5,000		Yes	link	5,000	O	Active Permit	TEMP1601241905
30-015-36156	MARBOB ENERGY CORP	EDDY	S 11, T 17S, R 29E	DODD FEDERAL UNIT	546	2/26/2008	5,000		Yes	link	5,700	O	Active Permit	TEMP1639325702
30-015-36180	MARBOB ENERGY CORPORATION or MARBOB ENERGY CORP	EDDY	S 13, T 17S, R 29E	BURCH KEELY UNIT	989	2/22/2008	4,800		Yes	link	4,800	PO	Active	TEMP29134805
30-015-35399	MARBOB ENERGY CORP	EDDY	S:13, T 17S, R:29E	BURCH KEELY UNIT	976	1/18/2007	4,800		Yes	link	4,800	PO	Active	TEMP1672752446
30-015-33800	MARBOB ENERGY CORP	EDDY	S 13, T 17S, R 29E	BURCH KEELY UNIT	955	12/28/2005	4,800		Yes	link	4,800	PO	Active	TEMP2107853021
30-015-33805	MARBOB ENERGY CORP	EDDY	S 13, T.17S, R:29E	BURCH KEELY UNIT	391	12/28/2005	4,800		Yes	link	4,800	PO	Active	TEMP961422247
30-015-33809	MARBOB ENERGY CORPORATION or MARBOB ENERGY CORP	EDDY	S.13, T.17S, R:29E	BURCH KEELY UNIT	392	12/28/2005	4,800		Yes	link	4,800	O	Active	TEMP519052025
30-015-34562	MARBOB ENERGY CORP	EDDY	S 14, T 17S, R.29E	DODD FEDERAL UNIT	512	12/19/2005	5,000		No	link	4,550	O	Active Permit	TEMP723402780
30-015-34563	MARBOB ENERGY CORP	EDDY	S 14, T 17S, R 29E	DODD FEDERAL UNIT	513	12/14/2005	5,000		No	link	4,562	O	Active Permit	TEMP163136951
30-015-34564	MARBOB ENERGY CORP	EDDY	S 11, T 17S, R.29E	DODD FEDERAL UNIT	514	12/14/2005	5,000		No	link	4,550	O	Active Permit	TEMP1084618533
30-015-34565	MARBOB ENERGY CORP	EDDY	S:11, T 17S, R.29E	DODD FEDERAL UNIT	515	12/14/2005	5,000		No	link	4,570	O	Active Permit	TEMP1698187404
30-015-34566	MARBOB ENERGY CORP	EDDY	S 11, T 17S, R 29E	DODD FEDERAL UNIT	516	12/14/2005	5,000		No	link	4,550	O	Active Permit	TEMP1566277659
30-015-34568	MARBOB ENERGY CORP	EDDY	S 11, T 17S, R 29E	DODD FEDERAL UNIT	518	11/2/2005	5,000		No	link	4,550	O	Active Permit	TEMP903310977

30-015-34018	MARBOB ENERGY CORP	EDDY	S:24, T:17S, R 29E	BURCH KEELY UNIT	967	3/17/2005	4,800		No	link	4,650	O	Active	TEMP1039340767
