ATS-07-35

SECRETARY'S POTASH OCD-HOBBS FORM APPROVED Form 3160-3 OMB No. 1004-0137 Expires March 31, 2007 (February 2005) UNITED STATES Lease Stial No. NM \$85937 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT If Indian, Allotee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7 If Unit or CA Agreement, Name and No. REENTER **V** DRILL la. Type of work: 8. Lease Name and Well No. ✓ Single Zone Prohibition "12" Federal #14 lb. Type of Well: ✓ Oil Well Gas Well Multiple Zone 9. API Well No. Name of Operator C.O.G. Operating, LLC 3D-D25 3a. Address 10. Field and Pool, or Explorator 550 W. Texas Midland, TX 79701 (432) 683-7443 Red Tank; Bone Spring 11. Sec., T. R. M. or Blk. and Survey or Area Location of Well (Report location clearly and in accordance with any State requirements.* 1980 FSL & 2100 FEL At proposed prod. zone 1980 FSL & 2100 FEL CARLSBAD CONTROLLED WATER BASIN Sec 12, T22S, R32E 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office* NM Approximately 28 miles West by Southwest from Eunice, NM Lea 17. Spacing Unit dedicated to this well 15 Distance from proposed 16. No. of acres in lease location to neares property or lease line, ft.
(Also to nearest drig. unit line, if any)

1980 800 20. BLM/BIA Bond No. on file 19. Proposed Depth Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. NMNM#000215 9000 1320 Elevations (Show whether DF, KDB, RT, GL, etc.) 22 Approximate date work will start* 23. Estimated duration 3628' GL 01/01/2007 30 days 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form: Bond to cover the operations unless covered by an 1. Well plat certified by a registered surveyor. **Ma**ting Item 20 above). 2. A Drilling Plan. Operator certification 3. A Surface Use Plan (if the location is on National Forest System Lands, the Froguired by the Such other site specific information and/or plans as may SUPO must be filed with the appropriate Forest Service Office). BLM. Date Name (Printed/Typed) 25. Signature 10/02/2006 Denise Menoud - (432) 685-9158 Title Regulatory Specialist, Agent for C.O.G. Operating, LLC DEC 1 9 2006 /s/ Linda S.C. Rundell Name (Printed Typed) /s/ Linda S.C. Rundell Approved by (Signature) NM STATE OFFICE Office Title STATE DIRECTOR Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to APPROVAL FOR 1 YEAR conduct operations thereon. Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. (Instructions on page 2) lee choo on Cementing - Chin Welliam

SEE ATTACHED FOR CONDITIONS OF APPROVAL

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

STATEMENT ACCEPTING RESPONSIBILITY FOR OPERATIONS

C.O.G. Operating, LLC 550 W. Texas Avenue Midland, TX 79701

The undersigned accepts all applicable terms, conditions, stipulations and restrictions covering operations conducted on the leased land or portion thereof, as described below:

Lease No:

NMNM #085937

Well Name:

Prohibition "12" Federal #14

Legal Description of Land:

Section 12, T22S, R32E

1980 FSL & 2100 FEL

Lea County, NM

Formation(s) (if applicable):

Red Tank; Bone Spring

Bond Coverage:

\$25,000 statewide bond of C.O.G. Operating, LLC

BLM Bond File No:

NMB 000215

/0/11/04 Date

John Coffman

C.O.G. Operating, LLC

COG Operating LLC Prohibition "12" Federal #14

1. Proposed drilling depth: TD:9000'

2. Estimated tops of geological markers:

Rustler Anhydrite	930'
Salt	1220'
Delaware	4850'
Bone Spring	8700'

3. Hole Size & Casing Program

Hole size	Interval	OD of Casing	Weight	Thread	Collar	<u>Grade</u>
17-1/2"	0' +/-950'	13-3/8"	48#	8rd	STC	H40
11"	+/-950' - +/-4700'	8-5/8"	32#	8rd	STC	HCK/J-55
7-7/8"	+/-4700' 9000'	5-1/2"	17#	8rd	LTC	N-80

4. Proposed Mud Circulating System

Interval	Mud Wt.	Visc.	<u>FL</u>	Type Mud System
0'- 950'	8.4-9.2	28-35	NC	Fresh water native mud w/ paper for seepage and sweeps. Lime for PH
950'- 4700'	10.0- 10.2	28-35	NC	Brine mud, lime for PH and paper for seepage and sweeps.
4700' — 8400'	8.4 – 8.5	NC	NC	Drill section with fresh water circulating the reserve utilizing periodic sweeps of paper as needed for seepage control and solids removal.
8400' – 9000 [;]	8.4-8.5	32-34	25cc	Increase vis w/ salt gel and drop fluid loss with starch. Paper for sweeps. Circulate steel pits

5. Pressure Control Equipment::

After setting 13 3/8" casing and installing 3000# casing spool, NU annular BOP. Test annular BOP, manifold and casing to 1250 psig w/ rig pump

After setting 8 5/8" casing and installing 3000# casing spool, NU 3000# double ram BOP and 3000# annular BOP. Test double ram BOP and manifold to 3000# and annular to 1500# using an independent tester.

