

COG Operating LLC

30-015-38505

Hydrogen Sulfide Drilling Operation Plan

I. HYDROGEN SULFIDE TRAINING

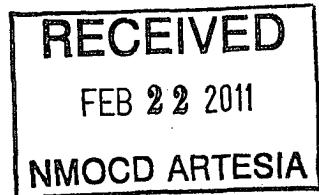
All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, will receive training from a qualified instructor in the following areas prior to commencing drilling operations on this well:

1. The hazards and characteristics of hydrogen sulfide (H₂S)
2. The proper use and maintenance of personal protective equipment and life support systems.
3. The proper use of H₂S 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 H₂S 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 H₂S Drilling Operations Plan and Public Protection Plan.

There will be an initial training session just prior to encountering a known or probable H₂S zone (within 3 days or 500 feet) and weekly H₂S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H₂S Drilling Operations Plan and the Public Protection Plan. **The concentrations of H₂S 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 H₂S service.
- B. All elastomers used for packing and seals shall be H₂S 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 H₂S environment will use the closed chamber method of testing.
- B. There will be no drill stem testing.

EXHIBIT #7

**WARNING
YOU ARE ENTERING AN H₂S
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

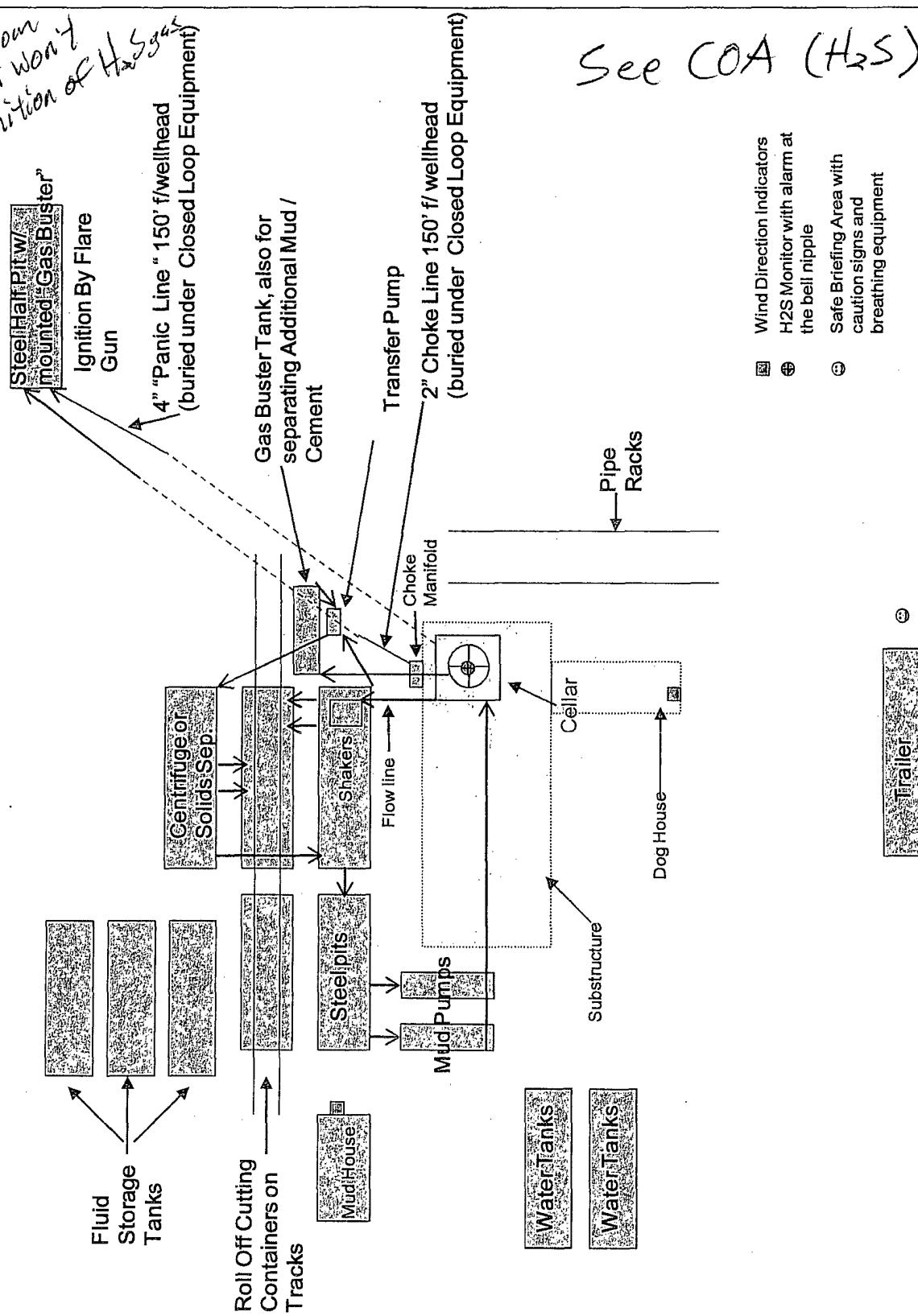
LEA COUNTY EMERGENCY NUMBERS
HOBBS FIRE DEPT. 575-397-9308
HOBBS POLICE DEPT. 575-397-9285
LEA CO. SHERIFF DEPT. 575-396-1196

COG Operating LLC

Drilling Location - H₂S Safety Equipment Diagram

*Open bottom
gasbuster won't
allow ignition of H₂S gas*

EXHIBIT 8



Closed Loop Operation & Maintenance Procedure

All drilling fluid circulated over shaker(s) with cuttings discharged into roll off container.

Fluid and fines below shaker(s) are circulated with transfer pump through centrifuge(s) or solids separator with cuttings and fines discharged into roll off container.

