

30-015-38344

## COG Operating LLC

## Hydrogen Sulfide Drilling Operation Plan

## I. HYDROGEN SULFIDE TRAINING

All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, will receive training from a qualified instructor in the following areas prior to commencing drilling operations on this well:

1. The hazards and characteristics of hydrogen sulfide (H<sub>2</sub>S)
2. The proper use and maintenance of personal protective equipment and life support systems.
3. The proper use of H<sub>2</sub>S detectors, alarms, warning systems, briefing areas, evacuation procedures, and prevailing winds.
4. The proper techniques for first aid and rescue procedures.

In addition, supervisory personnel will be trained in the following areas:

1. The effects of H<sub>2</sub>S on metal components. If high tensile tubular are to be used, personnel will be trained in their special maintenance requirements.
2. Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.
3. The contents and requirements of the H<sub>2</sub>S Drilling Operations Plan and Public Protection Plan.

There will be an initial training session just prior to encountering a known or probable H<sub>2</sub>S zone (within 3 days or 500 feet) and weekly H<sub>2</sub>S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H<sub>2</sub>S Drilling Operations Plan and the Public Protection Plan. **The concentrations of H<sub>2</sub>S of wells in this area from surface to TD are low enough that a contingency plan is not required.**

## II. H2S SAFETY EQUIPMENT AND SYSTEMS

Note: All H2S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating the first zone containing or reasonable expected to contain H2S.

### 1. Well Control Equipment:

- A. Flare line.
- B. Choke manifold.
- C. Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit.
- D. Auxiliary equipment may include if applicable: annular preventer & rotating head.

### 2. Protective equipment for essential personnel:

- A. Mark II Survive air 30-minute units located in the doghouse and at briefing areas, as indicated on well site diagram.

### 3. H2S detection and monitoring equipment:

- A. 1 portable H2S monitors positioned on location for best coverage and response. These units have warning lights and audible sirens when H2S levels of 20 PPM are reached.

### 4. Visual warning systems:

- A. Wind direction indicators as shown on well site diagram (Exhibit #8).
- B. Caution/Danger signs (Exhibit #7) shall be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at a reasonable distance from the immediate location. Bilingual signs will be used, when appropriate. See example attached.

### 5. Mud program:

- A. The mud program has been designed to minimize the volume of H2S circulated to surface. Proper mud weight, safe drilling practices, and the use of H2S scavengers will minimize hazards when penetrating H2S bearing zones.

**6. Metallurgy:**

- A. All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H<sub>2</sub>S service.
- B. All elastomers used for packing and seals shall be H<sub>2</sub>S trim.

**7. Communication:**

- A. Radio communications in company vehicles including cellular telephone and 2-way radio.
- B. Land line (telephone) communication at Office.

**8. Well testing:**

- A. Drill stem testing will be performed with a minimum number of personnel in the immediate vicinity, which are necessary to safely and adequately conduct the test. The drill stem testing will be conducted during daylight hours and formation fluids will not be flowed to the surface. All drill-stem-testing operations conducted in an H<sub>2</sub>S environment will use the closed chamber method of testing.
- B. There will be no drill stem testing.

**EXHIBIT #7**

**WARNING**

**YOU ARE ENTERING AN H<sub>2</sub>S**

**AUTHORIZED PERSONNEL ONLY**

- 1. BEARDS OR CONTACT LENSES NOT ALLOWED
- 2. HARD HATS REQUIRED
- 3. SMOKING IN DESIGNATED AREAS ONLY
- 4. BE WIND CONSCIOUS AT ALL TIMES
- 5. CHECK WITH COG OPERATING FOREMAN AT