6. Cementing '

13 3/8"	surface	+/- 950'	Set +/- 950' of 13 3/8" 48# STC casing. Cement w/ 700 sx 35:65 Poz:C + additives followed by 200 sx + 2% CaCl2
8 5/8"	Intermediate	+/- 4700'	Set +/- 4700' of 8 5/8" 32# J-55/HCK-55 STC casing. Cement w/ 1000 sx Class "C" light cement + additives followed by 200 sx class "C" + 1% CaCl2
5 ½"	Production	+/- 9000'	750- Set +/- 9000' of 5 ½" 17# N-80/J-55 casing. Cement wL500 sx Class "H" + additives. Est TOC @ +/- 6000' 4/9 5 /

SURFACE USE AND OPERATIONS PLAN FOR DRILLING, COMPLETION, AND PRODUCING

C.O.G. Operating, LLC Prohibition "12" Federal #14 Section 12, T-22-S, R-32-E Lea County, New Mexico

LOCATED

Approximately 28 miles West by Southwest of Eunice, New Mexico

OIL & GAS LEASE NMNM #085937

OIL & GAS LESSEE C.O.G. Operating, LLC

BOND COVERAGE \$25,000 statewide bond of C.O.G. Operating, LLC

ACRES

800

SURFACE OWNER
Bureau of Land Management

MINERAL OWNER
Bureau of Land Management

POOL

Red Tank; Bone Spring

EXHIBITS

 DIID	
A.	Well Location & Acreage Dedication Map
B.	Area Road Map
C.	Vicinity Oil & Gas Map
D & D-1.	Topographic & Location Verification Maps
E.	Drilling Rig Layout
F.	BOPE Schematic
F-1.	Choke Manifold Schematic
G & G-1.	Proposed Onlease Road Maps
H & H-1.	Proposed Onlease Pipeline Maps
I & I-1.	Proposed Onlease Electric Line Maps

This well will be drilled to a depth of approximately 9000'

1. EXISTING ROADS

- A. Exhibit B is a portion of a section map showing the location of the proposed well as staked.
- B. Exhibit C is a plat showing existing roads in the vicinity of the proposed well site.
- C. Directions to well location:

From the junction of State Hwy 176 and Co. Rd. 30, proceed on Co. Rd. 30 Southwest approximately 0.2 miles to Delaware Basin Road. On Delaware Basin Road proceed Southwest approximately 14.2 miles to lease road. On lease road, proceed 1.5 miles to lease road, follow lease road to the Prohibition "12" Federal #10 and proposed lease road to Prohibition "12" Federal #14.

2. ACCESS ROADS

A. Length and Width: 890' long and 30' wide

The access road will be built and is shown on Exhibit B.

B. Surface Material

Existing

C. Maximum Grad

Less than five percent

D. Turnouts

None necessary

E. Drainage Design

Existing

F. Culverts

None necessary

G. Gates and Cattle Guards None needed

3. LOCATION OF EXISITING WELLS

Existing wells in the immediate area are shown in Exhibit D-1.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Necessary production facilities for this well will be located on the well pad.

5. LOCATION AND TYPE OF WATER SUPPLY

It is not contemplated that a water well will be drilled. Water necessary for drilling will be purchased and hauled to the site over existing roads shown on Exhibit B, C, and D.

6. METHODS OF HANDLING WASTE DISPOSAL

- A. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.
- B. Water produced during tests will be disposed of in the drilling pits.
- C. Oil produced during tests will be stored in test tanks.
- D. Trash will be contained in a trash trailer and removed from well site.
- E. All trash and debris will be removed from the well site within 30 days after finishing drilling and/or completion operations.

7. ANCILLARY FACILITIES

None required.

8. WELL SITE LAYOUT

Exhibit E shows the relative location and dimensions of the well pad, mud pits, reserve pit, and trash pit, and the location of major rig components.

9. PLANS FOR RESTORATION OF THE SURFACE

- A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. The well site will be cleaned of all trash and junk to leave the site in an as aesthetically pleasing condition as possible.
- B. After abandonment, all equipment, trash, and junk will be removed and the site will be clean.

10. OTHER INFORMATION

A. Topography

The land surface at the well site is rolling native grass with a regional slope being to the east.

B. Soil

Topsoil at the well site is sandy soil.

C. Flora and Fauna

The location is in an area sparsely covered with mesquite and range grasses.

D. Ponds and Streams

There are no rivers, lakes, ponds, or streams in the area.

E. Residences and Other Structures

There are no residences within a mile of the proposed well site.

F. Archaeological, Historical, and Cultural sites

None observed on this area.

G. Land Use

Grazing

11. ONLEASE RIGHT OF WAY EXHIBITS

Requesting Right of Way for all onlease appurtenances, including proposed lease road, pipeline, and electrical lines.

- A. Roads: Building of a proposed lease road 889.6' in length (See Exhibit G).
- B. Pipeline: Building of a proposed pipeline 889.6' in length (See Exhibit H).
- C. Electric: Building of a proposed electric line 1742.7' in length (See Exhibit I).

12. OPERATOR'S REPRESENTATIVE

John Coffman C.O.G. Operating LLC 550 West Texas Avenue Midland, Texas 79701 Office: (432) 683-7443

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be preformed by the C.O.G. Operating, LLC Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

10/11/06

John Coffman

C.O.G. Operating, LLC

DISTRICT I 1625 N. French Dr., Hobbs, wm oozen DISTRICT II 1301 W. Grand Avenue, Artesia, NM 88210

State of New Mexico Energy, Minerals and Natural Resources Department

Form U-1U2 Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

DISTRICT IV

1226 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name	
30-025-38238	51683	Red Tank; Bone Spring	
Property Code	Prop	erty Name	Well Number
34806	PROHIBITION	"12" FEDERAL	14
OGRID No.	Oper	ator Name	Elevation
229137	C.O.G. OPE	RATING L.L.C.	3628'