Fluid is continuously re-circulated through equipment with polymer added to aid separation of cutting fines.

Roll off containers are lined and de-watered with fluids re-circulated into system.

Additional tank is used to capture unused drilling fluid or cement returns from casing jobs.

This equipment will be maintained 24 hrs./day by solids control personnel and or rig crews that stay on location.

Cuttings will be hauled to either:

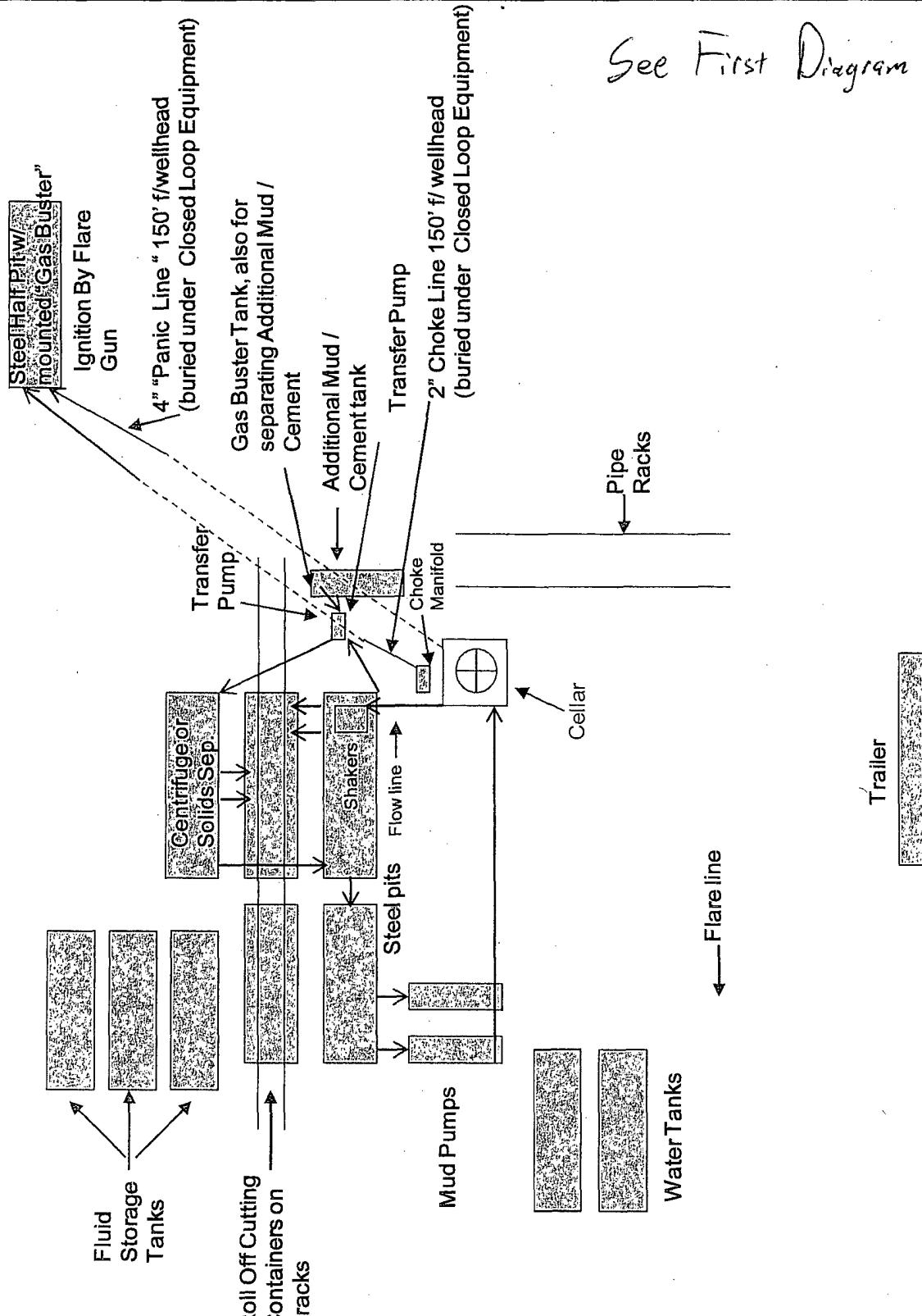
CRI (permit number R9166)

or

GMI (permit number 711-019-001)

dependent upon which rig is available to drill this well.

COG Operating LLC
Closed Loop Equipment Diagram



*Surface Use Plan
COG Operating, LLC
Harvard Federal 17
SHL: 710' FNL & 550' FWL
BHL: 330' FNL & 330' FWL
Section 12, T-17-S, R-30-E, ULD
Eddy County, New Mexico*

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. 220 (Square Lake), Go North on County Road 220 apprx 2.9 miles. Turn Right and go East apprx 0.4 mile. This location stake is apprx 265 feet North of lease road. See Vicinity Map, Exhibit #3.
- D. Routine grading and maintenance of existing roads will be conducted as necessary to maintain their condition as long as any operations continue on this lease. Roads will be maintained according to specifications in section 2A of this Surface Use and Operating Plan.

2. Proposed Access Road:

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

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

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Harvard Federal 17
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Section 12, T-17-S, R-30-E, UL D
Eddy County, New Mexico

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 Harvard Federal #5 tank battery located at 2310 FNL & 990 FEL, Section 11, T17S, R30E, UL H. 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 Harvard Federal #5 Tank Battery located at 2310 FNL & 990 FEL, Section 11, T17S, R30E, UL H. The flowline will be SDR 7 3" poly line laid on the surface and will be approximately 3008' in length with max pressure 100 psi. Flowlines will be no more than 11' from the paralleling road.
 - 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:

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Eddy County, New Mexico*

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:

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Section 12, T-17-S, R-30-E, UL D
Eddy County, New Mexico

- A. The well will be drilled utilizing a closed loop mud system. Drill cuttings will be held in roll-off style mud boxes and taken to an NMOCD approved disposal site.
- B. Drilling fluids will be contained in steel mud pits.
- C. Water produced from the well during completion will be held temporarily in steel tanks and then taken to an NMOCD approved commercial disposal facility.
- D. Garbage and trash produced during drilling or completion operations will be collected in a trash bin and hauled to an approved landfill. No toxic waste or hazardous chemicals will be produced by this operation.
- E. After the rig is moved out and the well is either completed or abandoned, all waste materials will be cleaned up within 30 days. In the event of a dry hole only a dry hole marker will remain.

