

30-015-39271

# Surface Use & Operating Plan

## Folk Federal #22

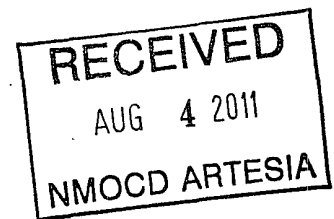
- Surface Tenant: Bogle Farms, Lewis Derrick, P O Box 441, Artesia, NM 88211.
- New Road: approx. 270'
- Flow Line: approx. 1 mile
- Facilities: Folk Federal #10 tank battery

### Well Site Information

V Door: East

Topsoil: North

Interim Reclamation: North/West



### Notes

-N/A

**Onsite:** 3/21/2011

Tanner Nygrene (BLM), Chris Moon (COG), Caden Jameson (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 US Highway 82 and Co. Rd. 211 (Old Loco Rd.), go north on Co. Rd. #211 approx. 1.9 miles. Turn left and go west approx. 0.3 miles to the Folk Fed. #24. This location is approx. 520 feet north of existing well. 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 270' 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 #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 Folk Federal ~~#10~~<sup>#2</sup> tank battery located at the Folk Federal #10 at 2065 FNL & 990 FEL, Section 17, T17S, R29E, UL H. Section 17. 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 Folk Federal ~~#10~~<sup>2</sup> tank battery located at the Folk Federal ~~#10 at 2065 FNL & 990 FEL~~, Section 17, T17S, R29E, UL H. Section 17. The flowline will be SDR 7 3" poly line laid on the surface and will be approximately 1.0 miles 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:
    - 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 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 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. 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 (i.e. waste tanks attached to portable homes) 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 for this site is Bogle Farms, Lewis Derrick, P.O. Box 441, Artesia, NM 88211.
- 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)

**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**



*Surface Use Plan*  
*COG Operating, LLC*  
*Folk Federal #22*  
*SL: 300' FNL & 990' FWL      UL D*  
*Section 17, T-17-S, R-29-E*  
*Eddy County, New Mexico*

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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 17th day of April, 2011.

Signed: Carl Bird

Printed Name: Carl Bird

Position: Drilling Engineer

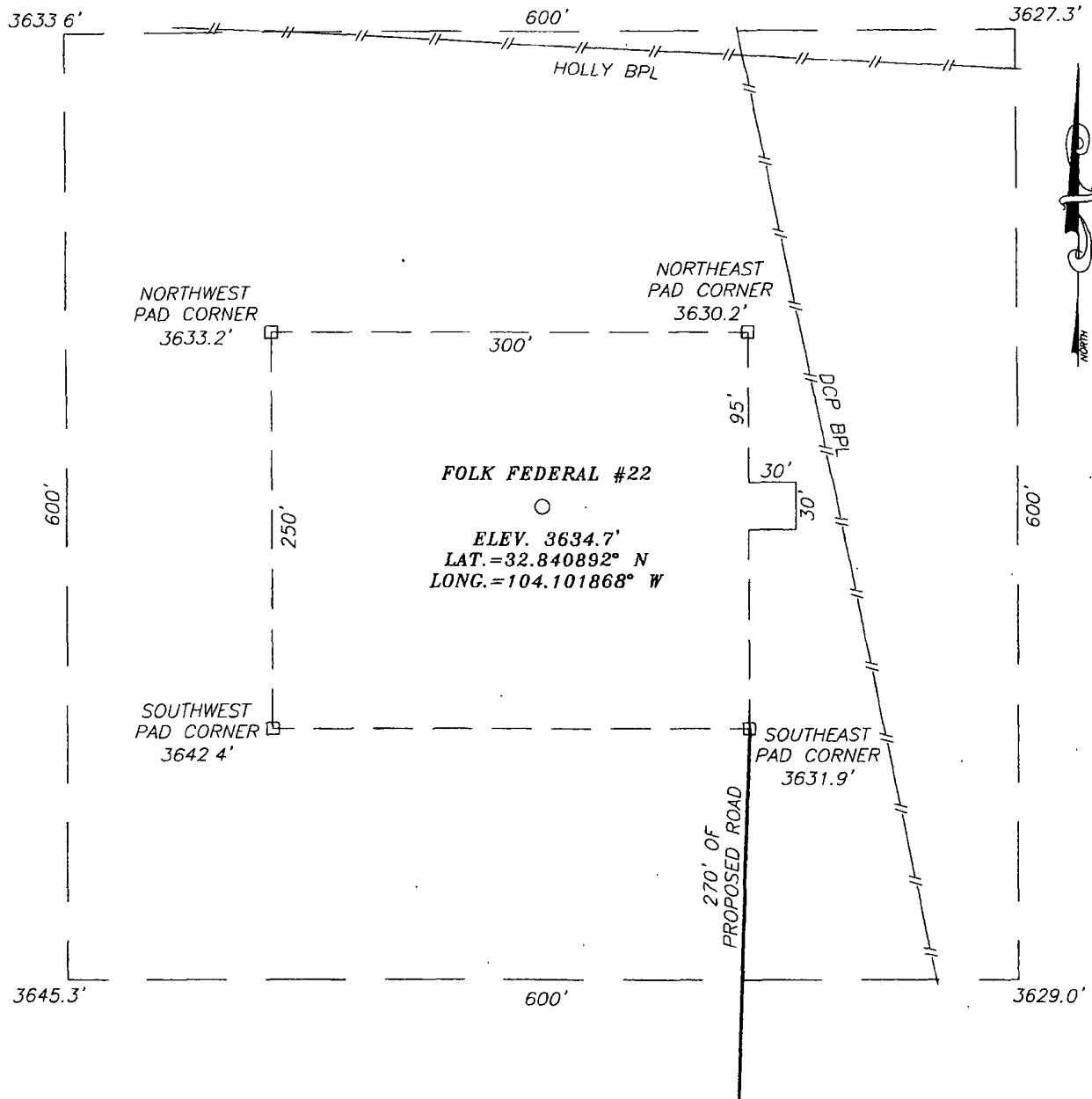
Address: 550 W. Texas, Suite 1300, Midland, Texas 79701