Surface Location

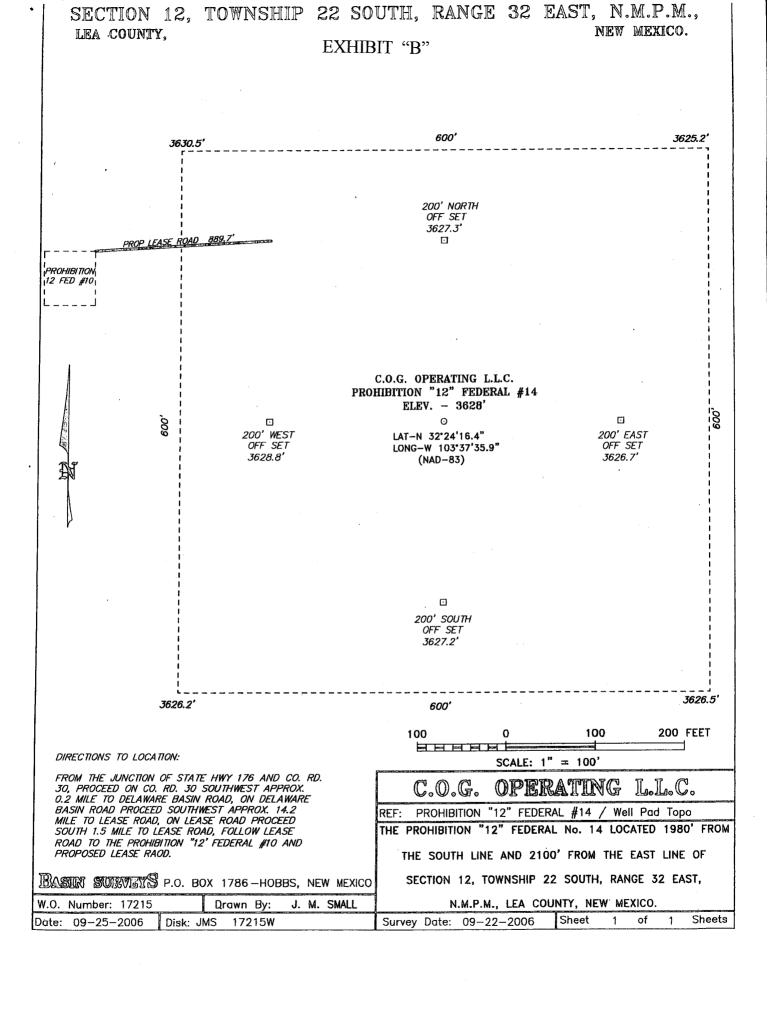
[UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	J	12	22 S	32 E		1980	SOUTH	2100	EAST	ĻEA

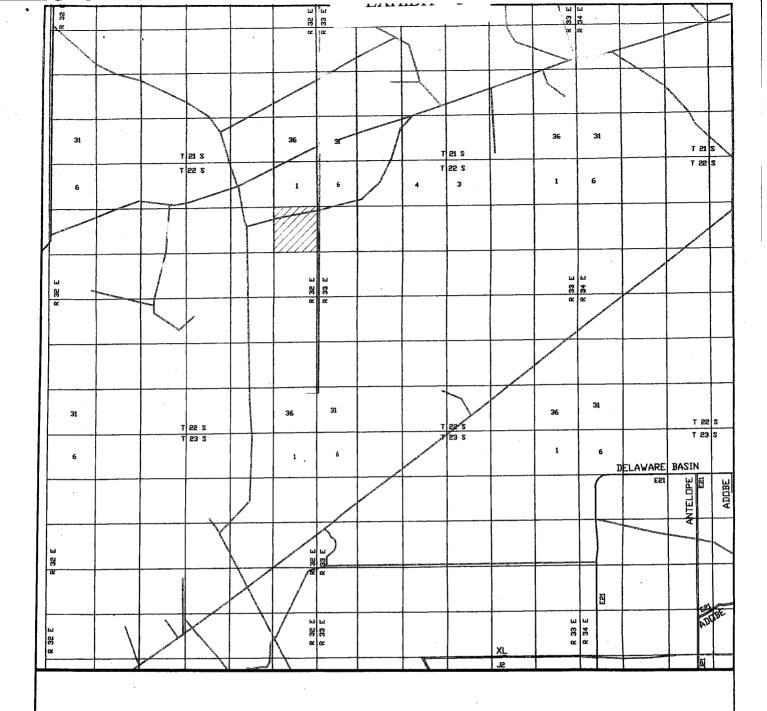
Bottom Hole Location If Different From Surface

			20000						
UL or lot No.	Section	Township	p Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infili	Consolidation (Code Or	der No.				

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

OR A NON-S	TANDARD UNIT HAS BEEN APPROVED BY TH	HE DIVISION
OR A NON-S	LAT-N32°24'16.4" LONG-W103°35'35.9" (NAD-83) 40 ACRES 3630.5' 3625.2' 3626.2' 3626.5'	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and bettef, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
		Basin surveyS