8. Ancillary Facilities:

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

9. Well Site Layout:

- A. The drill pad layout, with elevations staked by John West Engineering, is shown in Exhibit #4. Dimensions of the pad and pits are shown on Exhibit #6. V door direction is South. 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

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Section 12, T-17-S, R-30-E, UL D

Eddy County , New Mexico

- 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 recountedoured 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 revegitated 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.
- A. The surface tenant for this site is Charles Martin, P O Box 706, Artesia, NM 88211.
- B. 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:

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Eddy County, New Mexico
Bond Coverage is Nationwide Bond # 000215

14. Lessee's and Operator's Representative:

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

John Coffman,

Erick Nelson.

Drilling Superintendent

Division Operations Manager

COG Operating LLC

COG Operating LLC

550 W. Texas, Suite 1300

550 W. Texas, Suite 1300

Midland, TX 79701

Midland, TX 79701

Phone (432) 683-7443 (office)

Phone (505) 746-2210 (office)

(432) 631-9762 (cell)

(432) 238-7591 (cell)

I hereby certify that I, or persons under my direct supervision, have inspected the drill site and access road proposed herein; that I am familiar with the conditions that presently

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Eddy County, New Mexico*

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 20th day of November, 2010.

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:

Surface Use Plan

COG Operating, LLC

Harvard Federal 17

SHL: 710' FNL & 550' FWL

BHL: 330' FNL & 330' FWL

Section 12, T-17-S, R-30-E, UL D

Eddy County, New Mexico

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

SECTION 12, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,
EDDY COUNTY,

NEW MEXICO

3766.4'

600'

3765.2'

150' NORTH
OFFSET
3768.9'



600'

150' WEST
OFFSET
3761.4'

HARVARD FEDERAL #17



ELEV. 3762.6'
LAT.=32.854214° N
LONG.=103.931676° W

150' EAST
 OFFSET
3764.3'

600'

MACK HARVARD
FEDERAL #2
(P & A)

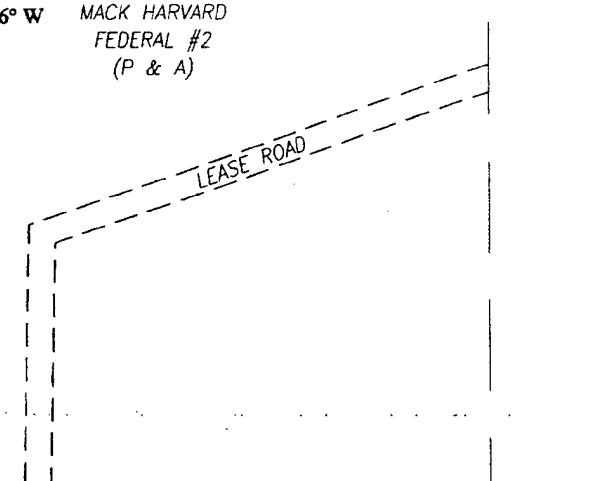
3755.1'

600'

3760.7'

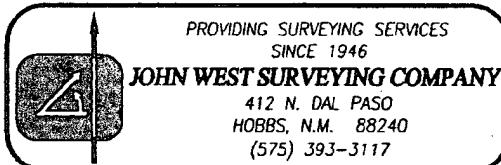
150' SOUTH
OFFSET
3762.2'

LEASE ROAD



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. #220 (SQUARE LAKE RD.), GO NORTH ON CO. RD. #220 APPROX. 2.5 MILES. TURN LEFT AND GO WEST APPROX. 0.4 MILES. TURN RIGHT AND GO NORTH APPROX. 0.2 MILES. THIS LOCATION IS APPROX. 175 FEET NORTH OF LEASE ROAD.