**COG OPERATING LLC**

**1-432-683-7443**

**1-575-746-2010**

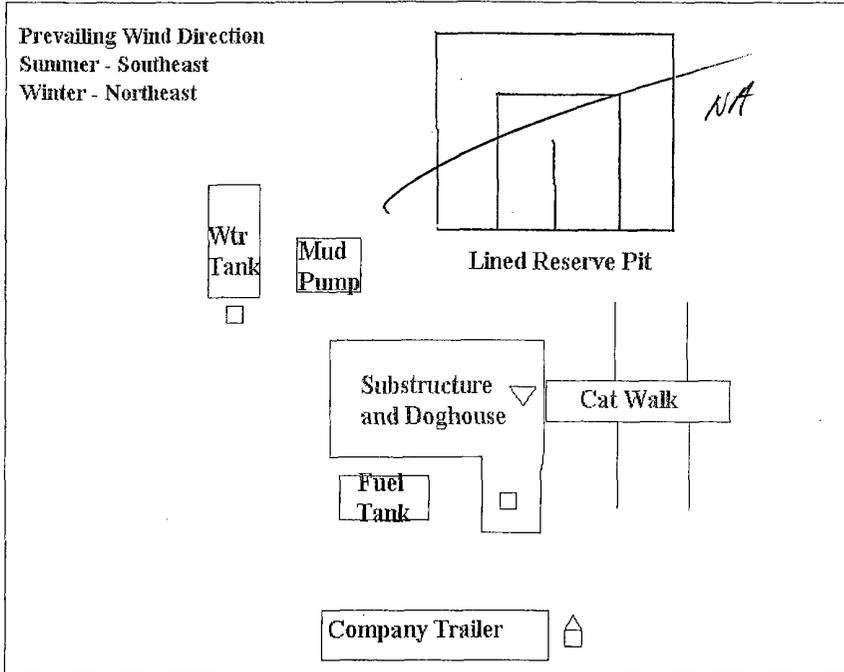
**EDDY COUNTY EMERGENCY NUMBERS**

ARTESIA FIRE DEPT. 575-746-5050  
ARTESIA POLICE DEPT. 575-746-5000  
EDDY CO. SHERIFF DEPT. 575-746-9888

**LEA COUNTY EMERGENCY NUMBERS**

HOBBS FIRE DEPT. 575-397-9308  
HOBBS POLICE DEPT. 575-397-9285  
LEA CO. SHERIFF DEPT. 575-396-1196

# DRILLING LOCATION H2S SAFETY EQUIPMENT Exhibit # 8

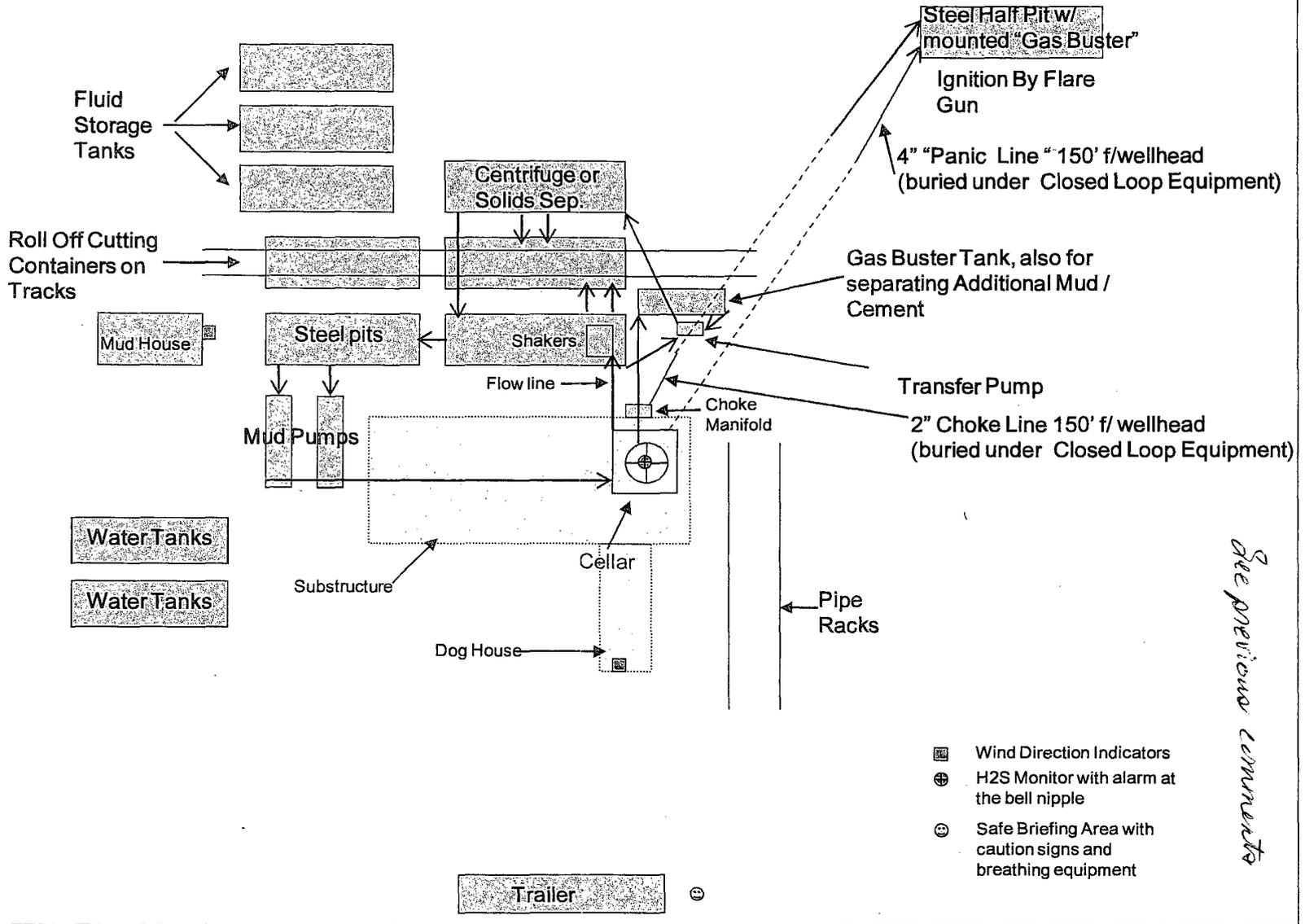


- ▽ H2S Monitors with alarms at the bell nipple
- Wind Direction Indicators
- ⌆ Safe Briefing areas with caution signs and breathing equipment min 150 feet from

COG Operating LLC

# EXHIBIT 8

Drilling Location - H2S Safety Equipment Diagram



## **SURFACE USE AND OPERATING PLAN**

### **1. Existing & Proposed Access Roads**

- A. The well site survey and elevation plat for the proposed well is shown in Exhibit #1. It was staked by John West Engineering, Hobbs, NM.
- B. All roads to the location are shown in the topographic map Exhibit #2. The existing lease roads are illustrated and are adequate for travel during drilling and production operations. Upgrading existing roads prior to drilling the well will be done where necessary.
- C. **Directions to Location:** From the intersection US Highway 82 and Co. Rd. 222 (Shugart Road), Go East on US Highway 82 approx 2.0 miles. Turn Left & Go North to Chevron Tank Battery pad. The location stake is approx 240' West of this pad. 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 90' of new access road will be required for this location. If any road is required it will be constructed as follows:

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

**3. Location of Existing Well:**

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

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

**4. Location of Existing and/or Proposed Facilities:**

- A. COG Operating LLC does operate a production facility on this lease.
- B. If the well is productive, contemplated facilities will be as follows:

- 1) Production will be sent to the Skelly 973 Federal tank battery located well location @ 430 FNL & 2435 FEL, Section 21, T17S, R31E, UL B. The facility location is shown in Exhibit #5.
- 2) The tank battery and facilities including all flow lines and piping will be installed according to API specifications.
- 3) Any additional caliche will be obtained from the actual well site. If caliche does not exist or is not plentiful from the well site, the caliche will be hauled from a BLM approved caliche pit. Any additional construction materials will be purchased from contractors.
- 4) Proposed flow lines, will follow an archaeologically approved route to the Skelly 973 Federal tank battery located well location @ 430 FNL & 2435 FEL, Section 21, T17S, R31E, UL B. The flowline will be SDR 7 3" poly line laid on the surface and will be approximately 4800' in length with max pressure 100 psi. Flowlines will be no more than 11' from the paralleling road. The facility location is shown in Exhibit #5.
- 5) It will be necessary to run electric power if this well is productive. Power will be provided by CVE and they will submit a separate plan and ROW for service to the well location.
- 6) If the well is productive, rehabilitation plans will include the following:
  - a) The original topsoil from the well site will be returned to the location, and the site will be re-contoured as close as possible to the original site.

**5. Location and Type of Water Supply:**

The well will be drilled with combination brine and fresh water mud system as outlined in the drilling program. The water will be obtained from commercial water stations in the area and hauled to location by transport truck over the existing and proposed access roads shown in Exhibit #2. If a commercial fresh water source is nearby, fast line may be laid along existing road ROW's and fresh water pumped to the well. No water well will be drilled on the location.

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

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

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

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

**7. Methods of Handling Water Disposal:**

- A. The well will be drilled utilizing a closed loop mud system. Drill cuttings will be held in roll-off style mud boxes and taken to an NMOCD approved disposal site.
- B. Drilling fluids will be contained in steel mud pits.

- C. Water produced from the well during completion will be held temporarily in steel tanks and then taken to an NMOC approved commercial disposal facility.
- D. Garbage and trash produced during drilling or completion operations will be collected in a trash bin and hauled to an approved landfill. No toxic waste or hazardous chemicals will be produced by this operation.
- E. After the rig is moved out and the well is either completed or abandoned, all waste materials will be cleaned up within 30 days. In the event of a dry hole only a dry hole marker will remain.

**8. Ancillary Facilities:**

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

**9. Well Site Layout:**

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

**10. Plans for Restoration of the Surface:**

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

- B. Final Reclamation: Upon plugging and abandoning the well, All caliche for well pad and lease road will be removed and surface will be 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 Charles Martin, P.O. Box 706, 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.**

• *Surface Use Plan*  
*COG Operating, LLC*  
*Skelly Unit 703*  
*948' FSL & 243' FWL*  
*Section 21, T-17-S, R-31-E, UL M*  
*Eddy County, New Mexico*

**13. Bond Coverage:**

Bond Coverage is Nationwide Bond # 000215

**14. Lessee's and Operator's Representative:**

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

John Coffman,

Drilling Superintendent

COG Operating LLC

550 W. Texas, Suite 1300

Midland, TX 79701

Phone (432) 683-7443 (office)

(432) 631-9762 (cell)

Erick Nelson.

Division Operations Manager

COG Operating LLC

550 W. Texas, Suite 1300

Midland, TX 79701

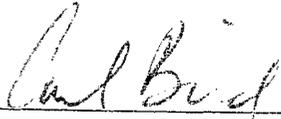
Phone (505) 746-2210 (office)

(432) 238-7591 (cell)

Surface Use Plan  
COG Operating, LLC  
Skelly Unit 703  
948' FSL & 243' FWL  
Section 21, T-17-S, R-31-E, UL M  
Eddy County, New Mexico

I hereby certify that I, or persons under my direct supervision, have inspected the drill site and access road proposed herein; that I am familiar with the conditions that presently exist; that I have full knowledge of State and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or COG Operating, LLC, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements. Executed this 27th day of August, 2010.

Signed: \_\_\_\_\_



Printed Name: Carl Bird

Position: Drilling Engineer

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

Telephone: (432) 683-7443

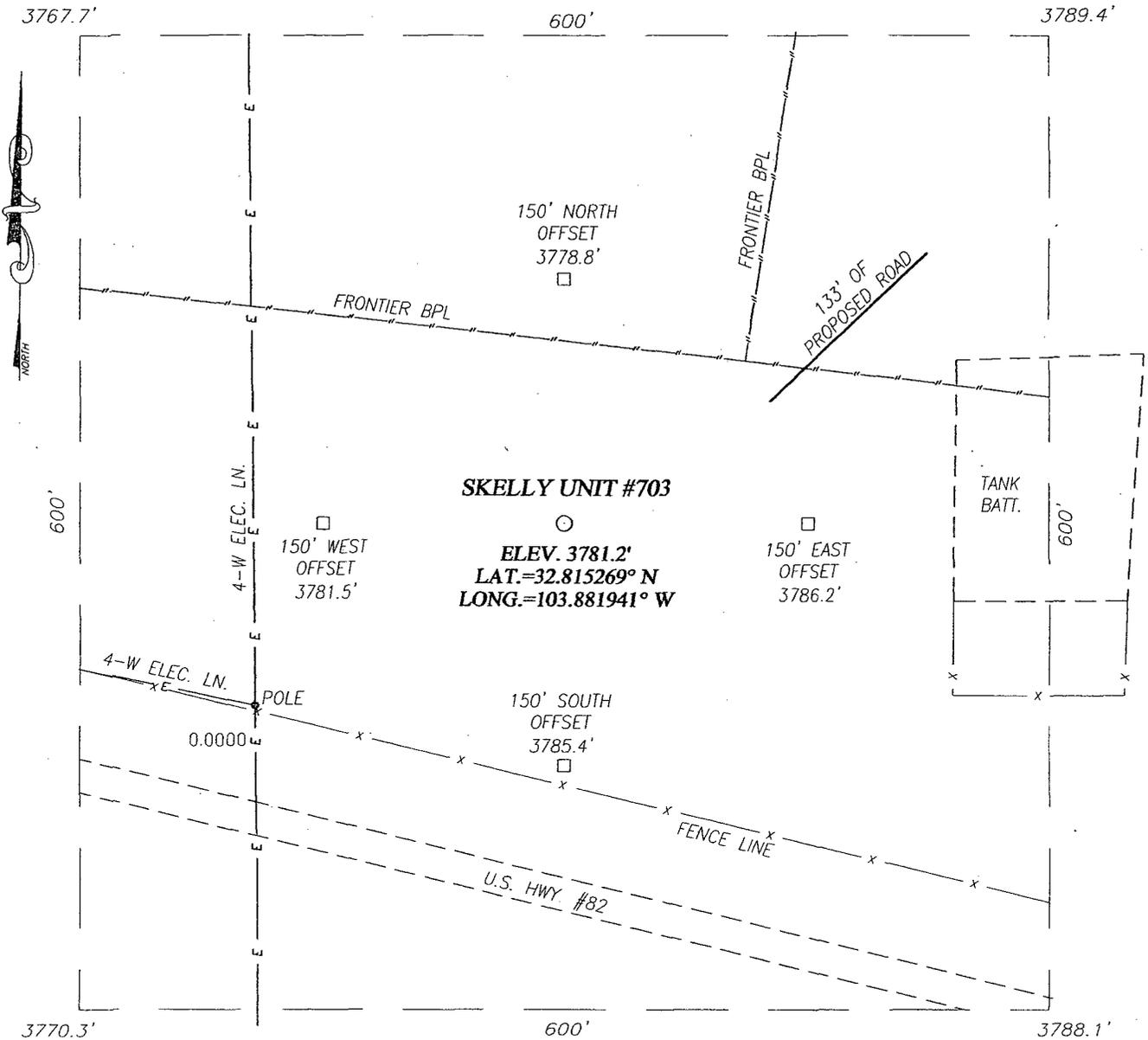
Field Representative (if not above signatory): Same