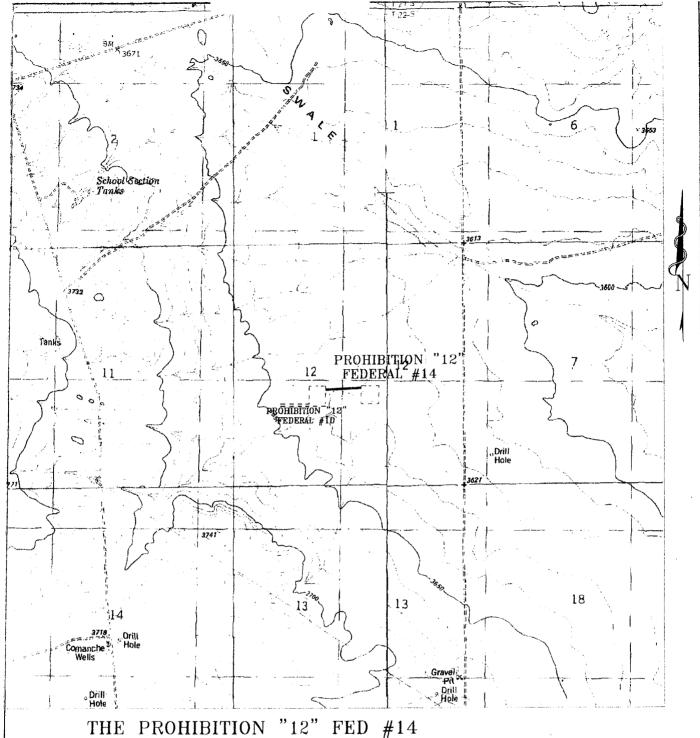


THE PROHIBITION "12" FED #14 Located at 1980' FSL and 2100' FEL Section 12, Township 22 South, Range 32 East, N.M.P.M., LEA County, New Mexico.



P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (505) 393-7316 - Office (505) 392-3074 - Fax basinsurveys.com

W.O. Number:	JMS	17215T	
Survey Date:	09-2	2-2006	
Scale: 1" = :	2 MILES		
Date: 09-25	-2006		



THE PROHIBITION "12" FED #14
Located at 1980' FSL and 2100' FEL
Section 12, Township 22 South, Range 32 East,
N.M.P.M., LEA County, New Mexico.

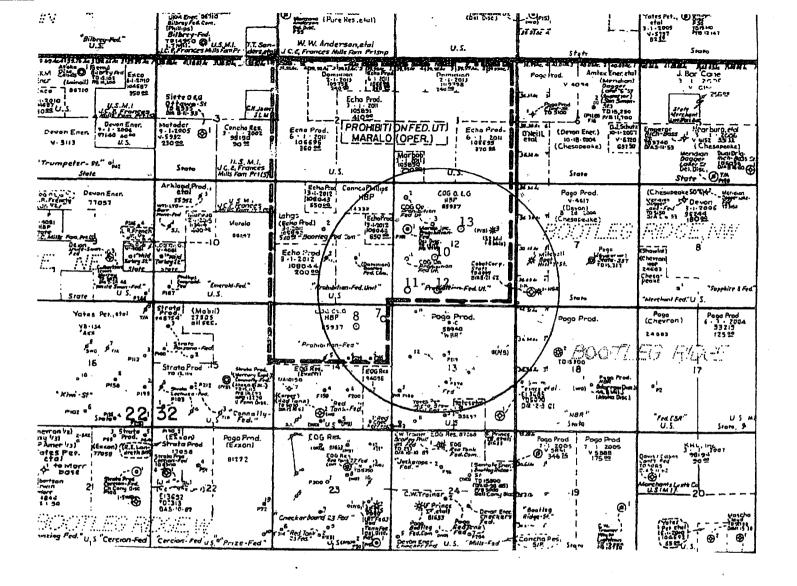
focused on excellence

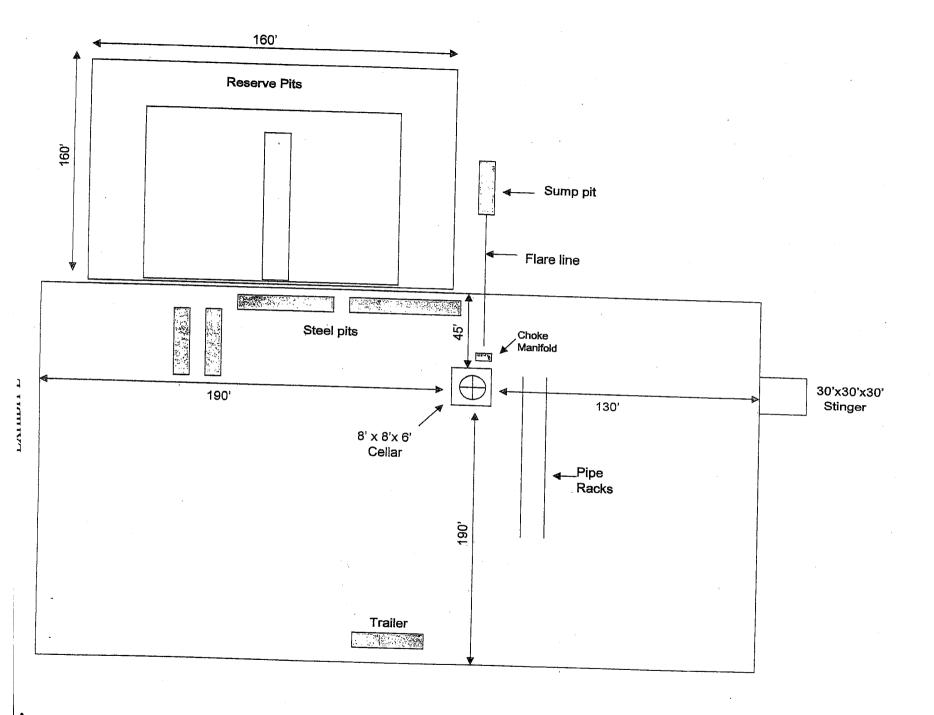
P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (505) 393-7316 - Office (505) 392-3074 - Fax basinsurveys.com W.O. Number: JMS 17215T