100 0 100 200 Feet

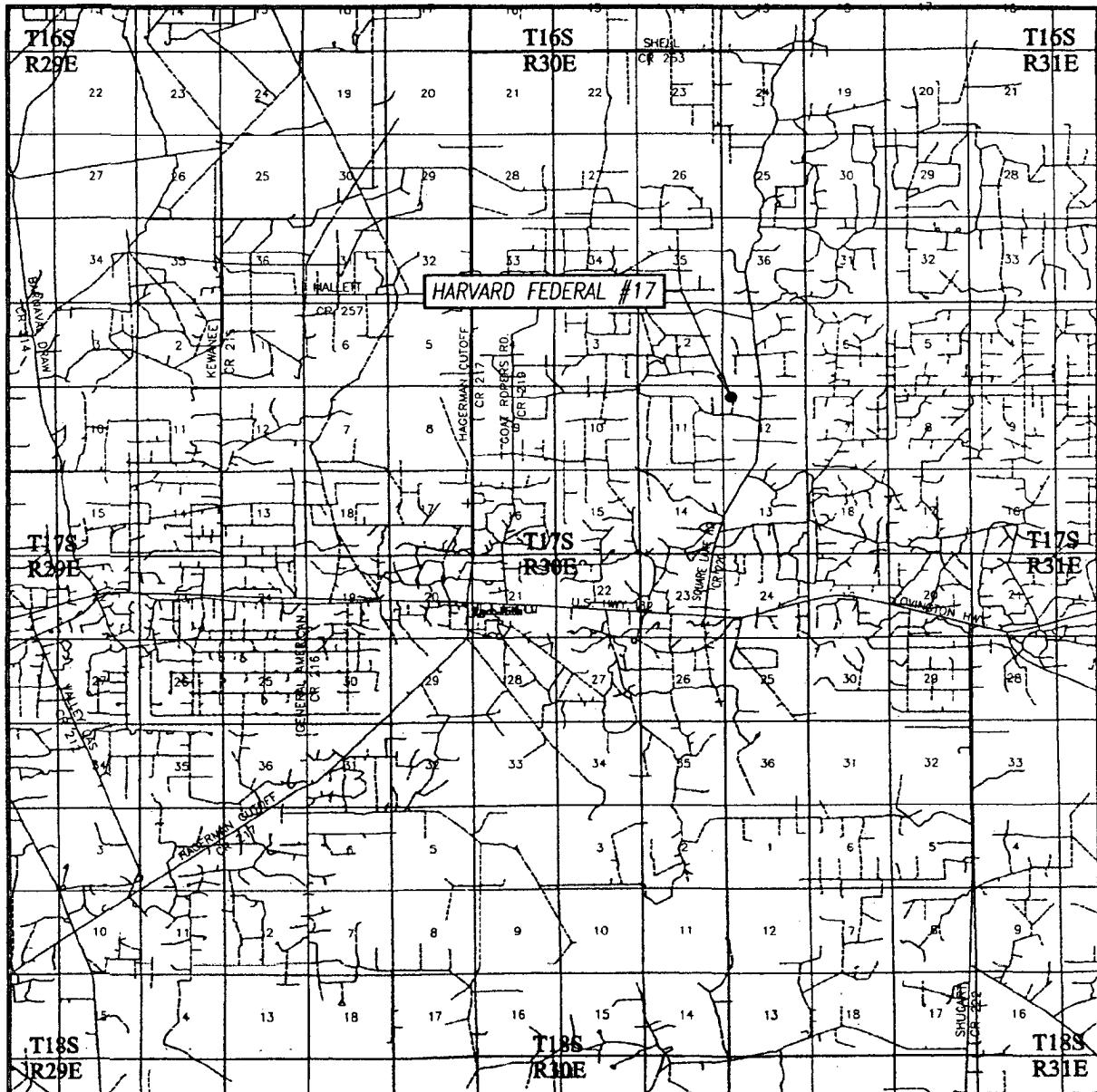
Scale: 1"=100'

COG OPERATING, LLC

HARVARD FEDERAL #17 WELL
LOCATED 710 FEET FROM THE NORTH LINE
AND 550 FEET FROM THE WEST LINE OF SECTION 12,
TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

Survey Date:	5/19/10	Sheet	1	of	1	Sheets
W.O. Number:	10.11.0334	Dr By:	LA	Rev 1:	N/A	
Date:	2/24/10		09111279		Scale: 1"	=100'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 12 TWP. 17-S RGE. 30-E

SURVEY N.M.P.M.

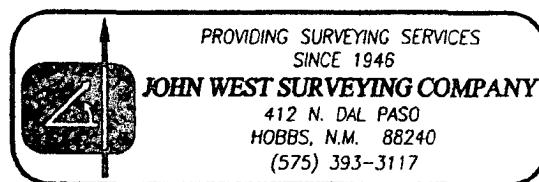
COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 710' FNL & 550' FWL

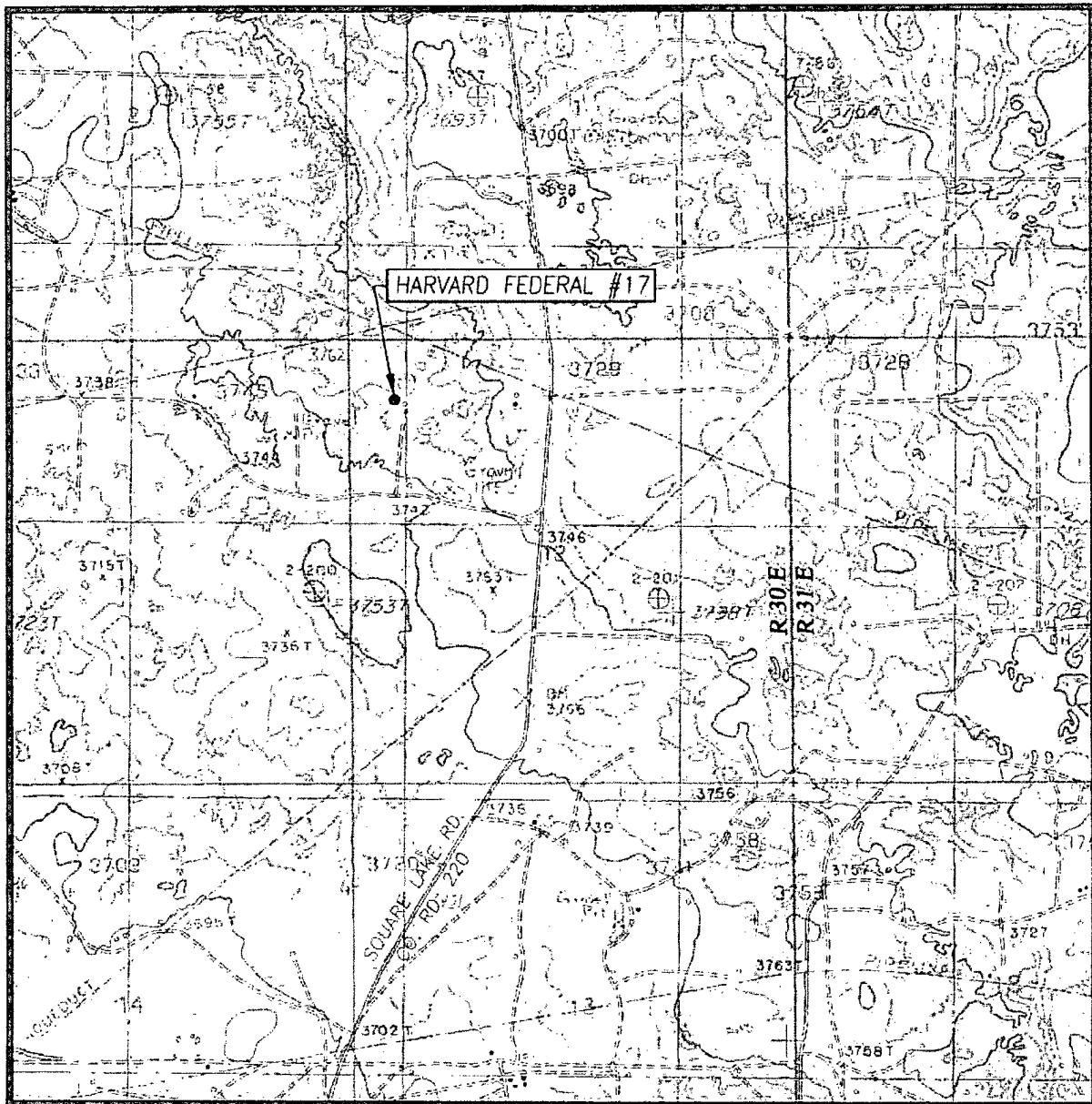
ELEVATION 3763'