E-mail: [cbird@conchoresources.com](mailto:cbird@conchoresources.com)

SECTION 21, TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.

EDDY COUNTY

NEW MEXICO

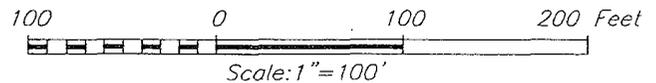


**SKELLY UNIT #703**

**ELEV. 3781.2'**  
**LAT.=32.815269° N**  
**LONG.=103.881941° W**

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF U.S. HIGHWAY #82 AND CO. RD. #222 (SHURGART RD), GO EAST ON US. HWY. #82 APPROX. 0.2 MILES. TURN LEFT AND GO NORTH TO CHEVRON TANK BATTERY PAD. THE LOCATION STAKE IS APPROX. 240 FEET WEST OF THIS PAD.





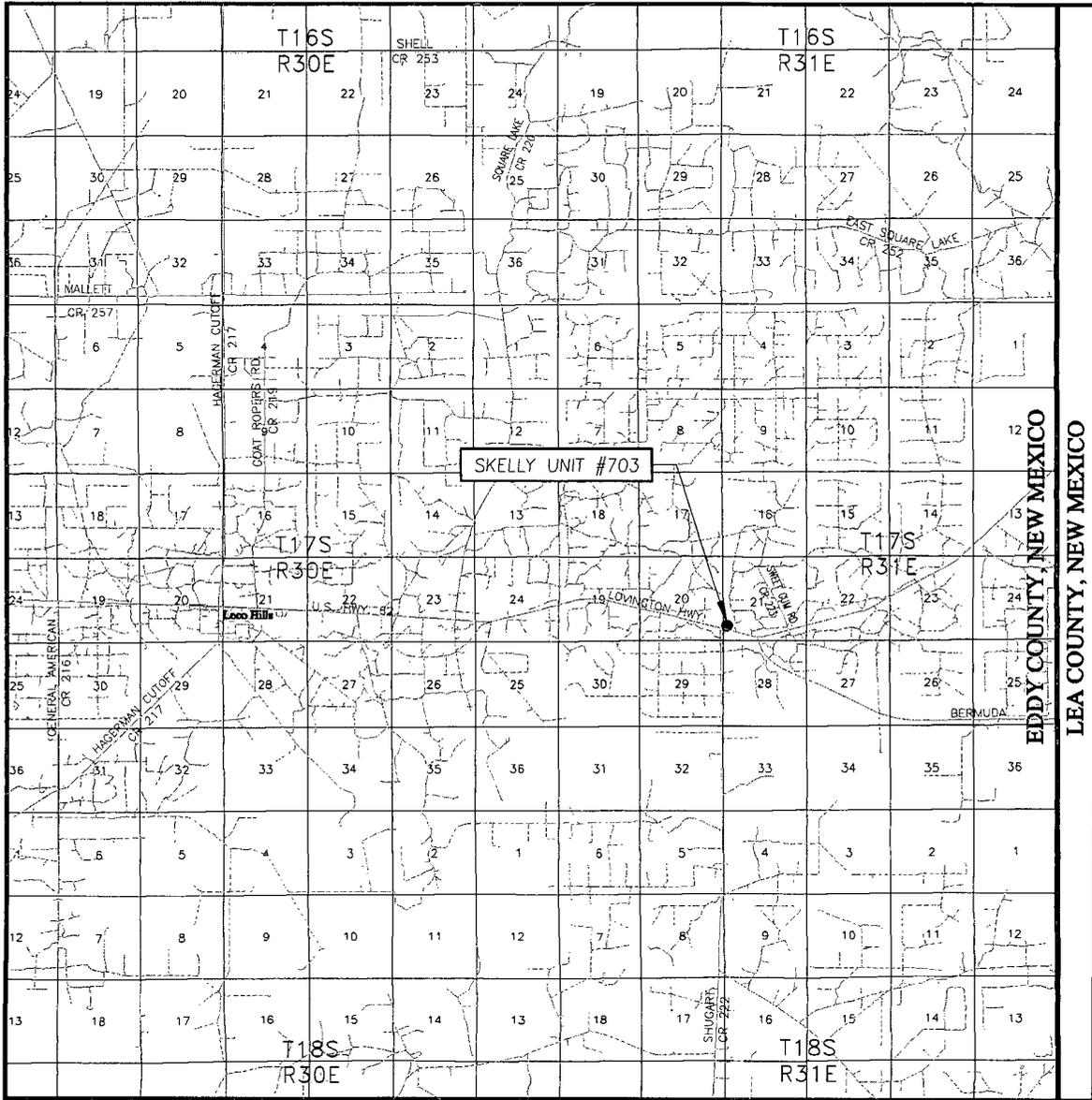
PROVIDING SURVEYING SERVICES  
 SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
 412 N. DAL PASO  
 HOBBS, N.M. 88240  
 (575) 393-3117

**COG OPERATING, LLC**

SKELLY UNIT #703 WELL  
 LOCATED 948 FEET FROM THE SOUTH LINE  
 AND 243 FEET FROM THE WEST LINE OF SECTION 21,  
 TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.,  
 EDDY COUNTY, NEW MEXICO

Survey Date: 8/16/10		Sheet 1 of 1 Sheets	
W.O. Number: 10.11.1566	Dr By: LA	Rev 1: N/A	
Date: 10/26/10	REL: 10111028	10111566	Scale: 1"=100'