Telephone: (432) 683-7443

Field Representative (if not above signatory): Same

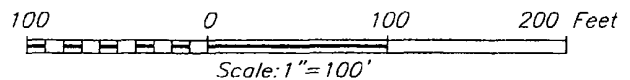
E-mail: cbird@conchoresources.com

**SECTION 17, 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. #211 (OLD LOCO RD.), GO NORTH ON CO. RD. #211 APPROX. 1.9 MILES. TURN LEFT AND GO WEST APPROX 0.3 MILES TO THE FOLK FED. #24. THIS LOCATION IS APPROX 520 FEET NORTH OF EXISTING WELL.



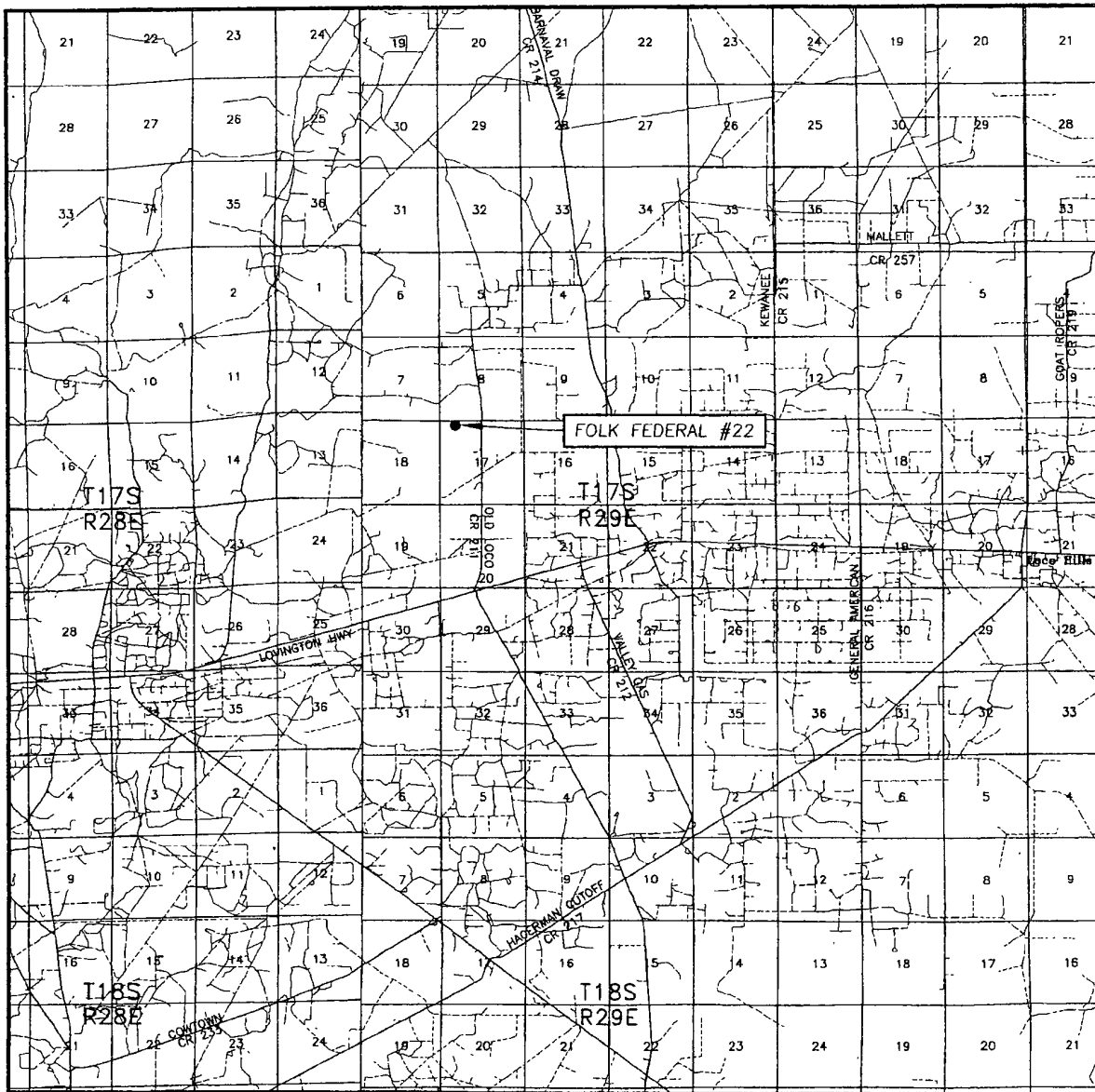
PROVIDING SURVEYING SERVICES  
 SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
 412 N. DAL PASO  
 HOBBS, N.M. 88240  
 (575) 393-3117

**COG OPERATING, LLC**

FOLK FEDERAL #22 WELL  
 LOCATED 300 FEET FROM THE NORTH LINE  
 AND 990 FEET FROM THE WEST LINE OF SECTION 17,  
 TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.,  
 EDDY COUNTY, NEW MEXICO.

Survey Date: 4/4/11	Sheet 1 of 1 Sheets
W.O. Number: 11 11 0698	Dr By: LA
Date: 4/8/11	11110698
	Scale: 1"=100'

# VICINITY MAP



SCALE: 1" = 2 MILES

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

SURVEY N.M.P.M.


COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 300' FNL & 990' FWL

ELEVATION 3635'

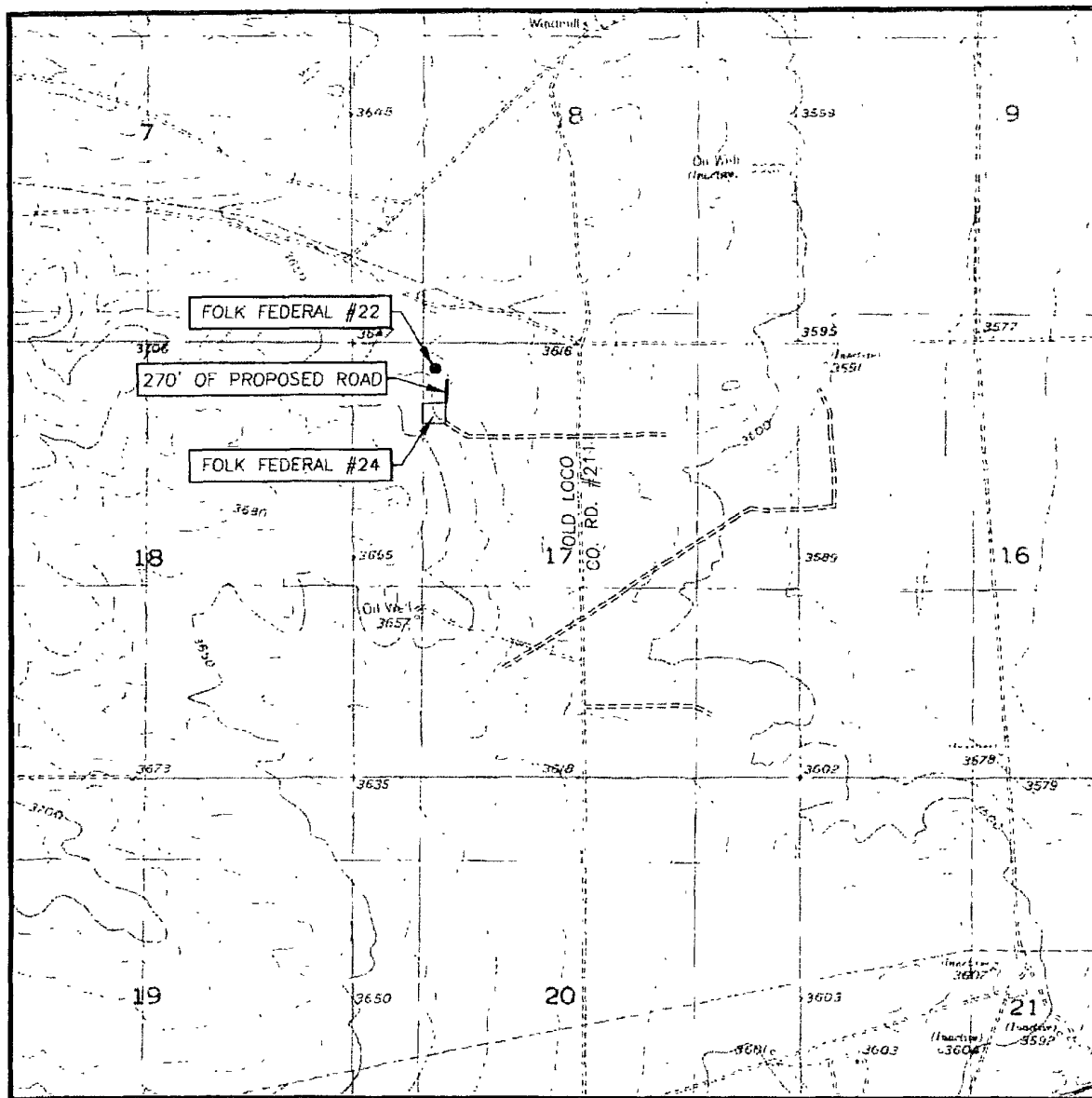
OPERATOR COG OPERATING, LLC

LEASE FOLK FEDERAL



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

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

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

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

SURVEY N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

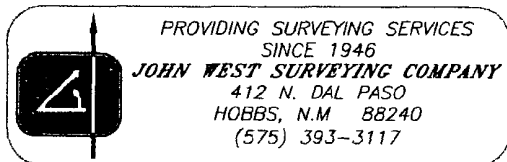
DESCRIPTION 300' FNL & 990' FWL

ELEVATION 3635'