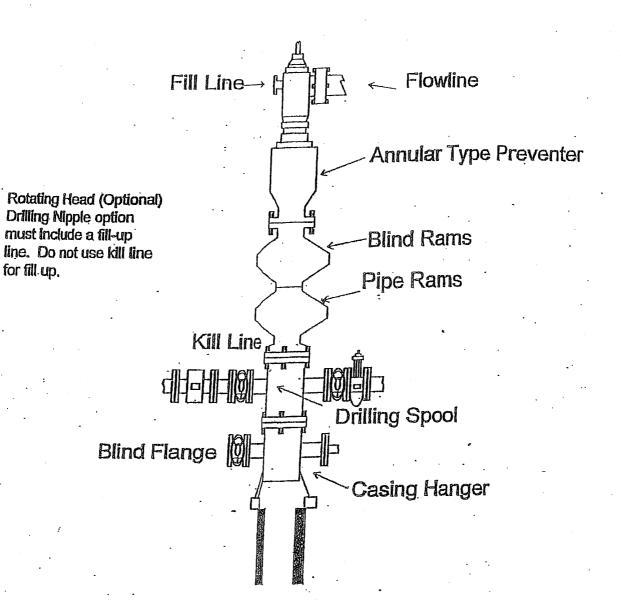
Survey Date: 09-22-2006

Scale: 1" = 2000'

Date: 09-25-2006



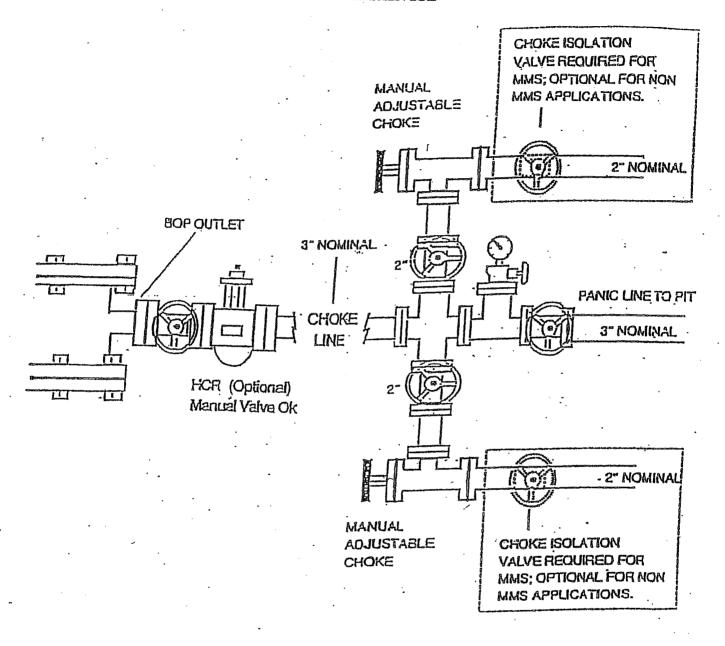




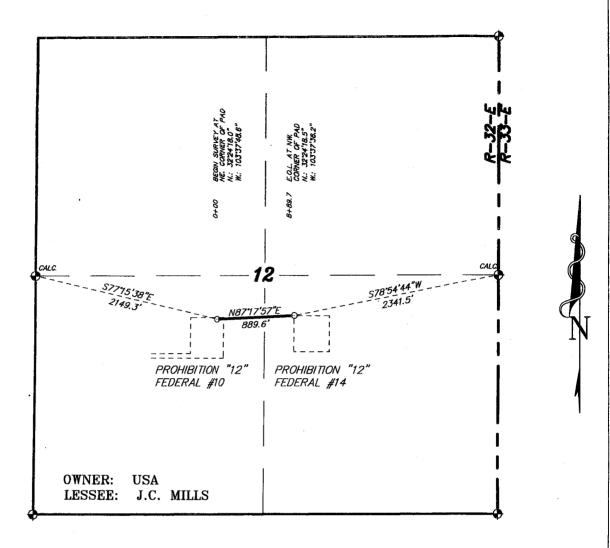
900 SERIES

CHOKE MANIFOLD

3M SERVICE



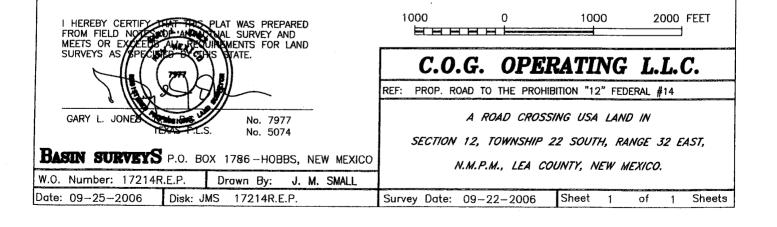
SECTION 12, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, EXHIBIT "G" NEW MEXICO.