OPERATOR COG OPERATING, LLC

LEASE HARVARD FEDERAL



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
LOCO HILLS, N.M. - 10'

SEC. 12 TWP. 17-S. RGE. 30-E

SURVEY N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

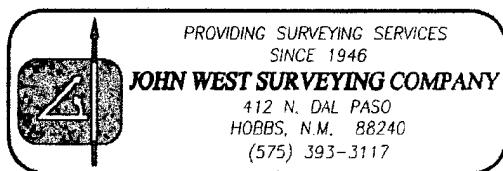
DESCRIPTION 710' FNL & 550' FWL

ELEVATION 3763'

OPERATOR COG OPERATING, LLC

LEASE HARVARD FEDERAL

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



Flow Line Route Map



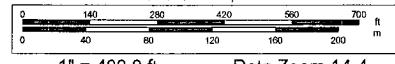
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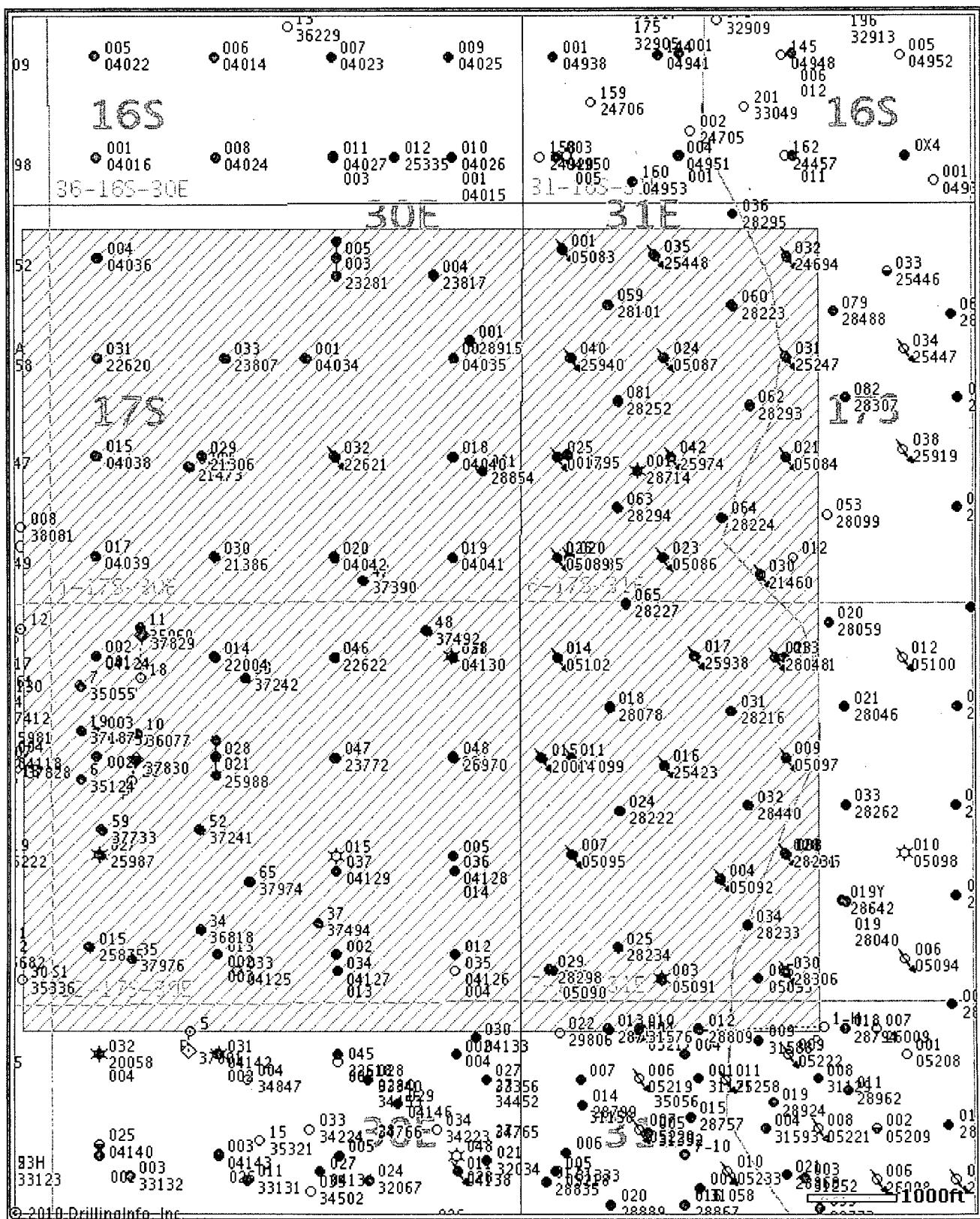
www.delorme.com