OPERATOR COG OPERATING, LLC

LEASE FOLK FEDERAL

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



# Flow Line Map



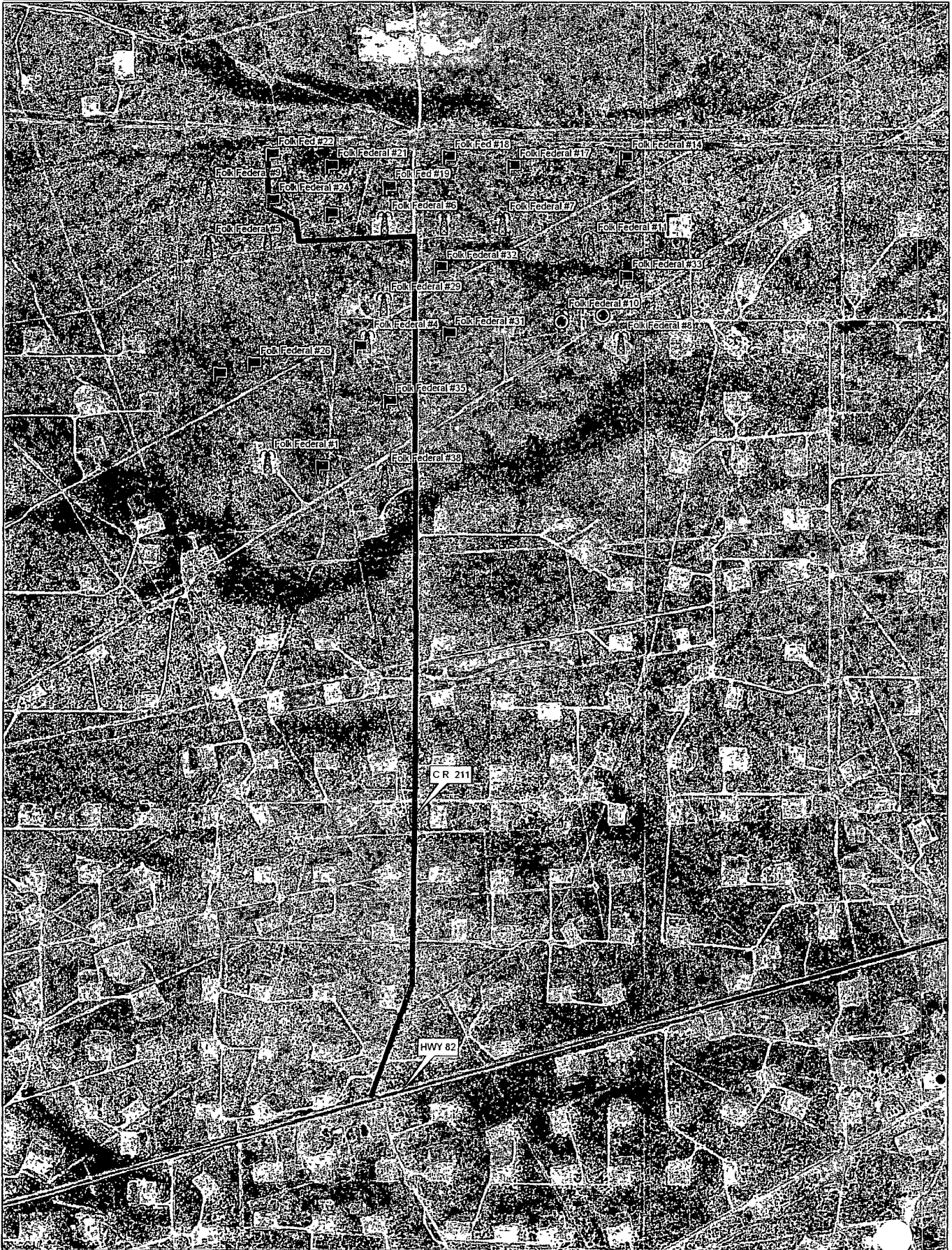
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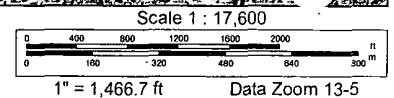
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## Offset wells to Folk Federal #22

API#	Operator	County	Legal	Lease	Well#	Date Issued	Permitted Depth	Permit TVD	Images	Doc	Total Depth	Well Type	Well Status	Permit#
30-015-38655	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T:17S, R:29E	BLUETAIL "8" FEDERAL	4	3/22/2011	6,010	6,000	Yes	link	6,010	PO	Active Permit	TEMP1637669247
30-015-38653	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T:17S, R:29E	BLUETAIL "8" FEDERAL	1	3/21/2011	6,000		Yes	link	6,000	PO	Active Permit	TEMP2117421487
30-015-38654	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T:17S, R:29E	BLUETAIL "8" FEDERAL	2	3/18/2011	6,000		Yes	link	6,000	PO	Active Permit	TEMP1400170785
30-015-38598	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T:17S, R:29E	BLUETAIL "8" FEDERAL	3	3/2/2011	6,013	6,000	Yes	link	6,013	PO	Active Permit	TEMP882636145
30-015-38266	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T:17S, R:29E	CHASER 8 STATE	012	11/15/2010	6,000		Yes	link	6,000	PO	Active Permit	TEMP984133088
30-015-38211	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T:17S, R:29E	CHASER 8 STATE	009	10/12/2010			Yes	link		PO	Active Permit	TEMP629424346
30-015-38212	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T:17S, R:29E	CHASER 8 STATE	010	10/12/2010			Yes	link		PO	Active Permit	TEMP1944679977
30-015-38213	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T:17S, R:29E	CHASER 8 STATE	011	10/12/2010			Yes	link		PO	Active Permit	TEMP2000747692
30-015-38214	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T:17S, R:29E	CHASER 8 STATE	013	10/12/2010			Yes	link		PO	Active Permit	TEMP203310191
30-015-38215	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T:17S, R:29E	CHASER 8 STATE	014	10/12/2010			Yes	link		PO	Active Permit	TEMP237966596
30-015-38173	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	020	9/2/2010	5,500		Yes	link	5,500	PO	Active Permit	TEMP1290171144
30-015-38174	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	024	9/2/2010	5,500		Yes	link	5,500	PO	Active Permit	TEMP1986786668
30-015-38175	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	026	9/2/2010	5,579	5,550	Yes	link	5,579	PO	Active Permit	TEMP357178608
30-015-38176	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	028	9/1/2010	5,576	5,550	Yes	link	5,576	PO	Active Permit	TEMP1384040028
30-015-38171	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	014	8/31/2010	5,500		Yes	link	5,500	PO	Active Permit	TEMP898929129
30-015-38172	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	017	8/31/2010	5,500		Yes	link	5,500	PO	Active Permit	TEMP917502721
30-015-38177	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	032	8/30/2010	5,500		Yes	link	5,500	PO	Active Permit	TEMP949906976
30-015-38178	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	033	8/30/2010	5,500		Yes	link	5,500	PO	Active Permit	TEMP334248579
30-015-38179	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	035	8/30/2010	5,100		Yes	link	5,100	PO	Active Permit	TEMP388895463
30-015-38102	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	MCCOY STATE	009	8/24/2010	5,500		Yes	link	5,500	PO	Active Permit	TEMP845325154
30-015-38088	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK STATE	003	8/23/2010	6,050		Yes	link	6,050	PO	Active Permit	TEMP520007065
	COG OPERATING			FOLK										