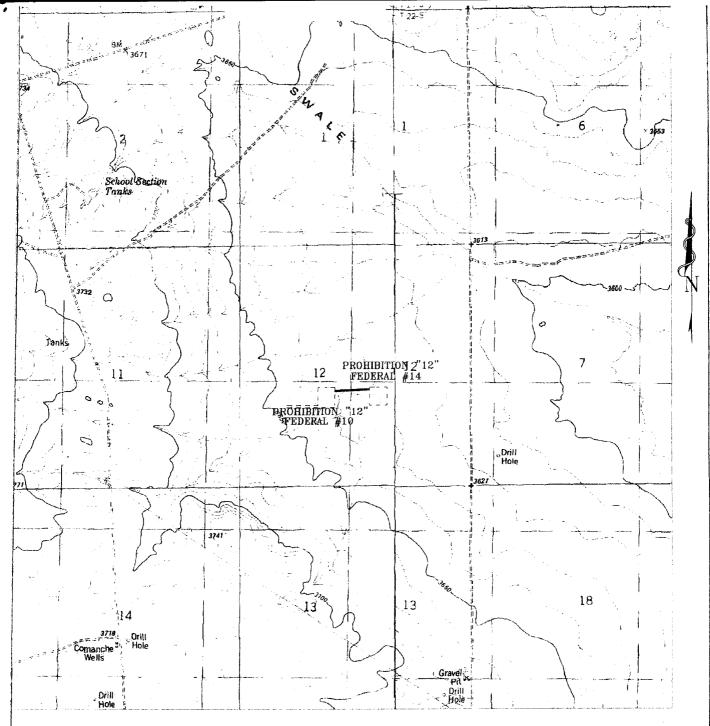


LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 12, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

SECTION 12 = 889.7 FEET = 0.17 MILES = 59.92 RODS = 0.61 ACRES





PROPOSED LEASE ROAD TO THE PROHIBITION "12" FED #14 Section 12, Township 22 South, Range 32 East, N.M.P.M., LEA County, New Mexico.

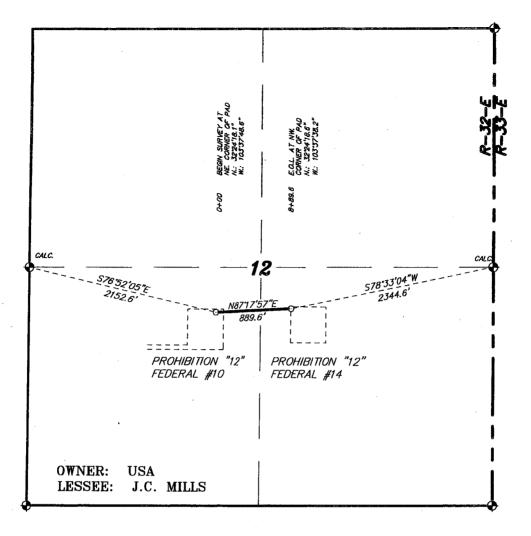
SULTIVITY
focused on excellence in the oilfield

P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (505) 393-7316 - Office (505) 392-3074 - Fax basinsurveys.com

1	W.O. Number: 17214TT
Actor and Assessment	Survey Date: 09—22—2006
THE REAL PROPERTY.	Scale: 1" = 2000'
	Date: 09 - 25 - 2006

SECTION 12, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

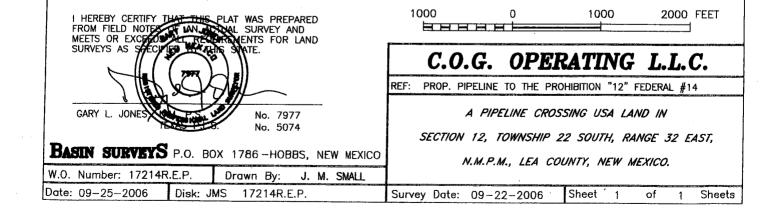
EXHIBIT H

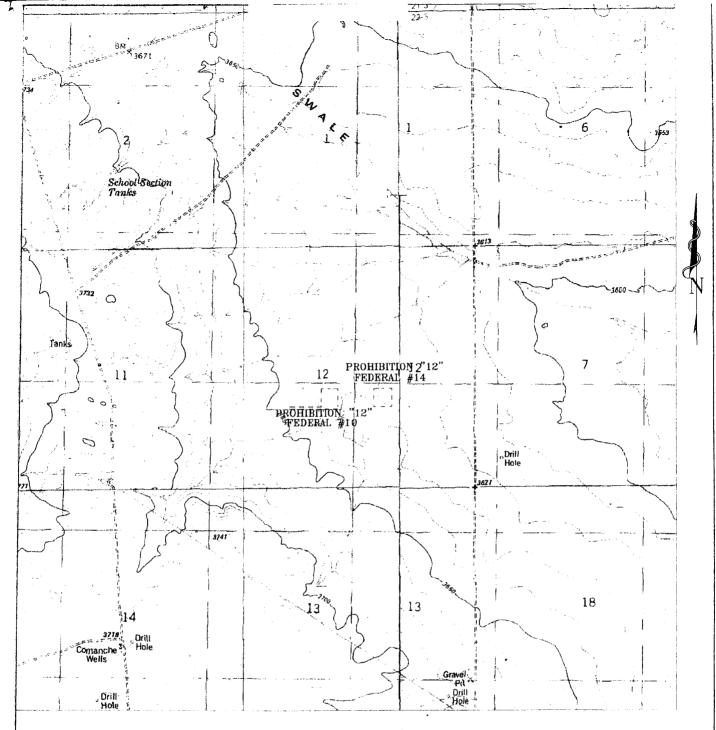


LEGAL DESCRIPTION

A STRIP OF LAND 50.0 FEET WIDE, LOCATED IN SECTION 12, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 25.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

SECTION 12 = 889.6 FEET = 0.17 MILES = 53.92 RODS = 0.61 ACRES





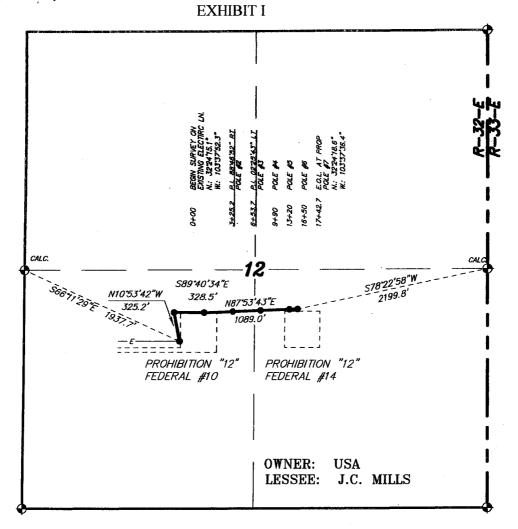
PROPOSED PIPELINE TO THE PROHIBITION "12" FED #14 Section 12, Township 22 South, Range 32 East, N.M.P.M., LEA County, New Mexico.