# VICINITY MAP



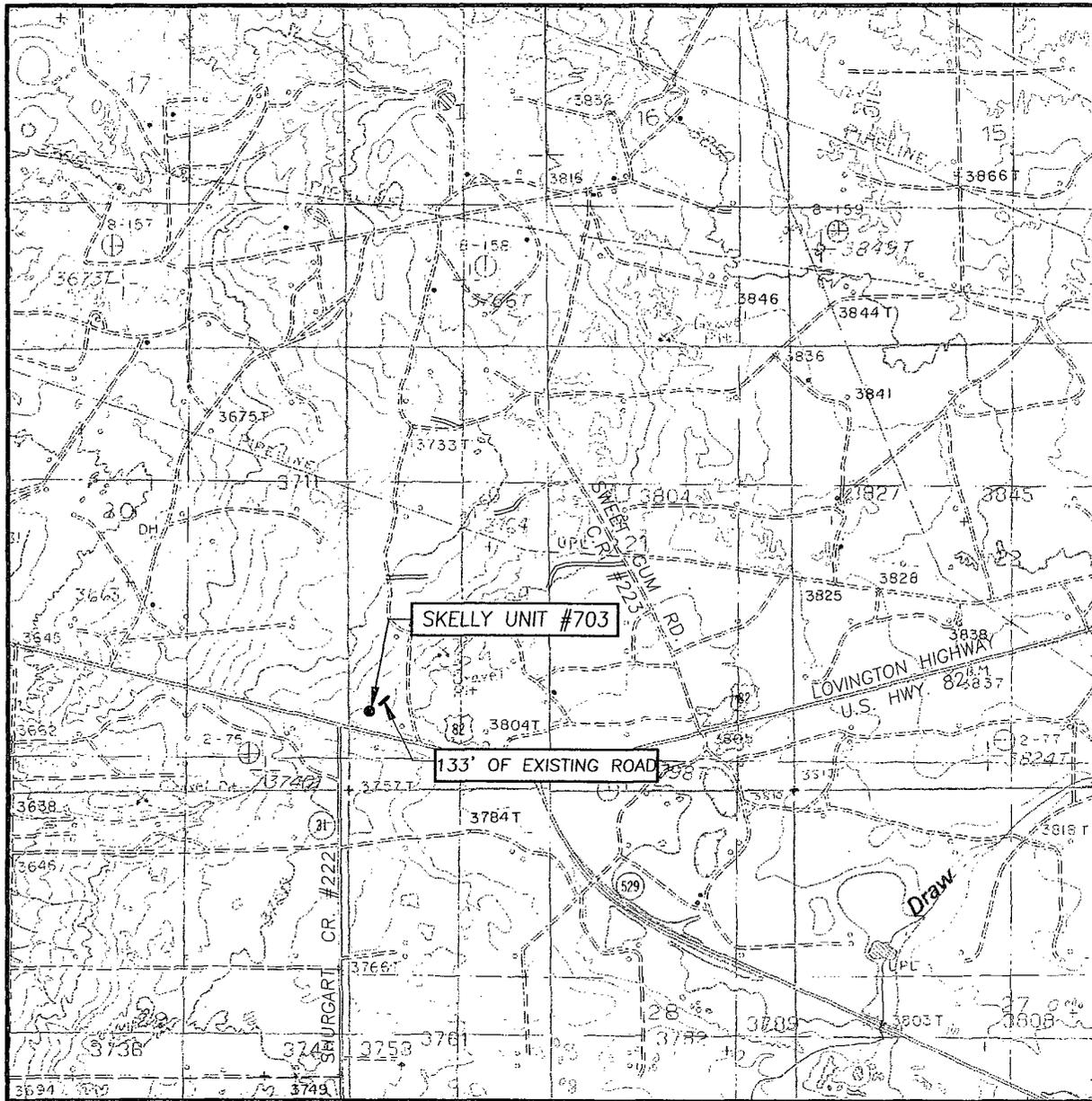
SCALE: 1" = 2 MILES

SEC. 21 TWP. 17-S RGE. 31-E  
 SURVEY \_\_\_\_\_ N.M.P.M. \_\_\_\_\_  
 COUNTY EDDY STATE NEW MEXICO  
 DESCRIPTION 948' FSL & 243' FWL  
 ELEVATION 3781'  
 OPERATOR COG OPERATING, LLC  
 LEASE SKELLY UNIT



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:  
 LOCO HILLS, N.M. - 10'  
 MALJAMAR, N.M. - 10'

SEC. 21 TWP. 17-S RGE. 31-E

SURVEY \_\_\_\_\_ N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 948' FSL & 243' FWL

ELEVATION 3781'

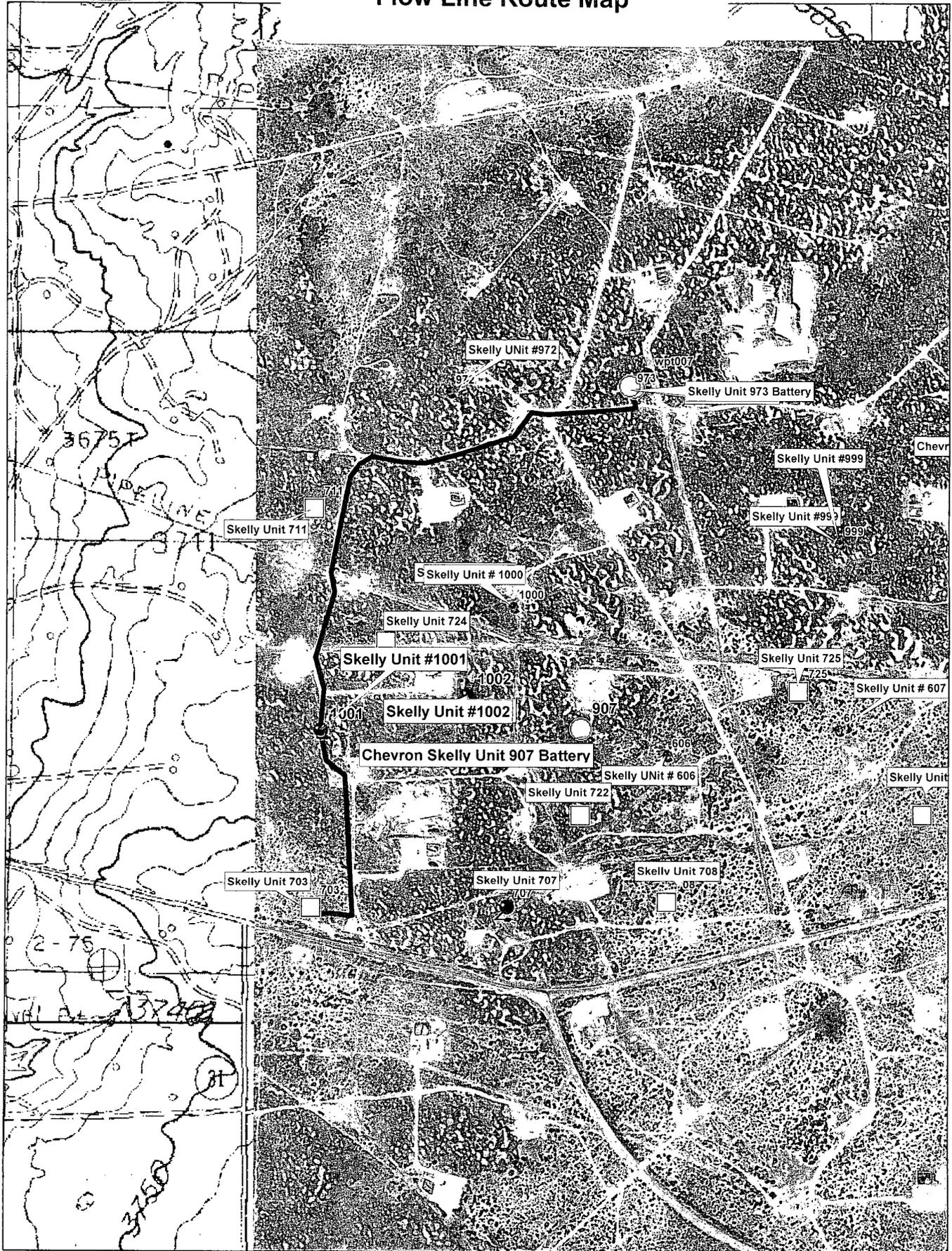
OPERATOR COG OPERATING, LLC

LEASE SKELLY UNIT

U.S.G.S. TOPOGRAPHIC MAP  
 LOCO HILLS, N.M.



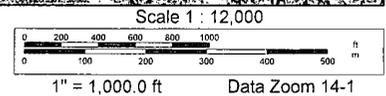
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**JOHN WEST SURVEYING COMPANY**  
 412 N. DAL PASO  
 HOBBS, N.M. 88240  
 (575) 393-3117



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## Wells in 1 Mile Radius to Skelly Unit 703