30-015-38089	LLC	EDDY	S:17, T 17S, R:29E	STATE	004	8/23/2010	6,050		Yes	link	6,050	PO	Active Permit	TEMP933273356
30-015-38090	COG OPERATING LLC	EDDY	S 17, T:17S, R:29E	FOLK STATE	007	8/23/2010	6,050		Yes	link	6,050	PO	Active Permit	TEMP546991936
30-015-38091	COG OPERATING LLC	EDDY	S 17, T:17S, R:29E	FOLK STATE	008	8/23/2010	6,050		Yes	link	6,050	PO	Active Permit	TEMP245130970
30-015-38092	COG OPERATING LLC	EDDY	S:17, T 17S, R:29E	FOLK STATE	012	8/23/2010	6,050		Yes	link	6,050	PO	Active Permit	TEMP1351238609
30-015-38076	COG OPERATING LLC	EDDY	S 8, T:17S, R 29E	MCCOY STATE	004	8/19/2010	5,350		Yes	link	5,406	O	Active Permit	TEMP205887772
30-015-38077	COG OPERATING LLC	EDDY	S:8, T:17S, R 29E	MCCOY STATE	007	8/19/2010	5,350		Yes	link	5,350	PO	Active Permit	TEMP44372671
30-015-38078	COG OPERATING LLC	EDDY	S:8, T:17S, R 29E	MCCOY STATE	008	8/19/2010	5,500		Yes	link	5,500	PO	Active Permit	TEMP1217732579
30-015-38079	COG OPERATING LLC	EDDY	S:8, T:17S, R 29E	MCCOY STATE	010	8/19/2010	5,500		Yes	link	5,475	O	Active Permit	TEMP1778382083
30-015-38002	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T 17S, R:29E	CHASER 8 STATE	004	7/28/2010	6,000		Yes	link	6,000	PO	Active Permit	TEMP903153919
30-015-38008	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	MCCOY STATE	002	7/23/2010	5,350		Yes	link	5,408	O	Active Permit	TEMP1968072969
30-015-38009	COG OPERATING LLC	EDDY	S:8, T 17S, R:29E	MCCOY STATE	005	7/23/2010	5,350		Yes	link	5,350	PO	Active Permit	TEMP2037065616
30-015-38010	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	MCCOY STATE	006	7/23/2010	5,500		Yes	link	5,500	PO	Active Permit	TEMP217128342
30-015-38011	COG OPERATING LLC	EDDY	S:8, T 17S, R:29E	MCCOY STATE	011	7/23/2010	5,500		Yes	link	5,500	PO	Active Permit	TEMP318455806
30-015-38001	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T 17S, R:29E	CHASER 8 STATE	008	7/20/2010	6,000		Yes	link	6,000	PO	Active Permit	TEMP1730825444
30-015-37988	CIMAREX ENERGY CO. OF COLORADO	EDDY	S 8, T:17S, R:29E	CHASER 8 STATE	003	7/16/2010	6,000		Yes	link	6,000	PO	Active Permit	TEMP1896251127
30-015-37989	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T 17S, R 29E	CHASER 8 STATE	005	7/16/2010	6,000		Yes	link	5,288	O	Active Permit	TEMP1329882080
30-015-37990	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T:17S, R:29E	CHASER 8 STATE	006	7/16/2010	6,000		Yes	link	6,000	PO	Active Permit	TEMP323186374
30-015-37991	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T:17S, R 29E	CHASER 8 STATE	007	7/16/2010	6,000		Yes	link	6,000	PO	Active Permit	TEMP524963363
30-015-37945	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T:17S, R:29E	CHASER 8 STATE	016	6/24/2010	6,000		Yes	link	6,000	PO	Active Permit	TEMP715468938
30-015-37906	NADEL AND GUSSMAN HEYCO, LLC	EDDY	S:8, T:17S, R 29E	HILLYBILLY CAVE 8 STATE	1	6/10/2010	5,450		Yes	link	5,373	U	Active Permit	TEMP602633575
30-015-37861	COG OPERATING LLC	EDDY	S 17, T:17S, R:29E	FOLK STATE	002	6/4/2010	5,500		Yes	link	5,500	PO	Active	TEMP361344599
30-015-37872	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T:17S, R 29E	CHASER 8 STATE	001	6/4/2010	6,000		Yes	link	6,000	PO	Active	TEMP1813043814
30-015-37880	COG OPERATING LLC	EDDY	S 17, T:17S, R 29E	FOLK FEDERAL	29	5/20/2010	5,450		Yes	link	5,477	O	Active Permit	TEMP1702264625
30-015-37807	CIMAREX ENERGY CO. OF COLORADO	EDDY	S:8, T 17S, R 29E	CHASER 8 STATE	2	5/12/2010	6,000		Yes	link	5,260	U	Active Permit	TEMP2014107590