30-015-33796	MARBOB ENERGY CORP	EDDY	S.13, T.17S, R.29E	BURCH KEELY UNIT	950	9/15/2004	4,800		No	link	4,650	O	Active	TEMP1014299753
30-015-33797	MARBOB ENERGY CORP	EDDY	S 13, T:17S, R 29E	BURCH KEELY UNIT	952	9/15/2004	4,800		No	link	4,660	O	Active	TEMP1796645864
30-015-33798	MARBOB ENERGY CORP	EDDY	S:13, T 17S, R:29E	BURCH KEELY UNIT	953	9/15/2004	4,800		No	link	4,590	O	Active	TEMP1555762953
30-015-33799	MARBOB ENERGY CORP	EDDY	S.13, T:17S, R:29E	BURCH KEELY UNIT	954	9/15/2004	4,800		No	link	4,630	O	Active	TEMP1956055051
30-015-33800	MARBOB ENERGY CORP	EDDY	S.13, T 17S, R.29E	BURCH KEELY UNIT	955	9/15/2004	4,800		No	link	4,800	PO	Active	TEMP512352416
30-015-33803	MARBOB ENERGY CORP	EDDY	S:13, T 17S, R:29E	BURCH KEELY UNIT	959	9/15/2004	4,800		No	link	4,650	O	Active	TEMP440200298
30-015-33804	MARBOB ENERGY CORP	EDDY	S 13, T:17S, R:29E	BURCH KEELY UNIT	958	9/15/2004	4,800		No	link	4,650	G	Active	TEMP984819206
30-015-33805	MARBOB ENERGY CORP	EDDY	S:13, T 17S, R.29E	BURCH KEELY UNIT	960	9/15/2004	4,800		No	link	4,800	PO	Active	TEMP297125137
30-015-33806	MARBOB ENERGY CORP	EDDY	S 13, T:17S, R:29E	BURCH KEELY UNIT	961	9/15/2004	4,800		No	link	4,580	O	Active	TEMP1070427340
30-015-33808	MARBOB ENERGY CORP	EDDY	S.13, T:17S, R:29E	BURCH KEELY UNIT	963	9/15/2004	4,800		No	link	4,650	O	Active	TEMP1592329497
30-015-33795	MARBOB ENERGY CORP	EDDY	S:13, T:17S, R 29E	BURCH KEELY UNIT	951	9/13/2004	4,800		No	link	4,690	O	Active	TEMP2115707526
30-015-33801	MARBOB ENERGY CORP	EDDY	S:13, T 17S, R.29E	BURCH KEELY	956	9/13/2004	4,800		No	link	4,560	O	Active	TEMP135698567
30-015-33802	MARBOB ENERGY CORP	EDDY	S.13, T:17S, R:29E	BURCH KEELY UNIT	957	9/13/2004	4,800		No	link	4,650	O	Active	TEMP282921123