Scale 1 : 4,800



1 Mile Radius of Harvard Federal #17



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1 Mile Radius of Harvard Federal #17

AP#	Operator	County	Legal	Lease	Well#	Date Issued	Permitted Depth	Permit TVD	Images	Total Depth	Well Type	Well Status	Target Formation
30-015-37976	BURNETT OIL CO., INC.	EDDY	S:12, T:17S, R:30E	GISSLER "A"	35	7/2/2010	6,100		Yes	link	6,100	PO	Active Permit
30-015-37974	BURNETT OIL CO., INC.	EDDY	S:12, T:17S, R:30E	GISSLER "B"	65	7/1/2010	6,100		Yes	link	6,100	PO	Active Permit
30-015-37829	COG OPERATING LLC	EDDY	S:12, T:17S, R:30E	HARVARD FEDERAL	18	5/10/2010	6,290	6,250	Yes	link	6,290	PO	Active Permit
30-015-37830	COG OPERATING LLC	EDDY	S:12, T:17S, R:30E	HARVARD FEDERAL	20	5/10/2010	6,264	6,250	Yes	link	6,264	PO	Active Permit
30-015-37733	BURNETT OIL CO., INC.	EDDY	S:12, T:17S, R:30E	GISSLER "B"	59	3/25/2010	6,100		Yes	link	6,100	O	Active Permit
30-015-37494	BURNETT OIL CO., INC.	EDDY	S:12, T:17S, R:30E	"A"	37	12/18/2009	6,100		Yes	link	6,100	O	Active Permit
30-015-37492	BURNETT OIL CO., INC.	EDDY	S:12, T:17S, R:30E	"B"	48	11/21/2009	6,000		Yes	link	6,000	PO	Active Permit
30-015-37390	BURNETT OIL CO., INC.	EDDY	S:1, T:17S, R:30E	"B"	47	11/12/2009	6,000		Yes	link	6,000	PO	Active Permit
30-015-37242	BURNETT OIL CO., INC.	EDDY	S:12, T:17S, R:30E	GISSLER "B"	53	8/26/2009	6,000		Yes	link	6,000	O	Active Permit
30-015-37241	BURNETT OIL CO., INC.	EDDY	S:12, T:17S, R:30E	GISSLER B	52	8/25/2009	6,000		Yes	link	6,000	O	Active Permit
30-015-37187	COG OPERATING LLC	EDDY	S:12, T:17S, R:30E	HARVARD FEDERAL	19	7/22/2009	6,100		Yes	link	6,088	O	Active Permit
30-015-36818	BURNETT OIL CO., INC.	EDDY	S:12, T:17S, R:30E	GISSLER A	34	11/26/2008	6,000		Yes	link	6,000	O	Active Permit
30-015-35960	COG OPERATING LLC	EDDY	S:12, T:17S, R:30E	HARVARD FEDERAL	11	12/5/2007	6,050		Yes	link	6,055	O	Active Permit
30-015-36077	COG OPERATING LLC	EDDY	S:12, T:17S, R:30E	HARVARD FEDERAL	10	11/11/2007	6,050		Yes	link	6,050	PO	Active Permit
30-015-35124	COG OPERATING LLC	EDDY	S:12, T:17S, R:30E	HARVARD FEDERAL	006	7/28/2006	6,000		Yes	link	6,160	O	Active Permit
30-015-35055	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:12, T:17S, R:30E	HARVARD FEDERAL	007	7/26/2006	6,000		No	link	6,235	O	Active Permit
30-015-05083	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:6, T:17S, R:31E	J L KEEL B	001	7/11/2002	0		No	link	0	I	Injection Well
30-015-05084	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:6, T:17S, R:31E	J L KEEL B	021	7/11/2002	0		No	link	0	I	Injection Well
30-015-05085	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:6, T:17S, R:31E	J L KEEL B	020	7/11/2002	0		No	link	3,600	I	Injection Well

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30-015-05086	COMPANY, LLC	EDDY	S:6, T:17S, R:31E	JL KEEL B	023	7/1/2002	0	No	link	0	1	Injection Well
30-015-05087	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:6, T:17S, R:31E	JL KEEL B	024	7/1/2002	0	No	link	3,915	1	Injection Well
30-015-05088	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:6, T:17S, R:31E	JL KEEL B	025	7/1/2002	0	No	link	3,558	1	Injection Well
30-015-05089	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:6, T:17S, R:31E	JL KEEL B	026	7/1/2002	0	No	link	3,500	1	Injection Well
30-015-05091	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:7, T:17S, R:31E	JL KEEL A	003	7/1/2002	0	No	link	3,575	6	Active
30-015-05092	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:7, T:17S, R:31E	JL KEEL A	004	7/1/2002	0	No	link	3,465	1	Injection Well
30-015-05095	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:7, T:17S, R:31E	JL KEEL A	007	7/1/2002	0	No	link	3,576	1	Injection Well
30-015-05097	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:7, T:17S, R:31E	JL KEEL A	009	7/1/2002	0	No	link	0	1	Injection Well
30-015-05099	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:7, T:17S, R:31E	JL KEEL A	011	7/1/2002		No	link	3,670	1	Injection Well
30-015-05102	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:7, T:17S, R:31E	JL KEEL A	014	7/1/2002	0	No	link	3,502	1	Injection Well
30-015-20014	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:7, T:17S, R:31E	JL KEEL A	015	7/1/2002		No	link	3,525	1	Injection Well
30-015-21460	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:6, T:17S, R:31E	JL KEEL B	030	7/1/2002		No	link	0	1	Injection Well
30-015-24694	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:6, T:17S, R:31E	JL KEEL B	032	7/1/2002	0	No	link	0	1	Injection Well
30-015-25247	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:6, T:17S, R:31E	JL KEEL B	031	7/1/2002		No	link	3,700	1	Injection Well
30-015-25423	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:7, T:17S, R:31E	JL KEEL A	016	7/1/2002		No	link	3,600	1	Injection Well