API#	Operator	County	Legal	Lease	Well#	Date Issued	Permitted Depth	Permit TVD	Images	Doc	Total Depth	Well Type	Well Status	Target Formation
30-015-38054	COG OPERATING LLC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	704	7/23/2010	6,900		No	link	6,900	PO	Active	
30-015-38013	COG OPERATING LLC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	689	7/15/2010	6,700		No	link	6,700	PO	Active	
30-015-38014	COG OPERATING LLC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	711	7/15/2010	6,927		No	link	6,927	PO	Active	
30-015-37981	COG OPERATING LLC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	700	7/1/2010	6,900		No	link	6,900	PO	Active	
30-015-37882	COG OPERATING LLC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	718	5/27/2010	6,700		Yes	link	6,700	PO	Active Permit	
30-015-37883	COG OPERATING LLC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	719	5/27/2010	6,800		Yes	link	6,800	PO	Active Permit	
30-015-37007	FOREST OIL CORPORATION	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	505	2/25/2009	4,600		Yes	link	4,600	PO	Active Permit	
30-015-37008	FOREST OIL CORPORATION	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	503	2/24/2009	4,600		Yes	link	3,900	O	Active Permit	
30-015-37006	FOREST OIL CORPORATION	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	502	2/23/2009	4,600		Yes	link	3,900	O	Active Permit	
30-015-36764	COG OPERATING LLC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	607	11/4/2008	6,400		Yes	link	6,811	O	Active Permit	
30-015-36765	COG OPERATING LLC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	606	11/4/2008	6,400		Yes	link	6,813	O	Active Permit	
30-015-36470	COG OPERATING LLC AGENT or COG OPERATING LLC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	600	7/31/2008	6,550		Yes	link	6,568	O	Active Permit	
30-015-36475	COG OPERATING LLC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	999	7/23/2008	6,450		Yes	link	6,500	O	Active Permit	
30-015-36596	COG OPERATING LLC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	602	7/22/2008	6,700		Yes	link	6,677	O	Active Permit	
30-015-36423	FOREST OIL CORPORATION	EDDY	S:16, T:17S, R:31E	STATE B	13	7/18/2008	4,100		Yes	link	4,100	PI	Active Permit	GRAYBURG
30-015-36447	COG OPERATING LLC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	601	7/17/2008	6,700		Yes	link	6,700	O	Active Permit	
30-015-36351	COG OPERATING LLC	EDDY	S:16, T:17S, R:31E	WILLOW STATE	009	6/4/2008			Yes	link	6,498	O	Active Permit	YESO FORMATION
30-015-36255	FOREST OIL CORPORATION	EDDY	S:16, T:17S, R:31E	FOC B STATE	011	4/7/2008	4,100		Yes	link	4,040	O	Active Permit	GRAYBURG
	CHEVRON U S A INC or													

30-015-36283	CHEVRON USA INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	973	4/1/2008	6,400		Yes	link	6,407	O	Active Permit	
30-015-36184	CHEVRON USA, INC. or CHEVRON USA INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	972	2/22/2008	6,400		Yes	link	6,415	O	Active Permit	
30-015-34559	MACK ENERGY CORPORATION or MACK ENERGY CORP	EDDY	S:16, T:17S, R:31E	WILLOW STATE	008	1/30/2006	6,800		No	link	6,310	O	Active Permit	PADDOCK
30-015-33089	MARBOB ENERGY CORPORATION or MARBOB ENERGY CORP	EDDY	S:16, T:17S, R:31E	OXY SPUMONI STATE	001	4/8/2004	9,850		Yes	link	12,200	G	Active	PENN
30-015-33089	MARBOB ENERGY CORP	EDDY	S:16, T:17S, R:31E	OXY SPUMONI STATE	001	3/31/2004			No	link	12,200	G	Active	FREN CISCO CANYON
30-015-33089	OXY USA WTP LIMITED PARTNERSHIP	EDDY	S:16, T:17S, R:31E	OXY SPUMONI STATE	001	11/1/2003	12,000		No	link	12,200	G	Active	MORROW
30-015-33029	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	005Q	10/3/2003			No	link	5,290	O	Active	LOCO HILLS PADDOCK
30-015-30500	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	005	9/30/2003			No	link	6,000	O	Active	PADDOCK
30-015-33029	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	005	9/30/2003			No	link	5,290	O	Active	LOCO HILLS PADDOCK
30-015-32895	CHEVRON USA, INC. or CHEVRON USA INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	952	6/24/2003	11,800		No	link	11,850	O	Active	MORROW
30-015-32895	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	952	5/31/2003			No	link	11,850	O	Active	N CEDAR LAKE MORROW
30-015-32769	MARBOB ENERGY CORP	EDDY	S:17, T:17S, R:31E	LEE FEDERAL	037	4/28/2003	6,000		No	link	5,281	O	Active	LOCO HILLS PADDOCK
30-015-32737	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	011	4/8/2003	6,000		No	link	5,362	O	Active	LOCO HILLS PADDOCK
30-015-32739	MARBOB ENERGY CORP	EDDY	S:17, T:17S, R:31E	LEE FEDERAL	036	4/8/2003	6,000		No	link	5,260	O	Active	LOCO HILLS PADDOCK
30-015-32740	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	039	4/8/2003	6,000		No	link	5,218	O	Active	LOCO HILLS PADDOCK
30-015-32744	MARBOB ENERGY CORP	EDDY	S:17, T:17S, R:31E	LEE FEDERAL	035	4/8/2003	6,000		No	link	5,233	O	Active	LOCO HILLS PADDOCK
30-015-30500	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	005	4/8/2003	6,000		No	link	6,000	O	Active	PADDOCK
30-015-32737	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	011	3/31/2003			No	link	5,362	O	Active	LOCO HILLS PADDOCK
30-015-32739	MARBOB ENERGY CORP	EDDY	S:17, T:17S, R:31E	LEE FEDERAL	036	3/31/2003			No	link	5,260	O	Active	LOCO HILLS PADDOCK
30-015-32740	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	039	3/31/2003			No	link	5,218	O	Active	LOCO HILLS PADDOCK
30-015-32744	MARBOB ENERGY CORP	EDDY	S:17, T:17S, R:31E	LEE FEDERAL	035	3/31/2003			No	link	5,233	O	Active	LOCO HILLS PADDOCK
30-015-32769	MARBOB ENERGY CORP	EDDY	S:17, T:17S, R:31E	LEE FEDERAL	037	3/31/2003			No	link	5,281	O	Active	LOCO HILLS PADDOCK
30-015-30426	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	011	2/3/2003	6,000		No	link	6,000	PO	Active Permit	

30-015-30598	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	008	2/3/2003	6,000	No	link	5,325	O	Active	
30-015-30426	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	011	1/31/2003		No	link	6,000	PO	Active Permit	PADDOCK
30-015-30598	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	008	1/31/2003		No	link	5,325	O	Active	PADDOCK
30-015-32595	CHEVRON USA, INC. or CHEVRON USA INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	936	1/16/2003	5,500	No	link	5,265	O	Active	FREN PADDOCK
30-015-32596	CHEVRON USA, INC. or CHEVRON USA INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	937	1/16/2003	5,500	No	link	5,305	O	Active	FREN PADDOCK
30-015-32597	CHEVRON USA, INC. or CHEVRON USA INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	938	1/16/2003	5,500	No	link	5,410	O	Active	FREN PADDOCK
30-015-32585	OXY USA WTP LIMITED PARTNERSHIP	EDDY	S:29, T:17S, R:31E	OXY DOC SLAWIN FEDERAL	002	1/13/2003	12,400	No	link	11,880	G	Active	E CEDAR LAKE MORROW
30-015-05172	WISER OIL CO (THE)	EDDY	S:16, T:17S, R:31E	STATE B	003	1/1/2003	0	No	link	0	O	Shut-in	
30-015-32585	OXY USA WTP LIMITED PARTNERSHIP	EDDY	S:29, T:17S, R:31E	OXY DOC SLAWIN FEDERAL	002	12/31/2002		No	link	11,880	G	Active	E CEDAR LAKE MORROW
30-015-32595	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	936	12/31/2002		No	link	5,265	O	Active	FREN PADDOCK
30-015-32596	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	937	12/31/2002		No	link	5,305	O	Active	FREN PADDOCK
30-015-32597	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	938	12/31/2002		No	link	5,410	O	Active	FREN PADDOCK
30-015-31823	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	915	10/31/2002		No	link	5,500	PO	Active Permit	FREN PADDOCK
30-015-31822	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	910	10/31/2002		No	link	5,500	PO	Active Permit	FREN PADDOCK
30-015-28676	YESO ENERGY, INC.	EDDY	S:28, T:17S, R:31E	DOW B 28 FEDERAL	001	10/1/2002		No	link	12,725	O	Active	MORROW
30-015-32436	MACK ENERGY CORPORATION or MACK ENERGY CORP	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	951	8/30/2002	12,200	No	link	12,000	G	Active	MORROW
30-015-32437	MACK ENERGY CORPORATION or MACK ENERGY CORP	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	950	8/30/2002	12,200	No	link	12,095	G	Active	MORROW
30-015-32376	MARBOB ENERGY CORP MERIT ENERGY	EDDY	S:17, T:17S, R:31E	LEE FEDERAL	029	7/15/2002	6,000	No	link	5,316	O	Active	CEDAR LAKE YESO