30-015-33807	MARBOB ENERGY CORP	EDDY	S:13, T:17S, R:29E	BURCH KEELY UNIT	962	9/13/2004	4,800		No	link	4,670	O	Active	TEMP2000886856
30-015-33809	MARBOB ENERGY CORP	EDDY	S.13, T:17S, R 29E	BURCH KEELY UNIT	964	9/13/2004	4,800		No	link	4,800	O	Active	TEMP1275510941
30-015-33795	MARBOB ENERGY CORP	EDDY	S:13, T:17S, R:29E	BURCH KEELY UNIT	951	8/31/2004			No	link	4,690	O	Active	TEMP1005737323
30-015-33796	MARBOB ENERGY CORP	EDDY	S:13, T 17S, R.29E	BURCH KEELY UNIT	950	8/31/2004			No	link	4,650	O	Active	TEMP842203716
30-015-33797	MARBOB ENERGY CORP	EDDY	S 13, T:17S, R 29E	BURCH KEELY UNIT	952	8/31/2004			No	link	4,660	O	Active	TEMP587884693
30-015-33799	MARBOB ENERGY CORP	EDDY	S:13, T 17S, R:29E	BURCH KEELY UNIT	954	8/31/2004			No	link	4,630	O	Active	TEMP138905979
30-015-33800	MARBOB ENERGY CORP	EDDY	S 13, T.17S, R:29E	BURCH KEELY UNIT	955	8/31/2004			No	link	4,800	PO	Active	TEMP1007429560
30-015-33798	MARBOB ENERGY CORP	EDDY	S:13, T:17S, R 29E	BURCH KEELY UNIT	953	8/31/2004			No	link	4,590	O	Active	TEMP525708613
30-015-33805	MARBOB ENERGY CORP	EDDY	S:13, T 17S, R:29E	BURCH KEELY UNIT	960	8/31/2004			No	link	4,800	PO	Active	TEMP438872204
30-015-33806	MARBOB ENERGY CORP	EDDY	S 13, T:17S, R 29E	BURCH KEELY UNIT	961	8/31/2004			No	link	4,580	O	Active	TEMP939374977
30-015-33807	MARBOB ENERGY CORP	EDDY	S:13, T:17S, R:29E	BURCH KEELY UNIT	962	8/31/2004			No	link	4,670	O	Active	TEMP693889855
30-015-33808	MARBOB ENERGY CORP	EDDY	S:13, T:17S, R:29E	BURCH KEELY UNIT	963	8/31/2004			No	link	4,650	O	Active	TEMP460732021
30-015-33809	MARBOB ENERGY CORP	EDDY	S.13, T 17S, R.29E	BURCH KEELY UNIT	964	8/31/2004			No	link	4,800	O	Active	TEMP185646131

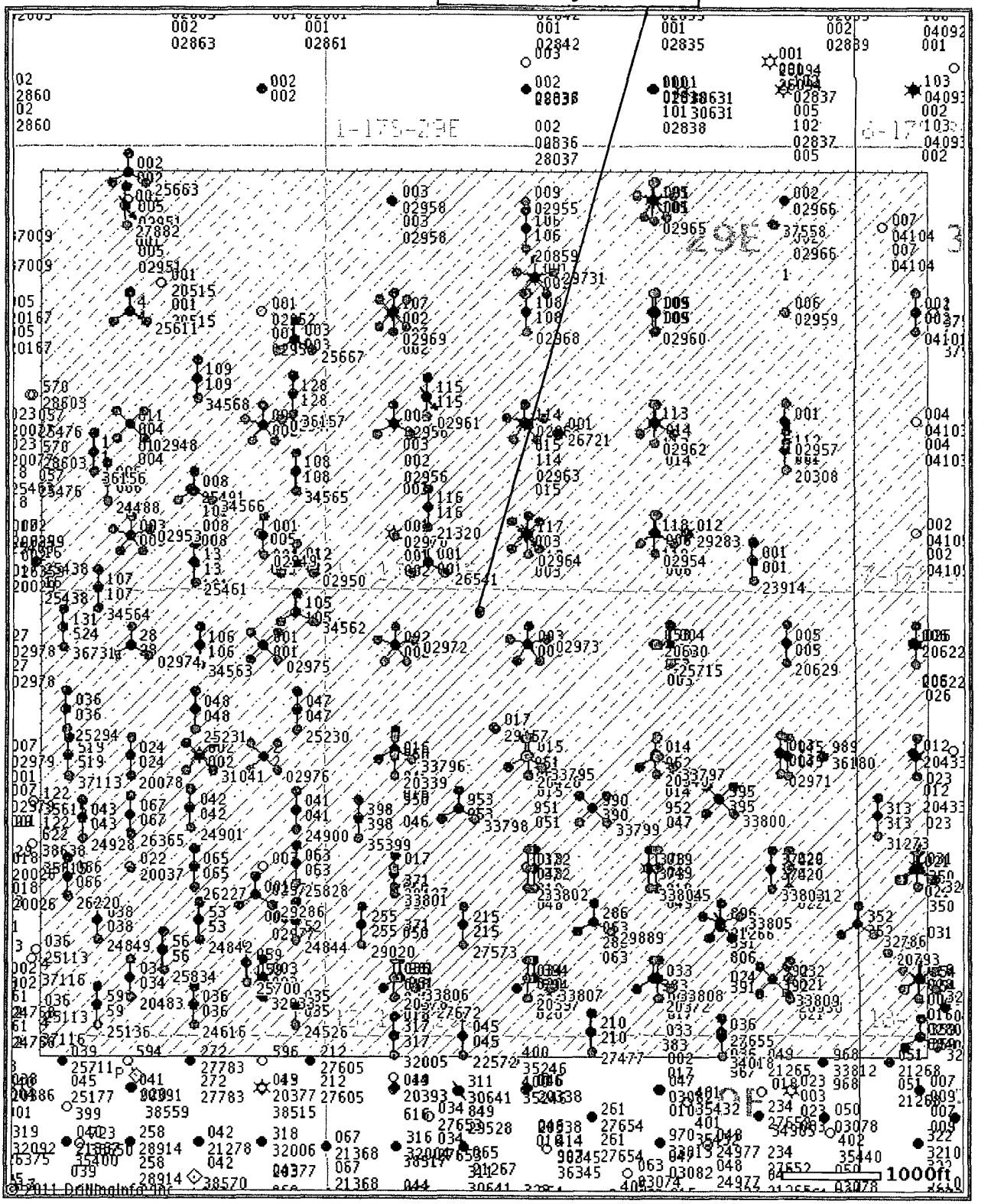
30-015-32969	MARBOB ENERGY CORP	EDDY	S 19, T 17S, R 30E	BURCH KEELY UNIT	359	10/31/2003			No	link	4,728	O	Active	TEMP1595424550
30-015-32033	MARBOB ENERGY CORP	EDDY	S 14, T 17S, R.29E	M DODD B DEEP FEDERAL	003	9/24/2003	11,300		No	link	11,300	G	Active	TEMP484017318