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30-015-25448	COMPANY, LLC MERIT ENERGY CO or MERIT ENERGY	EDDY	S:6, T:17S, R:31E	JL KEEL B	035	7/1/2002	0	No	link	3,550	1	Injection Well
30-015-25938	COMPANY, LLC MERIT ENERGY CO or MERIT ENERGY	EDDY	S:7, T:17S, R:31E	JL KEEL A	017	7/1/2002		No	link	3,785	1	Injection Well
30-015-25940	COMPANY, LLC MERIT ENERGY CO or MERIT ENERGY	EDDY	S:6, T:17S, R:31E	JL KEEL B	040	7/1/2002		No	link	3,768	1	Injection Well
30-015-25974	COMPANY, LLC MERIT ENERGY CO or MERIT ENERGY	EDDY	S:6, T:17S, R:31E	JL KEEL B	042	7/1/2002		No	link	3,550	1	Injection Well
30-015-28048	COMPANY, LLC MERIT ENERGY CO or MERIT ENERGY	EDDY	S:7, T:17S, R:31E	JL KEEL A	023	7/1/2002		No	link	4,020	1	Injection Well
30-015-28078	COMPANY, LLC MERIT ENERGY CO or MERIT ENERGY	EDDY	S:7, T:17S, R:31E	JL KEEL A	018	7/1/2002		No	link	3,975	0	Pumping
30-015-28101	COMPANY, LLC MERIT ENERGY CO or MERIT ENERGY	EDDY	S:6, T:17S, R:31E	JL KEEL B	059	7/1/2002		No	link	3,980	0	Pumping
30-015-28216	COMPANY, LLC MERIT ENERGY CO or MERIT ENERGY	EDDY	S:7, T:17S, R:31E	JL KEEL A	031	7/1/2002		No	link	4,005	0	Pumping
30-015-28222	COMPANY, LLC MERIT ENERGY CO or MERIT ENERGY	EDDY	S:7, T:17S, R:31E	JL KEEL A	024	7/1/2002		No	link	3,975	0	Pumping
30-015-28223	COMPANY, LLC MERIT ENERGY CO or MERIT ENERGY	EDDY	S:6, T:17S, R:31E	JL KEEL B	060	7/1/2002		No	link	4,015	0	Pumping
30-015-28224	COMPANY, LLC MERIT ENERGY CO or MERIT ENERGY	EDDY	S:6, T:17S, R:31E	JL KEEL B	064	7/1/2002		No	link	3,965	0	Pumping
30-015-28227	COMPANY, LLC MERIT ENERGY CO or MERIT ENERGY	EDDY	S:6, T:17S, R:31E	JL KEEL B	065	7/1/2002		No	link	3,950	PO	Pumping
30-015-28231	COMPANY, LLC MERIT ENERGY CO or MERIT ENERGY	EDDY	S:7, T:17S, R:31E	JL KEEL A	028	7/1/2002		No	link	3,765	1	Injection Well
30-015-28233	COMPANY, LLC MERIT ENERGY CO or MERIT ENERGY	EDDY	S:7, T:17S, R:31E	JL KEEL A	034	7/1/2002		No	link	3,980	O	Active
30-015-28234	MERIT ENERGY CO or MERIT ENERGY	EDDY	S:7, T:17S, R:31E	JL KEEL A	025	7/1/2002		No	link	3,965	O	Pumping