		1
	SILL VINS	(
-	focused on excellence in the cilfield	t t

P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (505) 393-7316 — Office (505) 392-3074 — Fax basinsurveys.com

Section 2	W.O. Number:	17214TT	
	Survey Date:	09-22-2006	
	Scale: 1" = 2006'		
4	Deta: 09-25-	- 2006	

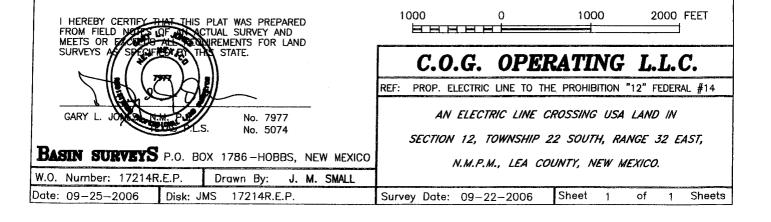
SECTION 12, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

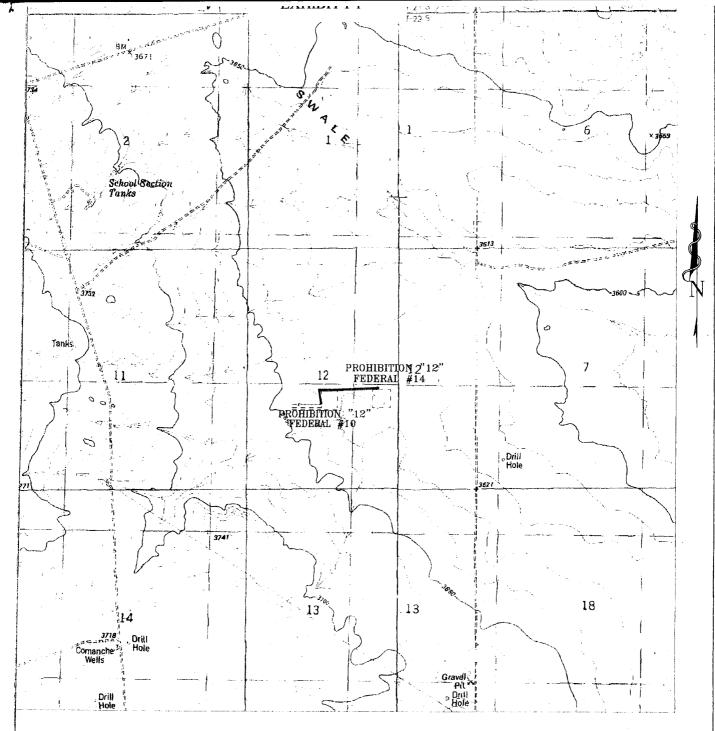


LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 12, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

SECTION 12 = 1742.7 FEET = 0.33 MILES = 105.62 RODS = 1.20 ACRES





PROPOSED ELECTRIC LINE TO THE PROHIBITION "12" FED #14 Section 12, Township 22 South, Range 32 East, N.M.P.M., LEA County, New Mexico.



P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (505) 393—7316 — Office (505) 392—3074 — Fax basinsurveys.com

W.O. Number: 172+4TT

Survey Date: 09-22-2006

Scale: 1" = 2000

Date: 09-25-2006

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

- 1. All Company and Contract personnel admitted on location must be trained by a qualified H2S safety instructor to the following:
 - A. Characteristics of H2S.
 - B. Physical effects and hazards.
 - C. Proper use of safety equipment and life support systems.
 - D. Principle and operation of H2S detectors, warning system and briefing areas.
 - E. Evacuation procedure, routes and first aid.
 - F. Proper use of 30 minute pressure demand air pack.

2. H2S Detection and Alarm Systems

A. H2S detectors and audio alarm system to be located at bell nipple, end of blooie line (mud pit) and on derrick floor or doghouse.

3. Windsock and / or wind streamers

- A. Windsock at mudpit area should be high enough to be visible.
- B. Windsock at briefing area should be high enough to be visible.
- C. There should be a windsock at entrance to location.

4. Condition Flags and Signs

- A. Warning sign on access road to location.
- B. Flags to be displayed on sign at entrance to location. Green flag, normal safe condition. Yellow flag indicates potential pressure and danger. Red flag, danger, H2S present in dangerous concentration. Only emergency personnel admitted to location.

5. Well control equipment

A. See Exhibits "F" and "F-1".

6. Communication

- A. While working under masks chalkboards will be used for communication.
- B. Hand signals will be used where chalk board is inappropriate.
- C. Two way radio will be used to communicate off location in case emergency help is required. In most cases cellular telephones will be available at most drilling foreman's trailer or living quarters.