30-015-32033	MARBOB ENERGY CORP	EDDY	S.14, T.17S, R.29E	M DODD B DEEP FEDERAL	003	8/31/2003			No	link	11,300	G	Active	TEMP1104437860
30-015-32969	MARBOB ENERGY CORP	EDDY	S.19, T.17S, R 30E	BURCH KEELY UNIT	934	8/26/2003	4,800		No	link	4,728	O	Active	TEMP1870303917
30-015-32786	MARBOB ENERGY CORP	EDDY	S 18, T 17S, R.30E	BURCH KEELY UNIT	352	7/29/2003			No	link	4,662	O	Active	TEMP1549570835
30-015-32788	MARBOB ENERGY CORP	EDDY	S 18, T 17S, R 30E	BURCH KEELY UNIT	354	7/29/2003			No	link	4,719	O	Active	TEMP1815047576
30-015-32784	MARBOB ENERGY CORP	EDDY	S:18, T.17S, R 30E	BURCH KEELY UNIT	928	5/6/2003	4,800		No	link	4,710	O	Active	TEMP1136984499
30-015-32786	MARBOB ENERGY CORP	EDDY	S:18, T 17S, R 30E	BURCH KEELY UNIT	930	5/6/2003	4,800		No	link	4,662	O	Active	TEMP1107358834
30-015-32788	MARBOB ENERGY CORP	EDDY	S:18, T:17S, R 30E	BURCH KEELY UNIT	932	5/6/2003	4,800		No	link	4,719	O	Active	TEMP1175459389
30-015-26541	HANSON ENERGY	EDDY	S.12, T:17S, R 29E	S L FEDERAL	001	5/1/2003			No	link	4,580	PO	Pumping	TEMP78548069
30-015-32784	MARBOB ENERGY CORP	EDDY	S.18, T.17S, R:30E	BURCH KEELY UNIT	350	4/30/2003			No	link	4,710	O	Active	TEMP428812811
30-015-32005	MARBOB ENERGY CORP	EDDY	S 24, T 17S, R:29E	BURCH KEELY UNIT	317	10/3/2001			No	link	4,580	O	Pumping	TEMP1288919647
30-015-29731	EOG RESOURCES INC	EDDY	S.12, T:17S, R 29E	DAGGER 12 FEDERAL COM	001	12/7/2000			No	link		G	Active	TEMP95976417
30-015-31041	MARBOB ENERGY CORP	EDDY	S:14, T.17S, R.29E	M DODD B DEEP FEDERAL	002	9/30/2000			No	link	11,185	G	Active	TEMP1738545978
30-015-31273	MARBOB ENERGY CORP	EDDY	S:18, T 17S, R:30E	BURCH KEELY UNIT	313	7/27/2000			No	link	4,675	O	Pumping	TEMP1548525226
30-015-31041	MARBOB ENERGY CORP	EDDY	S.14, T 17S, R.29E	M DODD B DEEP FEDERAL	002	3/20/2000	5,000		No	link	11,185	G	Active	TEMP1161639687