30-015-05183	CO or MERIT ENERGY COMPANY, LLC	EDDY	S:17, T:17S, R:31E	TURNER B	004	7/1/2002	0	No	link	0	G	Active
30-015-05185	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:17, T:17S, R:31E	TURNER B	007	7/1/2002	0	No	link	0	I	Injection Well
30-015-05186	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:17, T:17S, R:31E	TURNER B	030	7/1/2002	0	No	link	0	I	Injection Well
30-015-05190	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:17, T:17S, R:31E	TURNER B	031	7/1/2002		No	link		O	Temporarily Abandoned
30-015-05191	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:17, T:17S, R:31E	TURNER B	032	7/1/2002		No	link		O	Temporarily Abandoned
30-015-05280	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	008	7/1/2002	0	No	link	3,448	I	Injection Well
30-015-05283	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	011	7/1/2002	0	No	link	3,501	I	Injection Well
30-015-05290	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	018	7/1/2002		No	link		O	Temporarily Abandoned
30-015-05298	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	051	7/1/2002	0	No	link	0	I	Injection Well
30-015-05302	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	072	7/1/2002	0	No	link	0	I	Injection Well
30-015-05303	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	078	7/1/2002	0	No	link	0	I	Injection Well
30-015-05304	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	006	7/1/2002	0	No	link	3,300	I	Injection Well
30-015-05305	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	033	7/1/2002		No	link		O	Temporarily Abandoned
30-015-05306	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	034	7/1/2002		No	link		O	Temporarily Abandoned
30-015-05308	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	038	7/1/2002		No	link		O	Temporarily Abandoned
	MERIT ENERGY											

30-015-05309	CO of MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	039	7/1/2002			No	link		O	Temporarily Abandoned
30-015-05310	MERIT ENERGY CO of MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	041	7/1/2002	0		No	link	0	G	Active
30-015-05311	MERIT ENERGY CO of MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	044	7/1/2002	0		No	link	3,331	I	Injection Well
30-015-05313	MERIT ENERGY CO of MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	046	7/1/2002	0		No	link	0	I	Injection Well
30-015-05434	MERIT ENERGY CO of MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	025	7/1/2002			No	link	2,040	O	Temporarily Abandoned
30-015-05435	MERIT ENERGY CO of MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	047	7/1/2002	0		No	link	0	I	Injection Well
30-015-05436	MERIT ENERGY CO of MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	049	7/1/2002	0		No	link	0	I	Injection Well
30-015-05443	MERIT ENERGY CO of MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	054	7/1/2002	0		No	link	0	I	Injection Well
30-015-05444	MERIT ENERGY CO of MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	055	7/1/2002	0		No	link	0	I	Injection Well
30-015-05446	MERIT ENERGY CO of MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	059	7/1/2002	0		No	link	3,479	I	Injection Well
30-015-05447	MERIT ENERGY CO of MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	060	7/1/2002	0		No	link	3,632	I	Injection Well
30-015-05448	MERIT ENERGY CO of MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	061	7/1/2002			No	link		I	Injection Well
30-015-05449	MERIT ENERGY CO of MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	062	7/1/2002	0		No	link	0	I	Injection Well
30-015-05458	MERIT ENERGY CO of MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	048	7/1/2002	0		No	link	3,411	I	Injection Well
30-015-20109	MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	079	7/1/2002			No	link	3,530	I	Injection Well
	MERIT ENERGY												

30-015-26385	CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	082	7/1/2002			No	link	3,724	PO	Pumping
30-015-26388	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	080	7/1/2002			No	link	3,600	PO	Pumping
30-015-26389	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	081	7/1/2002			No	link	3,700	PO	Pumping
30-015-26390	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	083	7/1/2002			No	link	3,495	PO	Active
30-015-26391	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	084	7/1/2002			No	link	3,550	PO	Pumping
30-015-26392	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	086	7/1/2002			No	link	3,725	PO	Pumping
30-015-26595	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	089	7/1/2002			No	link	3,800	PO	Pumping
30-015-26596	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	092	7/1/2002			No	link	3,800	PO	Pumping
30-015-26603	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	091	7/1/2002			No	link	3,620	PO	Pumping
30-015-26611	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	093	7/1/2002			No	link	3,880	PO	Pumping
30-015-26618	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	096	7/1/2002			No	link	3,767	PO	Pumping
30-015-26619	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	097	7/1/2002			No	link	3,800	PO	Pumping
30-015-26637	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	094	7/1/2002			No	link	3,870	PO	Pumping
30-015-26665	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	103	7/1/2002			No	link	3,871	O	Active
30-015-26695	MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	101	7/1/2002			No	link	3,857	O	Shut-in
	MERIT ENERGY												

30-015-26696	CO or MERIT ENERGY COMPANY, LLC	EDDY	S:17, T:17S, R:31E	TURNER B	104	7/1/2002			No	link	3,648	O	Pumping	
30-015-26706	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:17, T:17S, R:31E	TURNER B	106	7/1/2002			No	link	3,863	O	Pumping	
30-015-29386	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	131	7/1/2002			No	link	3,367	I	Injection Well	SAN ANDRES
30-015-29387	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	132	7/1/2002			No	link	3,585	O	Pumping	SAN ANDRES
30-015-29620	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	134	7/1/2002			No	link	3,710	O	Pumping	GRAYBURG-JACKSON
30-015-29621	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	135	7/1/2002			No	link	3,766	O	Pumping	GRAYBURG-JACKSON
30-015-29622	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	136	7/1/2002			No	link	3,925	O	Pumping	GRAYBURG-JACKSON
30-015-29954	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	137	7/1/2002			No	link	3,650	O	Pumping	SAN ANDRES
30-015-30321	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	138	7/1/2002			No	link	3,706	I	Injection Well	GRAYBURG JACKSON
30-015-26386	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	085	6/30/2002	99,999		No	link	3,597	O	Pumping	
30-015-26387	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	087	6/30/2002	99,999		No	link	3,725	O	Pumping	
30-015-26571	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	088	6/30/2002	99,999		No	link	3,745	O	Pumping	
30-015-26664	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	102	6/30/2002			No	link	3,815	O	Pumping	
30-015-32376	MARBOB ENERGY CORP	EDDY	S:17, T:17S, R:31E	LEE FEDERAL	029	6/30/2002			No	link	5,316	O	Active	CEDAR LAKE YESO
30-015-31494	CHEVRON USA, INC. or CHEVRON USA INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	906	5/1/2002			No	link	5,700	O	Active	
	CHEVRON USA, INC. or CHEVRON USA			SKELLY										

30-015-31663	INC	EDDY	S:21, T:17S, R:31E	UNIT	911	5/1/2002			No	link	5,500	O	Active	
30-015-31739	CHEVRON USA, INC. or CHEVRON USA INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	916	5/1/2002			No	link	5,500	O	Active	
30-015-29326	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	901	5/1/2002			No	link	9,200	G	Pumping	MORROW
30-015-31375	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	908	5/1/2002			No	link	5,805	O	Pumping	FREN PADDOCK
30-015-31385	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	907	5/1/2002			No	link	5,400	O	Pumping	FREN PADDOCK
30-015-31664	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	912	5/1/2002			No	link	5,438	U	Pumping	FREN PADDOCK
30-015-31665	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	914	5/1/2002			No	link	5,400	U	Pumping	FREN PADDOCK
30-015-31666	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	930	5/1/2002			No	link	5,295	O	Pumping	FREN PADDOCK
30-015-31667	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	931	5/1/2002			No	link	5,370	O	Pumping	FREN PADDOCK
30-015-31975	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	933	5/1/2002			No	link	5,415	O	Active	FREN PADDOCK
30-015-31976	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	934	5/1/2002			No	link	5,255	O	Active	FREN PADDOCK
30-015-31977	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	935	5/1/2002			No	link	5,446	O	Active	FREN PADDOCK
30-015-32206	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	932	5/1/2002			No	link		O	Active	FREN PADDOCK
30-015-31494	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	906	4/30/2002			No	link	5,700	O	Active	FREN PADDOCK
30-015-31663	CHEVRON USA, INC. or CHEVRON U S A INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	911	4/30/2002			No	link	5,500	O	Active	FREN PADDOCK
	CHEVRON USA, INC. or CHEVRON U S			SKELLY										