7. Drillstem Testing

- A. Exhausts will be watered.
- B. Flare line will be equipped with an electric ignitor or a propane pilot light in case gas reaches the surface.
- C. If location is near any dwelling a closed D.S.T. will be performed.
- 8. Drilling contractor supervisor will be required to be familiar with the effects H2S has on tubular goods and other mechanical equipment.
- 9. If H2S is encountered, mud system will be altered if necessary to maintain control of formation. A mud gas separator will be brought into service along with H2S scavengers if necessary.

CONDITIONS OF APPROVAL - DRILLING

Well Name & No.

Prohibition 12 Federal # 14

Operator's Name:

COG Operating LLC

Location:

1980 FSL, 2100 FEL, SEC 12, T22S, R32E, Lea County, NM

Lease:

NM-85937

I. DRILLING OPERATIONS REQUIREMENTS:

- 1. The Bureau of Land Management (BLM) is to be notified at the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (505) 361-2822 for wells in Eddy County; and the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240, (505) 393-3612 for wells in Lea County, in sufficient time for a representative to witness:
- A. Spudding
- B. Cementing casing: 13 3/8 inch 8 5/8 inch 5 1/2 inch
- C. BOP tests
- 2. A Hydrogen Sulfide (H2S) Drilling Plan should be activated prior to drilling into the <u>N/A</u> Formation. A copy of the plan shall be posted at the drilling site.
- 3 Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
- 4. Submit a Sundry Notice (Form 3160-5, one original and five copies) for each casing string, describing the casing and cementing operations. Include pertinent information such as; spud date, hole size, casing (size, weight, grade and thread type), cement (type, quantity and top), water zones and problems or hazards encountered. The Sundry shall be submitted within 15 days of completion of each casing string. The reports may be combined into the same Sundry if they fall within the same 15 day time frame.
- 5. The API No. assigned to the well by NMOCD shall be included on the subsequent report of setting the first casing string.
- 6. A Communitization Agreement covering the acreage dedicated to this well must be filed for approval with the BLM. The effective date of the agreement shall be prior to any sales.
- 7. Gamma-Ray/Neutron logs shall be run from the base of the Salado Formation to the surface; cable speed not to exceed 30 feet per minute.

II. CASING:

- 1. The 13 3/8 inch surface casing shall be set ABOVE THE SALT, AT LEAST 25 feet INTO THE RUSTLER ANHYDRITE @ APPROXIMATELY 950 FEET, below usable water and cement circulated to the surface. If cement does not circulate to the surface the appropriate BLM office shall be notified and a temperature survey or cement bond log shall be run to verify the top of the cement. Remedial cementing shall be completed prior to drilling out that string.
- 2. The minimum required fill of cement behind the <u>8 5/8</u> inch intermediate casing is cement shall circulate to the surface.
- 4. The minimum required fill of cement behind the 5-1/2 inch production casing is cement shall be raised to at least 200 feet above the base of the shoe of the 8 5/8 intermediate casing.
- 5. Whenever a casing string is cemented in the R-111-P Potash Area, cement shall be allowed to stand a minimum of twelve (12) hours under pressure and a total of twenty-four (24) hours before drilling the plug or initiating tests.

III. PRESSURE CONTROL:

- 1. All BOP systems and related equipment shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2. The BOP and related equipment shall be installed and operational before drilling below the 13 3/8 inch casing shoe and shall be tested as described in Onshore Order No. 2. Any equipment failing to test satisfactorily shall be repaired or replaced.
- 2. Minimum working pressure of the blowout preventer and related equipment (BOPE) is 3000 psi.
- 3. The appropriate BLM office shall be notified in sufficient time for a representative to witness the tests.
- A variance to test the <u>13 3/8 inch casing</u>, <u>BOP and BOPE</u> to the reduced pressure of <u>700</u> psi with the rig pumps is approved.

- The tests shall be done by an independent service company.

- The results of the test shall be reported to the appropriate BLM office.

- Testing fluid must be water or an appropriate clear liquid suitable for sub-freezing temperatures. Use of drilling mud for testing is not permitted since it can mask small leaks.

- Testing must be done in a safe workman-like manner. Hard line connections shall be required.

Engineers can be reached at 505-706-2779 for any variances that might be necessary.

F Wright 10/25/06

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenuc, Artesia, NM 88210 District III
1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural Resources**

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe

Form C-144 June 1, 2004

Pit or Below-Grade Tank Registration or Closure Is pit or below-grade tank covered by a "general plan"? Yes \(\subseteq \) No X Type of action: Registration of a pit or below-grade tank \(X \) Closure of a pit or below-grade tank \(\subseteq \)

Facility or well name: Prohibition 12 Federal #14 API #:	25-38238 U/L or Qtr/Qtr: J Sec 12 Longitude W103 deg, 35', 35.9" NAD: 1927	T 22S R 32E ☐ 1983 X
Pit Type: Drilling X Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined X Unlined ☐ Liner type: Synthetic X Thicknessmil Clay ☐ Pit Volume 20M bbl	Below-grade tank Volume:bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes	explain why not.
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) 89'	Less than 50 feet 50 feet or more, but less than 100 feet 10 feet or more	(20 points) (10 points) (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No 0	(20 points) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more 0	(20 points) (10 points) (0 points)
If this is a pit closure: (1) Attach a diagram of the facility showing the pit your are burying in place) onsite offsite If offsite, name of facility_remediation start date and end date. (4) Groundwater encountered: No	Yes I If yes, show depth below ground surface	escription of remedial action taken including
(5) Attach soil sample results and a diagram of sample locations and excava	uons.	
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-	t of my knowledge and belief. I further certify that tes X, a general permit , or an (attached) alternated OG Operating Signature	of the pit or tank contaminate ground water or