30-015-27655	MARBOB ENERGY CORP	EDDY	S.13, T.17S, R.29E	KEELY A FED	036	2/10/1999	0		No	link	0	PO	Unknown	TEMP1454469706
30-015-29457	EOG RESOURCES INC	EDDY	S 13, T 17S, R:29E	GRAYBURG DEEP UNIT	017	7/30/1998			No	link		PG	Unknown	TEMP1242287527
30-015-02954	RODNEY B WEBB DBA WEBB OIL CO	EDDY	S:12, T:17S, R 29E	SQUARE LAKE 12 UNIT	118	1/1/1998	0		No	link	0	O	Pumping	TEMP1860055819
30-015-02960	RODNEY B WEBB DBA WEBB OIL CO	EDDY	S.12, T:17S, R 29E	SQUARE LAKE 12 UNIT	109	1/1/1998	0		No	link	0	O	Pumping	TEMP1886218745
30-015-02961	RODNEY B WEBB DBA WEBB OIL CO	EDDY	S.12, T 17S, R.29E	SQUARE LAKE 12 UNIT	115	1/1/1998	0		No	link	0	I	Injection Well	TEMP1992794190
30-015-02962	RODNEY B WEBB DBA WEBB OIL CO	EDDY	S.12, T:17S, R.29E	SQUARE LAKE 12 UNIT	113	1/1/1998	0		No	link	0	PI	Flowing	TEMP1079825850
	RODNEY B WEBB DBA			SQUARE LAKE 12										

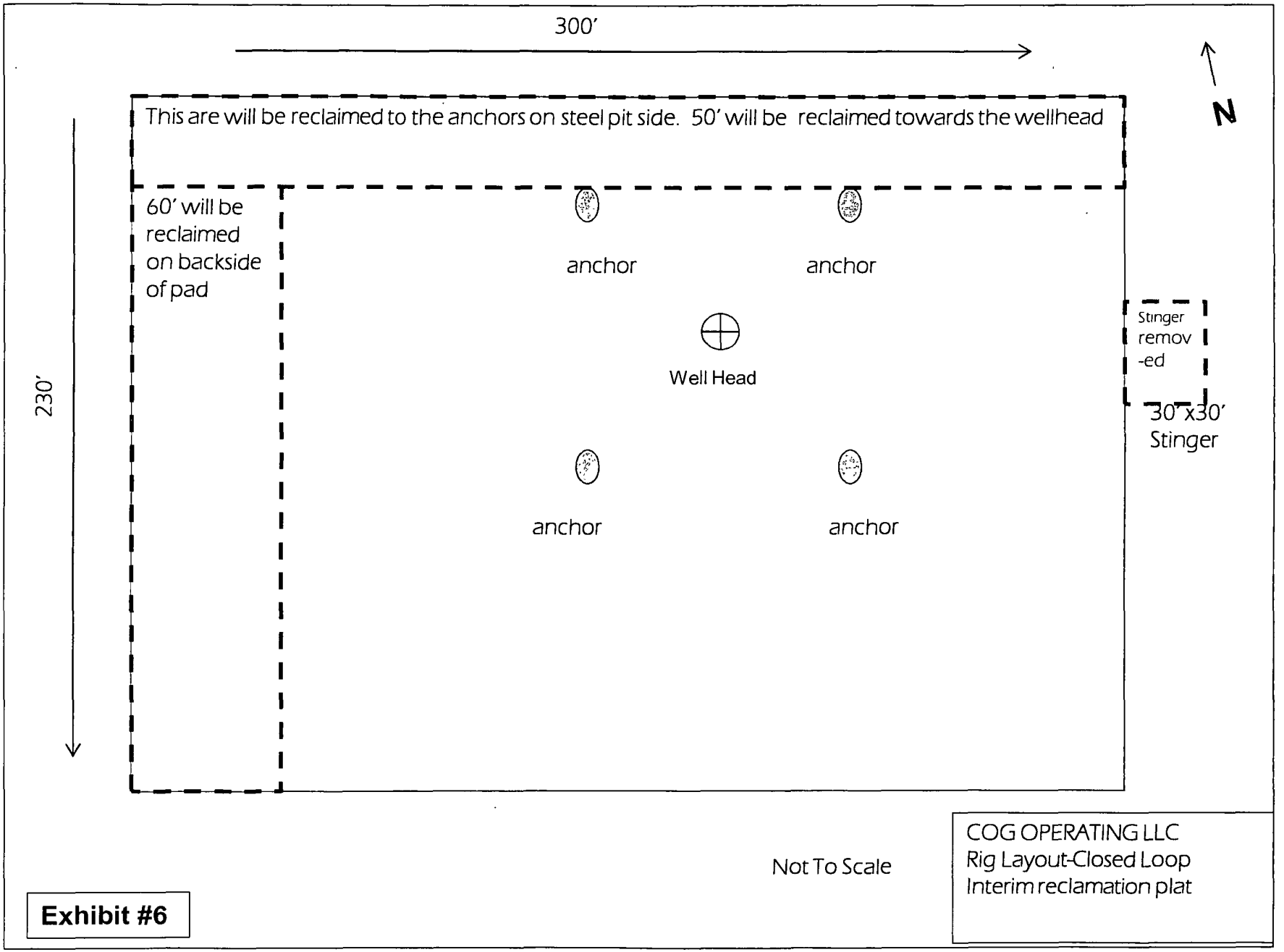
30-015-02964	WEBB OIL CO	EDDY	S.12, T 17S, R:29E	UNIT	117	1/1/1998	0		No	link	0	PI	Shut-in	TEMP955167207
30-015-02965	RODNEY B WEBB DBA WEBB OIL CO	EDDY	S.12, T.17S, R:29E	SQUARE LAKE 12 UNIT	105	1/1/1998	0		No	link	0	I	Flowing	TEMP928619533
30-015-02968	RODNEY B WEBB DBA WEBB OIL CO	EDDY	S.12, T 17S, R:29E	SQUARE LAKE 12 UNIT	108	1/1/1998	0		No	link	0	PO	Pumping	TEMP1197943763
30-015-02969	RODNEY B WEBB DBA WEBB OIL CO	EDDY	S.12, T 17S, R:29E	SQUARE LAKE 12 UNIT	107	1/1/1998	0		No	link	0	O	Pumping	TEMP1197174265
30-015-20308	RODNEY B WEBB DBA WEBB OIL CO	EDDY	S 12, T 17S, R:29E	SQUARE LAKE 12 UNIT	112	1/1/1998	0		No	link	0	O	Pumping	TEMP542627730
30-015-20859	RODNEY B WEBB DBA WEBB OIL CO	EDDY	S 12, T 17S, R 29E	SQUARE LAKE 12 UNIT	106	1/1/1998	0		No	link	0	O	Pumping	TEMP709300624
30-015-21320	RODNEY B WEBB DBA WEBB OIL CO	EDDY	S 12, T 17S, R 29E	SQUARE LAKE 12 UNIT	116	1/1/1998	0		No	link	12,663	O	Pumping	TEMP916156209