30-015-37824	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	21	5/10/2010	5,550		Yes	link	5,550	PO	Active Permit	TEMP1603575368
30-015-37825	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	31	5/10/2010	5,550		Yes	link	5,478	O	Active Permit	TEMP167078385
30-015-37765	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	HATFIELD STATE	002	4/28/2010	6,000		Yes	link	6,000	PO	Active Permit	TEMP1421498107
30-015-37766	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	HATFIELD STATE	007	4/28/2010	6,000		Yes	link	5,528	O	Active Permit	TEMP901814966
30-015-37767	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	HATFIELD STATE	008	4/28/2010	6,000		Yes	link	5,548	O	Active Permit	TEMP1985847001
30-015-37768	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	HATFIELD STATE	006	4/28/2010	6,000		Yes	link	6,000	PO	Active Permit	TEMP1447946337
30-015-37769	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	HATFIELD STATE	004	4/28/2010	6,000		Yes	link	6,000	PO	Active Permit	TEMP670937449
30-015-37770	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	HATFIELD STATE	009	4/28/2010	6,000		Yes	link	5,817	O	Active Permit	TEMP696705329
30-015-37771	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	HATFIELD STATE	010	4/28/2010	6,000		Yes	link	5,590	O	Active Permit	TEMP1440269972
30-015-37773	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	HATFIELD STATE	012	4/28/2010	6,000		Yes	link	6,000	PO	Active Permit	TEMP2002112280
30-015-37774	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	HATFIELD STATE	011	4/28/2010	6,000		Yes	link	6,000	PO	Active Permit	TEMP1479638598
30-015-37751	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK STATE	005	4/19/2010	5,500		Yes	link	5,043	O	Active Permit	TEMP1421656813
30-015-37752	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK STATE	006	4/19/2010	5,500		Yes	link	5,055	O	Active Permit	TEMP1327743503
30-015-37753	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK STATE	010	4/19/2010	5,500		Yes	link	5,167	O	Active Permit	TEMP1380349119
30-015-37722	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	MCCOY STATE	012	4/6/2010	5,450		Yes	link	5,450	PO	Active Permit	TEMP1951643036
30-015-37723	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	MCCOY STATE	013	4/6/2010	5,450		Yes	link	5,450	PO	Active Permit	TEMP271090489
30-015-37724	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	MCCOY STATE	017	4/6/2010	5,450		Yes	link	5,450	PO	Active Permit	TEMP1876714145
30-015-37396	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	HATFIELD STATE	003	12/2/2009	5,450		Yes	link	5,488	O	Active Permit	TEMP335301144
30-015-37397	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK STATE	011	12/2/2009	5,550		Yes	link	5,550	PO	Active Permit	TEMP1351592920
30-015-37398	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	HATFIELD STATE	005	12/2/2009	5,450		Yes	link	5,450	PO	Active Permit	TEMP912746022
30-015-37399	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	MCCOY STATE	003	12/2/2009	5,450		Yes	link	5,483	O	Active Permit	TEMP1270118378
30-015-37400	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	MCCOY STATE	001	12/2/2009	5,450		Yes	link	5,466	O	Active Permit	TEMP1679118214
30-015-37413	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	41	11/25/2009	5,450		Yes	link	5,450	PO	Active Permit	TEMP1896986455
30-015-37516	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	38	11/5/2009	5,450		Yes	link	5,070	O	Active Permit	TEMP468755441
30-015-37378	COG OPERATING LLC	EDDY	S:8, T:17S, R:29E	HATFIELD STATE	001	11/4/2009	5,450		Yes	link	5,475	O	Active Permit	TEMP508149200
30-015-37345	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK STATE	001	10/20/2009	5,500		Yes	link	5,515	O	Active Permit	TEMP2103352334
30-015-37312	MACK ENERGY CORPORATION	EDDY	S:7, T:17S, R:29E	ROMO SWD	1	10/2/2009	9,300		Yes	link	9,103	U	Active Permit	TEMP1029103793
30-015-37246	COG OPERATING LLC	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	36	8/24/2009	5,450		Yes	link	5,450	PO	Active Permit	TEMP1048583563

30-015-37233	COG OPERATING LLC	EDDY	S 17, T:17S, R 29E	FOLK STATE	009	8/21/2009	5,450		Yes	link	5,130	O	Active Permit	TEMP1120470798
30-015-36863	COG OPERATING LLC	EDDY	S 17, T:17S, R 29E	FOLK FEDERAL	13	12/19/2008	5,400		Yes	link	5,531	O	Active Permit	TEMP948442039
30-015-36862	COG OPERATING LLC	EDDY	S 17, T:17S, R 29E	FOLK FEDERAL	10	12/19/2008	5,554	5,550	Yes	link	5,550	O	Active Permit	TEMP102576465
30-015-36864	COG OPERATING LLC	EDDY	S 17, T:17S, R 29E	FOLK FEDERAL	12	12/19/2008	5,400		Yes	link	5,421	O	Active Permit	TEMP695990985
30-015-36890	COG OPERATING LLC	EDDY	S 17, T:17S, R 29E	FOLK FEDERAL	11	12/19/2008	5,582	5,550	Yes	link	5,412	O	Active Permit	TEMP1437754607
30-015-36816	MEWBOURNE OIL CO or MEWBOURNE OIL COMPANY	EDDY	S 7, T:17S, R 29E	EMPIRE 7 P FEDERAL	3	11/26/2008	5,300		Yes	link	5,025	O	Active Permit	TEMP1420350924
30-015-36735	MEWBOURNE OIL COMPANY	EDDY	S 18, T 17S, R 29E	EMPIRE 18 STATE	10	10/31/2008	5,400		Yes	link	4,702	O	Active Permit	TEMP2042964877
30-015-36699	MEWBOURNE OIL CO or MEWBOURNE OIL COMPANY	EDDY	S 18, T:17S, R 29E	EMPIRE 18 STATE	009	10/17/2008	5,400		Yes	link	5,010	O	Active Permit	TEMP392390101
30-015-36747	COG OPERATING LLC	EDDY	S 17, T:17S, R 29E	FOLK FEDERAL	5	8/8/2008	5,500		Yes	link	5,555	O	Active Permit	TEMP278775092
30-015-36172	COG OPERATING LLC	EDDY	S 17, T 17S, R 29E	FOLK FEDERAL	6	2/22/2008	5,500		Yes	link	5,463	O	Active Permit	TEMP439757421
30-015-36170	COG OPERATING LLC	EDDY	S 17, T:17S, R 29E	FOLK FEDERAL	8	2/22/2008	5,500		Yes	link	5,462	O	Active Permit	TEMP268001015
30-015-36169	COG OPERATING LLC	EDDY	S 17, T:17S, R 29E	FOLK FEDERAL	9	2/22/2008	5,500		Yes	link	5,408	O	Active Permit	TEMP123842529
30-015-36171	COG OPERATING LLC	EDDY	S 17, T:17S, R 29E	FOLK FEDERAL	7	2/22/2008	5,500		Yes	link	5,465	O	Active Permit	TEMP82249006
30-015-35727	COG OPERATING LLC	EDDY	S 17, T:17S, R 29E	FOLK FEDERAL	1	7/25/2007	5,500		Yes	link	5,123	O	Active Permit	TEMP1935161663
30-015-35728	COG OPERATING LLC	EDDY	S 17, T:17S, R 29E	FOLK FEDERAL	4	7/24/2007	5,500		Yes	link	5,600	O	Active Permit	TEMP1155239537
30-015-34283	GRUY PETROLEUM MANAGEMENT CO. or CIMAREX ENERGY CO OF COLORADO	EDDY	S 17, T:17S, R 29E	MUSKEGON 17 FEDERAL COM	002	8/17/2005	11,500		No	link	11,500	PG	Active Permit	TEMP958543212
30-015-33771	MEWBOURNE OIL COMPANY	EDDY	S 18, T 17S, R 29E	EMPIRE 18 STATE	008Q	12/17/2004	4,500		No	link	40	O	Active	TEMP451328077
30-015-33772	MEWBOURNE OIL COMPANY	EDDY	S 18, T:17S, R 29E	EMPIRE 18 STATE	010	12/17/2004	4,500		No	link	4,500	O	Active	TEMP1747363231
30-015-33773	MEWBOURNE OIL COMPANY	EDDY	S 18, T 17S, R 29E	EMPIRE 18 STATE	006	12/17/2004	4,500		No	link	4,500	O	Active	TEMP222927316
30-015-33768	MEWBOURNE OIL COMPANY	EDDY	S 18, T:17S, R 29E	EMPIRE 18 STATE	009Q	12/16/2004	4,500		No	link	4,500	O	Active	TEMP1248935320
30-015-33769	MEWBOURNE OIL COMPANY	EDDY	S 18, T 17S, R 29E	EMPIRE 18 STATE	007Q	12/16/2004	4,500		No	link	4,500	O	Active	TEMP1887451573
30-015-33773	MEWBOURNE OIL COMPANY or MEWBOURNE OIL CO	EDDY	S 18, T:17S, R 29E	EMPIRE 18 STATE	006	11/30/2004			No	link	4,500	O	Active	TEMP949780690
30-015-33772	MEWBOURNE OIL COMPANY or MEWBOURNE OIL CO	EDDY	S 18, T:17S, R 29E	EMPIRE 18 STATE	010	11/30/2004			No	link	4,500	O	Active	TEMP291727390