30-015-31739	A INC	EDDY	S:21, T:17S, R:31E	UNIT	916	4/30/2002			No	link	5,500	O	Active	FREN PADDOCK
30-015-32265	OXY USA WTP LIMITED PARTNERSHIP	EDDY	S:29, T:17S, R:31E	OXY JAMOCA FEDERAL	001	4/15/2002	12,100		No	link	12,100	PG	Active	MORROW
30-015-32265	OXY USA WTP LIMITED PARTNERSHIP	EDDY	S:29, T:17S, R:31E	OXY JAMOCA FEDERAL	001	3/31/2002			No	link	12,100	PG	Active	N CEDAR LAKE MORROW
30-015-32206	TEXACO EXPLORATION & PRODUCTION INC or TEXACO EXPLORATION & PRODUCTION INC.	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	932	2/12/2002			No	link		O	Active	FREN PADDOCK
30-015-32087	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	020Y	10/29/2001			No	link	5,200	O	Pumping	CEDAR LAKE YESO
30-015-32072	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	014	10/25/2001			No	link	5,225	O	Pumping	CEDAR LAKE YESO
30-015-32073	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	021	10/25/2001			No	link	5,312	O	Pumping	CEDAR LAKE YESO
30-015-32048	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	015	10/15/2001			No	link	5,198	O	Active	CEDAR LAKE YESO
30-015-32049	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	016	10/15/2001			No	link	5,174	O	Pumping	CEDAR LAKE YESO
30-015-32045	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	020	10/12/2001			No	link	6,000	PO	Active	CEDAR LAKE YESO
30-015-31962	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	019	8/13/2001			No	link	5,169	O	Pumping	CEDAR LAKE YESO
30-015-31822	CHEVRON USA, INC. or CHEVRON USA INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	910	6/4/2001	5,500		No	link	5,500	PO	Active Permit	PADDOCK
30-015-31823	CHEVRON USA, INC. or CHEVRON USA INC	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	915	6/4/2001	5,500		No	link	5,500	PO	Active Permit	PADDOCK
30-015-31818	OXY USA WTP LIMITED PARTNERSHIP	EDDY	S:20, T:17S, R:31E	OXY ROCKY ROAD FEDERAL	001	6/1/2001			No	link	12,000	G	Flowing	UND MORROW
30-015-30510	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	004	11/19/1998	6,000		No	link	6,000	O	Active	PADDOCK
30-015-30511	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	010	11/19/1998			No	link	5,231	O	Pumping	PADDOCK
30-015-30508	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	012	11/18/1998			No	link	5,316	O	Pumping	PADDOCK
30-015-30510	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	004	10/31/1998			No	link	6,000	O	Active	PADDOCK
30-015-30423	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	007	9/29/1998			No	link		O	Active	PADDOCK
30-015-30424	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	006	9/29/1998			No	link	5,170	O	Pumping	PADDOCK
30-015-30425	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	013	9/29/1998			No	link	5,412	O	Pumping	PADDOCK
30-015-30269	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	003	5/20/1998			No	link	5,375	O	Pumping	YESO
30-015-30243	MARBOB ENERGY CORP	EDDY	S:20, T:17S, R:31E	LEE FEDERAL	001	5/8/1998			No	link	5,500	O	Pumping	YESO

30-015-29240	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	285	4/7/1998			No	link		PO	Unknown	SAN ANDRES
30-015-29161	DEVON ENERGY PRODUCTION COMPANY, LP	EDDY	S:20, T:17S, R:31E	TURNER B	124	4/3/1998			No	link		PO	Unknown	SEVEN RIVERS
30-015-29134	DEVON ENERGY PRODUCTION COMPANY, LP	EDDY	S:20, T:17S, R:31E	TURNER B	120	3/24/1998			No	link		X	Cancelled	SEVEN RIVERS
30-015-29140	DEVON ENERGY PRODUCTION COMPANY, LP	EDDY	S:20, T:17S, R:31E	TURNER B	123	3/24/1998			No	link		PO	Unknown	SEVEN RIVERS
30-015-29151	DEVON ENERGY PRODUCTION COMPANY, LP	EDDY	S:17, T:17S, R:31E	TURNER B	128	3/24/1998			No	link		PO	Unknown	SEVEN RIVERS
30-015-29159	DEVON ENERGY PRODUCTION COMPANY, LP	EDDY	S:20, T:17S, R:31E	TURNER B	121	3/24/1998			No	link		X	Cancelled	SEVEN RIVERS
30-015-29160	DEVON ENERGY PRODUCTION COMPANY, LP	EDDY	S:20, T:17S, R:31E	TURNER B	122	3/24/1998			No	link		X	Cancelled	SEVEN RIVERS
30-015-29383	DEVON ENERGY PRODUCTION COMPANY, LP	EDDY	S:20, T:17S, R:31E	TURNER B	130	3/24/1998			No	link		PO	Unknown	SAN ANDRES
30-015-29969	WISER OIL CO (THE)	EDDY	S:16, T:17S, R:31E	STATE AZ	003	12/15/1997			No	link	3,759	O	Pumping	SAN ANDRES
30-015-29860	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	402	9/24/1997			No	link	3,988	O	Pumping	SAN ANDRES
30-015-29856	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	400	9/16/1997			No	link	3,922	O	Pumping	SAN ANDRES
30-015-29817	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	401	8/21/1997			No	link	3,950	O	Pumping	SAN ANDRES
30-015-05338	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	068	7/25/1997	0		No	link	3,510	I	Injection Well	
30-015-05317	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	063	7/22/1997	0		No	link	3,571	I	Injection Well	
30-015-04885	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	093	7/17/1997	0		No	link	3,685	I	Injection Well	
30-015-05428	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	090	7/17/1997	0		No	link	3,630	O	Injection Well	
30-015-05331	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	074	7/16/1997	0		No	link	0	PI	Injection Well	
30-015-29496	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	301	7/16/1997			No	link	3,950	I	Injection Well	SAN ANDRES
30-015-05318	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	060	7/10/1997	0		No	link	0	I	Injection Well	
30-015-05316	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	062	7/3/1997	0		No	link	3,555	I	Injection Well	
30-015-29712	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	302	7/3/1997			No	link	3,800	O	Pumping	SAN ANDRES
30-015-05342	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	065	6/30/1997	99,999		No	link	99,999	I	Injection Well	
	WISER OIL CO			SKELLY										

30-015-05315	(THE)	EDDY	S:21, T:17S, R:31E	UNIT	061	6/23/1997	0	No	link	0	I	Injection Well	
30-015-05175	WISER OIL CO (THE)	EDDY	S:16, T:17S, R:31E	STATE AZ	002	5/27/1997	0	No	link	0	O	Pumping	
30-015-29606	MACK ENERGY CORP	EDDY	S:16, T:17S, R:31E	WILLOW STATE	003	5/14/1997		No	link	5,507	O	Pumping	PADDOCK
30-015-05341	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	066	4/28/1997	0	No	link	0	I	Injection Well	
30-015-05320	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	059	4/17/1997	0	No	link	3,654	I	Injection Well	
30-015-05426	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	088	4/17/1997	0	No	link	3,724	I	Injection Well	
30-015-04884	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	094	4/15/1997	0	No	link	0	I	Injection Well	SAN ANDRES
30-015-05432	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	100	4/15/1997		No	link		I	Injection Well	SAN ANDRES
30-015-29314	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	284	12/20/1996		No	link	4,025	O	Active	GRAYBURG JACKSON
30-015-05192	DEVON ENERGY PRODUCTION COMPANY, LP	EDDY	S:17, T:17S, R:31E	TURNER B	035	11/1/1996	0	No	link	0	O	Pumping	PLUGGED & ABANDON
30-015-05281	DEVON ENERGY PRODUCTION COMPANY, LP	EDDY	S:20, T:17S, R:31E	TURNER B	009	11/1/1996	0	No	link	0	O	Pumping	PLUGGED & ABANDON
30-015-05307	DEVON ENERGY PRODUCTION COMPANY, LP	EDDY	S:20, T:17S, R:31E	TURNER B	036	11/1/1996	0	No	link	0	O	Pumping	
30-015-26606	DEVON ENERGY PRODUCTION COMPANY, LP	EDDY	S:29, T:17S, R:31E	TURNER B	090	11/1/1996	0	No	link	3,606	PO	Pumping	
30-015-26705	DEVON ENERGY PRODUCTION COMPANY, LP	EDDY	S:17, T:17S, R:31E	TURNER B	105	11/1/1996		No	link	3,794	O	Pumping	
30-015-29239	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	273	10/23/1996		No	link	3,950	O	Pumping	SAN ANDRES
30-015-29227	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	283	10/11/1996		No	link	4,000	O	Active	SAN ANDRES
30-015-29210	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	274	10/4/1996		No	link	3,950	O	Pumping	SAN ANDRES
30-015-29181	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	233	9/24/1996		No	link	3,900	O	Pumping	SAN ANDRES
30-015-29063	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	246	7/25/1996		No	link	3,950	O	Pumping	SAN ANDRES
30-015-29064	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	272	7/25/1996		No	link	3,987	O	Pumping	SAN ANDRES
30-015-28975	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	259	5/9/1996		No	link	4,000	O	Pumping	GRAYBURG JACKSON
30-015-28976	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	284Q	5/9/1996		No	link		O	Active	GRAYBURG JACKSON
30-015-28892	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	220	3/27/1996		No	link	3,800	O	Pumping	GRAYBURG JACKSON
30-015-28893	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	221	3/27/1996		No	link	3,850	O	Pumping	GRAYBURG JACKSON
	WISER OIL CO			SKELLY									