30-015-29889	MARBOB ENERGY CORP	EDDY	S 13, T 17S, R 29E	BURCH KEELY UNIT	286	10/10/1997			No	link	4,606	O	Pumping	TEMP766547777
30-015-29286	MARBOB ENERGY CORP	EDDY	S:14, T:17S, R.29E	M DODD B DEEP FEDERAL	001	5/28/1997			No	link	10,995	O	Pumping	TEMP1240886449
30-015-29283	EOG RESOURCES INC	EDDY	S 12, T 17S, R 29E	GRAYBURG DEEP UNIT	012	11/25/1996			No	link	11,340	G	Active	TEMP1772224680
30-015-29020	MARBOB ENERGY CORP	EDDY	S:13, T 17S, R:29E	BURCH KEELY UNIT	255	6/25/1996			No	link	4,600	O	Pumping	TEMP1575814276
30-015-27988	MARBOB ENERGY CORP	EDDY	S 13, T 17S, R:29E	BURCH KEELY UNIT	806	5/31/1996			No	link	8,450	X	Cancelled	TEMP1065027198
30-015-27672	MARBOB ENERGY CORP	EDDY	S:13, T:17S, R.29E	KEELY A FED	033	11/4/1995	0		No	link	0	PO	Unknown	TEMP735004587
30-015-27882	MARBOB ENERGY CORP	EDDY	S 11, T 17S, R 29E	SABER FEDERAL	001	9/15/1994			No	link	10,910	D	Salt Water Disposal	TEMP847036918
30-015-27477	MARBOB ENERGY CORP	EDDY	S.13, T.17S, R 29E	BURCH KEELY UNIT	210	6/13/1994			No	link	4,600	O	Pumping	TEMP1812873435
30-015-26365	MARBOB ENERGY CORP	EDDY	S.14, T 17S, R.29E	M DODD B	067	3/10/1994			No	link	4,535	O	Active	TEMP1452254802
30-015-27573	MARBOB ENERGY CORP	EDDY	S 13, T.17S, R 29E	BURCH KEELY UNIT	215	3/2/1994			No	link	4,600	O	Pumping	TEMP986048049
30-015-27656	MARBOB ENERGY CORP	EDDY	S 13, T 17S, R 29E	KEELY C FEDERAL	063	8/26/1993	0		No	link	4,600	PO	Unknown	TEMP1074337792
30-015-26220	MARBOB ENERGY CORP	EDDY	S.14, T.17S, R 29E	M DODD B	066	1/1/1990			No	link	0	PO	Pumping	TEMP1475882421
30-015-26227	MARBOB ENERGY CORP	EDDY	S 14, T:17S, R:29E	M DODD B	065	1/1/1990			No	link	4,585	PO	Pumping	TEMP290855809
30-015-25834	MARBOB ENERGY CORP	EDDY	S 14, T 17S, R.29E	M DODD B	064	2/1/1988			No	link	4,580	O	Pumping	TEMP161532277