30-015-33771	MEWBOURNE OIL COMPANY or MEWBOURNE OIL CO	EDDY	S 18, T:17S, R:29E	EMPIRE 18 STATE	008Q	11/30/2004			No	link	40	O	Active	TEMP480269675
30-015-33769	MEWBOURNE OIL COMPANY or MEWBOURNE OIL CO	EDDY	S:18, T:17S, R:29E	EMPIRE 18 STATE	007Q	11/30/2004			No	link	4,500	O	Active	TEMP528526617
30-015-33768	MEWBOURNE OIL COMPANY or MEWBOURNE OIL CO	EDDY	S:18, T:17S, R:29E	EMPIRE 18 STATE	009Q	11/30/2004			No	link	4,500	O	Active	TEMP590723258
30-015-23209	CONOCOPHILLIPS COMPANY	EDDY	S:18, T:17S, R:29E	GREEN B FEDERAL	010	1/1/2003	0		No	link	10,721	G	Flowing	TEMP1029784865
30-015-26750	CONOCOPHILLIPS COMPANY	EDDY	S:17, T:17S, R:29E	MUSKEGON "17" STATE COM	001	1/1/2003	0		No	link	10,880	G	Pumping	TEMP534951807
30-015-31785	CLAYTON WILLIAMS ENERGY INC	EDDY	S 18, T:17S, R:29E	PHILLIPS 18 FEDERAL	010	8/8/2002	5,000		No	link	5,000	O	Active	TEMP1337424036
30-015-31785	CLAYTON WILLIAMS ENERGY INC	EDDY	S:18, T:17S, R:29E	PHILLIPS 18 FEDERAL	010	7/31/2002			No	link	5,000	O	Active	TEMP1739107385
30-015-31447	CLAYTON WILLIAMS ENERGY INC	EDDY	S:17, T:17S, R:29E	PHILLIPS 17 FEDERAL	004	12/31/2001			No	link	5,000	O	Active	TEMP1379135017
30-015-31447	CLAYTON WILLIAMS ENERGY INC	EDDY	S:17, T:17S, R:29E	PHILLIPS 17 FEDERAL	004	11/30/2001			No	link	5,000	O	Active	TEMP882041721
30-015-31660	CLAYTON WILLIAMS ENERGY INC	EDDY	S 18, T 17S, R 29E	PHILLIPS 18 FEDERAL	002	3/22/2001			No	link	4,500	O	Pumping	TEMP1694900018
30-015-31661	CLAYTON WILLIAMS ENERGY INC	EDDY	S 18, T:17S, R:29E	PHILLIPS 18 FEDERAL	006	3/22/2001			No	link	4,500	O	Pumping	TEMP1329003814
30-015-31476	EOG RESOURCES INC	EDDY	S:7, T 17S, R:29E	WARP SPEED FEDERAL COM	001Q	11/21/2000			No	link	10,886	G	Active	TEMP1619619811
30-015-31458	MEWBOURNE OIL COMPANY or MEWBOURNE OIL CO	EDDY	S:18, T:17S, R:29E	EMPIRE 18 FEDERAL	004	11/14/2000			No	link	4,305	O	Pumping	TEMP601166164
30-015-31446	CLAYTON WILLIAMS ENERGY INC	EDDY	S:17, T:17S, R:29E	PHILLIPS 17 FEDERAL	003	11/13/2000			No	link	4,427	O	Pumping	TEMP675022629
30-015-31417	MEWBOURNE OIL COMPANY or MEWBOURNE OIL CO	EDDY	S:18, T:17S, R:29E	EMPIRE 18 STATE	008	11/3/2000			No	link		O	Active	TEMP661210301
30-015-31418	MEWBOURNE OIL COMPANY or MEWBOURNE OIL CO	EDDY	S:18, T:17S, R:29E	EMPIRE 18 STATE	007	11/3/2000			No	link		O	Active	TEMP636201622
30-015-31417	MEWBOURNE OIL COMPANY or MEWBOURNE OIL CO	EDDY	S 18, T:17S, R:29E	EMPIRE 18 STATE	008	10/31/2000			No	link		O	Active	TEMP1442048941
	MEWBOURNE OIL													