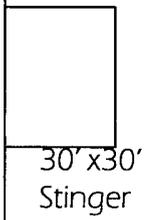
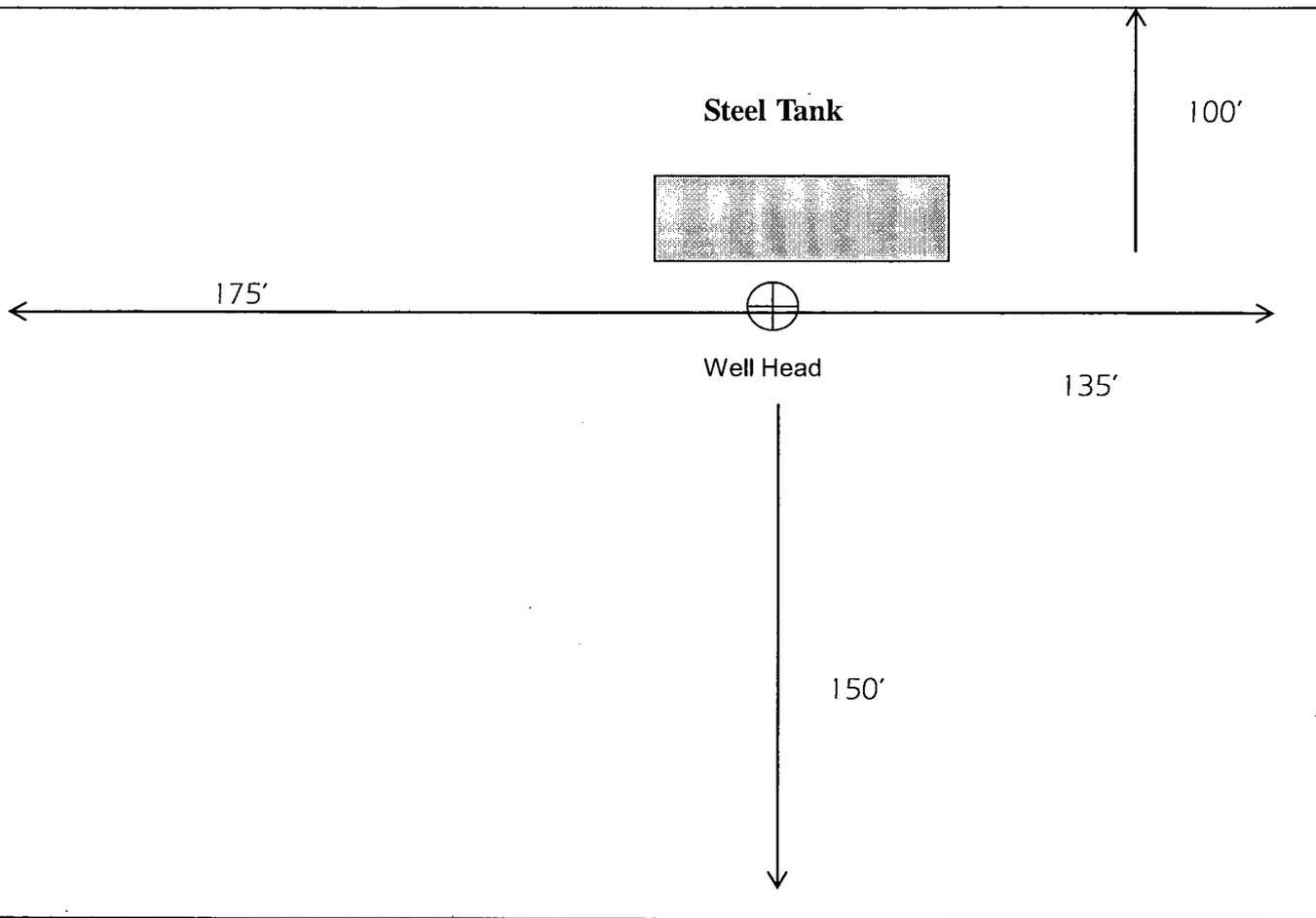
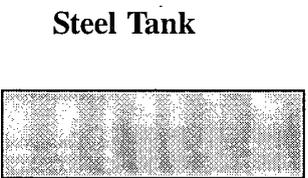
30-015-28894	(THE)	EDDY	S:21, T:17S, R:31E	UNIT	222	3/27/1996			No	link	3,900	O	Active	GRAYBURG JACKSON
30-015-28880	MACK ENERGY CORP	EDDY	S:16, T:17S, R:31E	WILLOW STATE	001	3/18/1996			No	link	8,990	O	Pumping	WOLFCAMP
30-015-28810	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	248	1/29/1996			No	link	3,950	O	Pumping	QUEEN
30-015-28811	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	260	1/29/1996			No	link	3,950	O	Pumping	QUEEN
30-015-28812	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	261	1/29/1996			No	link	3,950	O	Pumping	QUEEN
30-015-28783	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	234	1/17/1996			No	link	3,950	O	Pumping	QUEEN
30-015-28784	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	235	1/17/1996			No	link	3,950	O	Pumping	QUEEN
30-015-28788	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	247	1/17/1996			No	link	3,950	O	Active	QUEEN
30-015-05319	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	064	9/1/1995	0		No	link	3,586	I	Injection Well	
30-015-05321	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	009	9/1/1995	0		No	link	0	O	Pumping	
30-015-05322	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	014	9/1/1995	0		No	link	0	O	Active	
30-015-05323	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	013	9/1/1995	0		No	link	0	O	Active	
30-015-05324	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	012	9/1/1995	0		No	link	2,235	G	Active	
30-015-05325	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	010	9/1/1995	0		No	link	2,247	G	Active	
30-015-05326	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	006	9/1/1995	0		No	link	0	O	Active	
30-015-05327	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	007	9/1/1995	0		No	link	0	O	Pumping	
30-015-05328	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	008	9/1/1995	0		No	link	0	O	Active	
30-015-05329	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	004	9/1/1995	0		No	link	0	O	Active	
30-015-05330	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	011	9/1/1995	0		No	link	0	O	Shut-in	
30-015-05332	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	015	9/1/1995	0		No	link	0	O	Pumping	
30-015-05333	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	075	9/1/1995	0		No	link	0	I	Injection Well	
30-015-05334	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	016	9/1/1995	0		No	link	2,250	G	Active	
30-015-05335	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	005	9/1/1995	0		No	link	0	O	Pumping	
30-015-05337	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	069	9/1/1995	0		No	link	3,230	I	Injection Well	
30-015-05339	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	067	9/1/1995	0		No	link	0	I	Injection Well	
30-015-05340	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	077	9/1/1995	0		No	link	3,650	I	Injection Well	
30-015-05429	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	089	9/1/1995	0		No	link	3,670	I	Injection Well	
30-015-05441	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	095	9/1/1995			No	link	3,783	I	Injection Well	
30-015-22263	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	129	9/1/1995	0		No	link	0	O	Active	

30-015-22264	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	130	9/1/1995	0	No	link	2,550	O	Active	
30-015-22265	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	131	9/1/1995	0	No	link	2,600	O	Pumping	
30-015-22481	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	136	9/1/1995	0	No	link	2,550	O	Active	
30-015-22506	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	137	9/1/1995	0	No	link	2,550	O	Active	
30-015-28140	WISER OIL CO (THE)	EDDY	S:28, T:17S, R:31E	SKELLY UNIT	161	9/1/1995		No	link	12,080	G	Active	
30-015-26664	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:20, T:17S, R:31E	TURNER B	102	3/8/1991	3,700	No	link	3,815	O	Pumping	GRAYBURG
30-015-26571	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	088	12/5/1990	3,500	No	link	3,745	O	Pumping	GRAYBURG
30-015-26386	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	085	6/1/1990	4,000	No	link	3,597	O	Pumping	GRAYBURG
30-015-26387	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:29, T:17S, R:31E	TURNER B	087	6/1/1990	4,000	No	link	3,725	O	Pumping	GRAYBURG
30-015-05342	WISER OIL CO (THE)	EDDY	S:21, T:17S, R:31E	SKELLY UNIT	065	1/1/1970	4,800	No	link	99,999	I	Injection Well	
30-015-05455	MARBOB ENERGY CORP	EDDY	S:29, T:17S, R:31E	TURNER B	073	1/1/1970		No	link		SD	Plugged	





TOP SOIL



Access Road

Not To Scale

COG OPERATING LLC  
Rig Layout-Closed Loop  
System Skelly Unit 703