30-015-25828	MARBOB ENERGY CORP	EDDY	S 14, T 17S, R 29E	M DODD B	063	12/1/1987			No	link	4,545	O	Pumping	TEMP257719502
30-015-25700	MARBOB ENERGY CORP	EDDY	S.14, T 17S, R.29E	M DODD B	059	10/1/1987			No	link	4,585	PO	Pumping	TEMP2083906347
30-015-25667	MARBOB ENERGY CORP	EDDY	S 11, T 17S, R 29E	RAPER FEDERAL	003	9/1/1987	0		No	link	4,590	O	Pumping	TEMP1374247415

30-015-25715	MARBOB ENERGY CORP	EDDY	S.13, T 17S, R.29E	BURCH KEELY UNIT	004	9/1/1987			No	link	4,680	PO	Pumping	TEMP37229663
30-015-25663	MARBOB ENERGY CORP	EDDY	S 11, T.17S, R.29E	RAPER FEDERAL	002	12/1/1986	0		No	link	4,510	O	Pumping	TEMP1198032419
30-015-25611	MARBOB ENERGY CORP	EDDY	S.11, T 17S, R.29E	RAPER FEDERAL	001	4/16/1986			No	link	4,560	O	Pumping	TEMP1605632816
30-015-25461	MARBOB ENERGY CORP	EDDY	S 11, T.17S, R.29E	BOYD DODD B	007	1/1/1986			No	link	4,529	O	Pumping	TEMP1720936822
30-015-25230	MARBOB ENERGY CORP	EDDY	S 14, T 17S, R 29E	M DODD B	047	12/1/1985			No	link	4,546	PO	Pumping	TEMP1655727079
30-015-25231	MARBOB ENERGY CORP	EDDY	S 14, T 17S, R 29E	M DODD B	048	11/1/1985			No	link	4,462	PO	Pumping	TEMP1641876119
30-015-25294	MARBOB ENERGY CORP	EDDY	S.14, T.17S, R.29E	M DODD B	050	11/1/1985			No	link	4,533	PO	Pumping	TEMP472993636
30-015-25136	MARBOB ENERGY CORP	EDDY	S.14, T 17S, R 29E	M DODD B	045	1/1/1985			No	link	3,600	O	Pumping	TEMP1284893440
30-015-24488	MARBOB ENERGY CORP	EDDY	S.11, T.17S, R.29E	BOYD DODD B	006	12/1/1984			No	link	3,491	PO	Pumping	TEMP842878251
30-015-24928	MARBOB ENERGY CORP	EDDY	S.14, T.17S, R.29E	M DODD B	043	12/1/1984			No	link	3,495	PO	Pumping	TEMP1930840871
30-015-24900	MARBOB ENERGY CORP	EDDY	S.14, T.17S, R.29E	M DODD B	041	10/1/1984			No	link	3,450	PO	Pumping	TEMP403002989
30-015-24901	MARBOB ENERGY CORP	EDDY	S 14, T.17S, R.29E	M DODD B	042	10/1/1984			No	link	3,450	PO	Pumping	TEMP35183040