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30-015-28252	COMPANY, LLC	EDDY	S:6, T:17S, R:31E	JL KEEL B	081	7/1/2002		No	link	4,000	O	Pumping	GRAYBURG-JACKSON
30-015-28293	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:6, T:17S, R:31E	JL KEEL B	062	7/1/2002		No	link	4,030	O	Active	
30-015-28294	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:6, T:17S, R:31E	JL KEEL B	063	7/1/2002		No	link	4,000	O	Pumping	
30-015-28298	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:7, T:17S, R:31E	JL KEEL A	029	7/1/2002		No	link	3,745	O	Pumping	
30-015-28306	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:7, T:17S, R:31E	JL KEEL A	030	7/1/2002		No	link	3,765	I	Injection Well	GRAYBURG-JACKSON
30-015-28440	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:7, T:17S, R:31E	JL KEEL A	032	7/1/2002		No	link	3,985	O	Pumping	GRAYBURG-JACKSON
30-015-28756	MERIT ENERGY CO or MERIT ENERGY COMPANY, LLC	EDDY	S:18, T:17S, R:31E	CA RUSSELL	013	7/1/2002		No	link	3,770	O	Pumping	GRAYBURG-JACKSON
30-015-28809	MARBOB ENERGY CORP	EDDY	S:18, T:17S, R:31E	CA RUSSELL	012	7/1/2002		No	link	3,785	O	Pumping	GRAYBURG-JACKSON
30-015-31576	MARBOB ENERGY CORP	EDDY	S:18, T:17S, R:31E	COFFEE FEDERAL	010	1/23/2001		No	link	5,217	O	Pumping	CEDAR LAKE YESO
30-015-28714	MARBOB ENERGY CORP	EDDY	S:6, T:17S, R:31E	ARCO 6 FEDERAL	001	12/8/1998		No	link	12,250	G	Active	PLUG & ABANDON
30-015-04034	MARBOB ENERGY CORP	EDDY	S:1, T:17S, R:30E	ARTESIA PETROLEUM CO	001	3/11/1997	0	No	link	0	O	Pumping	
30-015-04035	MARBOB ENERGY CORP	EDDY	S:1, T:17S, R:30E	ARTESIA PETROLEUM CO	002	3/11/1997	0	No	link	0	O	Pumping	
30-015-23817	MARBOB ENERGY CORP	EDDY	S:1, T:17S, R:30E	ARTESIA PETROLEUM CO	004	3/11/1997		No	link	3,310	O	Pumping	
30-015-28915	BURNS OPERATING	EDDY	S:1, T:17S, R:30E	MERIDIAN FEDERAL	001	3/25/1996		No	link	0	O	Active	DEVONIAN
30-015-28854	BURNS OPERATING	EDDY	S:1, T:17S, R:30E	BURNETT 1 FEDERAL	001	2/28/1996		No	link	0	O	Active	DEVONIAN
30-015-04036	BURNETT OIL CO INC	EDDY	S:1, T:17S, R:30E	JACKSON B	004	2/1/1996	0	No	link	3,450	O	Flowing	
30-015-04037	BURNETT OIL CO INC	EDDY	S:1, T:17S, R:30E	JACKSON B	005	2/1/1996	0	No	link	3,174	O	Pumping	
30-015-04038	BURNETT OIL CO INC	EDDY	S:1, T:17S, R:30E	JACKSON B	015	2/1/1996	0	No	link	0	P	Flowing	
30-015-04039	BURNETT OIL CO INC	EDDY	S:1, T:17S, R:30E	JACKSON B	017	2/1/1996	0	No	link	0	O	Pumping	
30-015-04040	BURNETT OIL CO INC	EDDY	S:1, T:17S, R:30E	JACKSON B	018	2/1/1996	0	No	link	0	O	Pumping	
30-015-04041	BURNETT OIL CO INC	EDDY	S:1, T:17S, R:30E	JACKSON B	019	2/1/1996	0	No	link	3,197	O	Flowing	

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30-015-04042	CO INC	EDDY	S:1, T:17S, R:30E	JACKSON B	020	2/1/1996	0	No	link	3,500	O	Pumping
30-015-21386	BURNETT OIL CO INC	EDDY	S:1, T:17S, R:30E	JACKSON B	030	2/1/1996	0	No	link	8,775	I	Pumping
30-015-21473	BURNETT OIL CO INC	EDDY	S:1, T:17S, R:30E	JACKSON B	029Y	2/1/1996	0	No	link	0	PO	Pumping
30-015-22620	BURNETT OIL CO INC	EDDY	S:1, T:17S, R:30E	JACKSON B	031	2/1/1996	0	No	link	3,160	O	Active
30-015-22621	BURNETT OIL CO INC	EDDY	S:1, T:17S, R:30E	JACKSON B	032	2/1/1996	0	No	link	3,198	I	Injection Well
30-015-23807	BURNETT OIL CO INC	EDDY	S:1, T:17S, R:30E	JACKSON B	033	2/1/1996	0	No	link	3,177	O	Pumping
30-015-26970	BURNETT OIL CO INC	EDDY	S:12, T:17S, R:30E	GRAYBURG JACKSON S A UNIT	048	12/1/1992		No	link	3,590	PO	Pumping
30-015-04130	BURNETT OIL CO INC	EDDY	S:12, T:17S, R:30E	GRAYBURG JACKSON S A UNIT	038	1/1/1990	0	No	link	3,540	O	Pumping
30-015-25688	BURNETT OIL CO INC	EDDY	S:12, T:17S, R:30E	GISSLER B (A-2)	028	12/1/1988	0	No	link	3,575	O	Pumping
30-015-25987	BURNETT OIL CO INC	EDDY	S:12, T:17S, R:30E	GISSLER B (A-2)	027	11/1/1988	0	No	link	3,525	G	Flowing
30-015-25875	BURNETT OIL CO INC	EDDY	S:12, T:17S, R:30E	GISSLER A	015	3/11/1988	0	No	link	3,537	O	Pumping
30-015-25220	BURNETT OIL CO INC	EDDY	S:12, T:17S, R:30E	GISSLER B	021	8/1/1985		No	link	3,500	PI	Flowing
30-015-23772	BURNETT OIL CO INC	EDDY	S:12, T:17S, R:30E	GRAYBURG JACKSON S A UNIT	047	8/11/1982		No	link	3,567	PO	Pumping
30-015-23281	LUCILLE F MCKINLEY	EDDY	S:1, T:17S, R:30E	ARTESIA PET CO	003	10/11/1980		No	link	0	Active	SHUT IN
30-015-22622	BURNETT OIL CO INC	EDDY	S:12, T:17S, R:30E	GRAYBURG JACKSON S A UNIT	046	10/11/1979	0	No	link	3,557	I	Pumping
30-015-22004	BURNETT OIL CO INC	EDDY	S:12, T:17S, R:30E	GISSLER B	014	3/11/1977		No	link	3,557	O	Pumping
30-015-01795	STEVENS OPERATING CORPORATION or HANAGAN PETROLEUM CCRP	EDDY	S:3, T:18S, R:28E	PRE-ONGARD WELL	057	1/1/1970		No	link	1,980	O	Active
30-015-21306	STEVENS OPERATING CORPORATION or PRE-ONGARD WELL OPERATOR	EDDY	S:1, T:17S, R:30E	JACKSON B (PRE-ONGARD)	029	1/1/1970		No	link			WINDFOHR OIL CO / JACKSON B DEPCO / ARTESIA UT