30-015-31418	COMPANY or MEWBOURNE OIL CO	EDDY	S:18, T:17S, R:29E	EMPIRE 18 STATE	007	10/31/2000			No	link		O	Active	TEMP579988775
30-015-31353	MEWBOURNE OIL COMPANY or MEWBOURNE OIL CO	EDDY	S:18, T:17S, R:29E	EMPIRE 18 STATE	003	9/22/2000			No	link	4,486	O	Pumping	TEMP1122386315
30-015-31260	CLAYTON WILLIAMS ENERGY INC	EDDY	S:17, T:17S, R:29E	PHILLIPS 17 FEDERAL	001	8/1/2000			No	link	4,805	O	Temporarily Abandoned	TEMP606838113
30-015-31261	CLAYTON WILLIAMS ENERGY INC	EDDY	S:17, T:17S, R:29E	PHILLIPS 17 FEDERAL	002	8/1/2000			No	link	4,506	O	Temporarily Abandoned	TEMP588961469
30-015-31134	MEWBOURNE OIL COMPANY or MEWBOURNE OIL CO	EDDY	S:7, T:17S, R:29E	EMPIRE 7 FEDERAL	001	4/14/2000			No	link	10,758	G	Flowing	TEMP325617315
30-015-23754	MEWBOURNE OIL COMPANY or MEWBOURNE OIL CO	EDDY	S:7, T:17S, R:29E	GREEN B	011	3/1/2000			No	link	10,670	G	Temporarily Abandoned	TEMP1908631344
30-015-30702	EOG RESOURCES INC	EDDY	S:8, T:17S, R:29E	CONOCO 8 STATE COM	001	7/22/1999			No	link	10,920	O	Flowing	TEMP1977465292
30-015-30692	MEWBOURNE OIL COMPANY or MEWBOURNE OIL CO	EDDY	S:18, T:17S, R:29E	EMPIRE 18 STATE COM	001	7/8/1999			No	link	10,799	G	Flowing	TEMP1530690503
30-015-25692	ASPEN PUMPING SERVICE	EDDY	S:7, T:17S, R:29E	PHILLIPS FEDERAL	001	4/1/1999	0		No	link	2,552	O	Pumping	TEMP1882870137
30-015-29771	SOUTHWEST ROYALTIES INC	EDDY	S:18, T:17S, R:29E	LUCKY DUCK 18 STATE	001	3/24/1999			No	link		X	Cancelled	TEMP850905951
30-015-29855	SOUTHWEST ROYALTIES INC	EDDY	S:18, T:17S, R:29E	MALLARD 18 FEDERAL	001	1/12/1999			No	link		X	Cancelled	TEMP898531974
30-015-02912	MARKS AND GARNER PRODUCTION LTD CO	EDDY	S:7, T:17S, R:29E	CAVE POOL UNIT	053	12/1/1994	0		No	link	0	I	Temporarily Abandoned	TEMP1489927378
30-015-02914	MARKS AND GARNER PRODUCTION LTD CO	EDDY	S:8, T:17S, R:29E	CAVE POOL UNIT	035	12/1/1994	0		No	link	0	O	Shut-in	TEMP1528787016
30-015-02915	MARKS AND GARNER PRODUCTION LTD CO	EDDY	S:8, T:17S, R:29E	CAVE POOL UNIT	036	12/1/1994			No	link	2,450	D	Salt Water Disposal	TEMP1259462786
30-015-02926	MARKS AND GARNER PRODUCTION LTD CO	EDDY	S:8, T:17S, R:29E	CAVE POOL UNIT	041	12/1/1994	0		No	link	0	PO	Temporarily Abandoned	TEMP1284471465
30-015-23719	MACK ENERGY CORP	EDDY	S:17, T:17S, R:29E	FEDERAL KL-17	001	12/1/1994			No	link	10,740	G	Pumping	TEMP1519665531
30-015-27295	MACK ENERGY CORP	EDDY	S:17, T:17S, R:29E	FOLK FEDERAL	003	3/1/1993			No	link	5,050	PO	Active	TEMP1957493049
30-015-23747	SOUTHWEST ROYALTIES INC	EDDY	S:18, T:17S, R:29E	GREEN B FEDERAL	012	3/1/1987			No	link	10,740	O	Active	TEMP1404995034
	STEVENS OPERATING													

30-015-23878	CORPORATION or HANAGAN PETROLEUM CORP	EDDY	S.17, T 17S, R 29E	PRE- ONGARD WELL	001	1/1/1970			No	link		PO	Active Permit	TEMP1158505012
30-015-24286	STEVENS OPERATING CORPORATION or HANAGAN PETROLEUM CORP	EDDY	S 7, T 17S, R 29E	PRE- ONGARD WELL	001	1/1/1970			No	link		PO	Active Permit	TEMP510572540
30-015-24762	STEVENS OPERATING CORPORATION or HANAGAN PETROLEUM CORP	EDDY	S 8, T 17S, R:29E	PRE- ONGARD WELL	063	1/1/1970			No	link		PO	Active Permit	TEMP1627467949