30-015-24844	MARBOB ENERGY CORP	EDDY	S.14, T.17S, R.29E	M DODD B	039	6/1/1984			No	link	3,466	O	Pumping	TEMP746073410
30-015-24842	MARBOB ENERGY CORP	EDDY	S.14, T 17S, R.29E	M DODD B	037	5/1/1984			No	link	3,450	O	Pumping	TEMP501757858
30-015-24849	MARBOB ENERGY CORP	EDDY	S.14, T.17S, R.29E	M DODD B	038	5/1/1984			No	link	3,450	PO	Pumping	TEMP816097710
30-015-24616	MARBOB ENERGY CORP	EDDY	S.14, T 17S, R.29E	M DODD B	036	3/1/1984			No	link	3,445	PO	Pumping	TEMP90507257
30-015-24526	MARBOB ENERGY CORP	EDDY	S.14, T.17S, R 29E	M DODD B	035	8/1/1983			No	link	3,500	PO	Pumping	TEMP551851836
30-015-23914	MARBOB ENERGY CORP	EDDY	S 12, T 17S, R 29E	BURCH KEELY UNIT	001	12/1/1981			No	link	3,600	PO	Pumping	TEMP1977101324
30-015-22572	MARBOB ENERGY CORP	EDDY	S 24, T.17S, R 29E	BURCH KEELY UNIT	045	9/1/1978	0		No	link	0	O	Pumping	TEMP1579114431
30-015-20630	STEVENS OPERATING CORPORATION or HANAGAN PETROLEUM CORP	EDDY	S.13, T 17S, R.29E	PRE-ONGARD WELL	053	1/1/1970			No	link		PO	Active Permit	TEMP994628098
30-015-21266	STEVENS OPERATING CORPORATION or HANAGAN PETROLEUM CORP	EDDY	S 13, T.17S, R.29E	PRE-ONGARD WELL	024	1/1/1970			No	link		PO	Active Permit	TEMP1373978076
30-015-25491	STEVENS OPERATING CORPORATION or HANAGAN PETROLEUM CORP	EDDY	S 11, T.17S, R 29E	PRE-ONGARD WELL	008	1/1/1970			No	link		PO	Active Permit	TEMP709004852

30-015-26721	STEVENS OPERATING CORPORATION or HANAGAN PETROLEUM CORP	EDDY	S 12, T 17S, R 29E	PRE-ONGARD WELL	001	1/1/1970			No	link		PO	Active Permit	TEMP287266581

Offset wells to Burch Keely Unit #509




300'
N
This are will be reclaimed to the anchors on steel pit side. 50' will be reclaimed towards the wellhead
60' will be reclaimed on backside of pad
anchor
anchor
Well Head
Stinger remov -ed
30' x30' Stinger
230'
anchor
anchor
Not To Scale
COG OPERATING LLC
Rig Layout-Closed Loop
Interim reclamation plat
Exhibit #6