District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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
Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144 CLEZ
July 21, 2008

For closed-loop systems *that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure*, submit to the appropriate NMOCD District Office.

Closed-Loop System Permit or Closure Plan Application

(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

Type of action: ☒ Permit ☐ Closure

Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: **COG OPERATING LLC** OGRID #: **229137**
Address: **550 WEST TEXAS, SUITE 100 MIDLAND, TX 79701**
Facility or well name: **HATFIELD STATE #6H**
API Number: **30-015-** 40430 OCD Permit Number: 213138
U/L or Qtr/Qtr **UL J** Section **8** Township **17S** Range **29E** County: **EDDY**
Center of Proposed Design: Latitude **N/A** Longitude **N/A** NAD: ☐1927 ☐ 1983
Surface Owner: ☐ Federal ☒ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☒ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC
Operation: ☒ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) ☐ P&A
☐ Above Ground Steel Tanks or ☒ Haul-off Bins

3.
Signs: Subsection C of 19.15.17.11 NMAC
☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
☒ Signed in compliance with 19.15.3.103 NMAC

RECEIVED
JUN 29 2012
NMOCD ARTESIA

4.
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
☒ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☒ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☒ Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17 13 NMAC
☐ Previously Approved Design (attach copy of design) API Number: _____
☐ Previously Approved Operating and Maintenance Plan API Number: _____

5.
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC)
Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.
Disposal Facility Name: **CRI** Disposal Facility Permit Number: **R1966**
Disposal Facility Name: **GM INC** Disposal Facility Permit Number: **711-019-001**
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and operations?
☐ Yes (If yes, please provide the information below) ☒ No

Required for impacted areas which will not be used for future service and operations:
☐ Soil Backfill and Cover Design Specifications - - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

6.
Operator Application Certification:
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.
Name (Print): **Kacie Connally** Title: **Permitting Tech**
Signature: Kacie Connally Date: **3-21-2012**
e-mail address: **kconnally@concho.com** Telephone: **432-221-0336**

7.
OCD Approval: ☒ Permit Application (including closure plan) ☐ Closure Plan (only)

OCD Representative Signature: A Dade **Approval Date:** 2/3/12

Title: Dist II Supervisor **OCD Permit Number:** 213138

8.
Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☐ **Closure Completion Date:** _____

9.
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:

Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No

Required for impacted areas which will not be used for future service and operations.

☐ Site Reclamation (Photo Documentation)
☐ Soil Backfilling and Cover Installation
☐ Re-vegetation Application Rates and Seeding Technique

10.
Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

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.

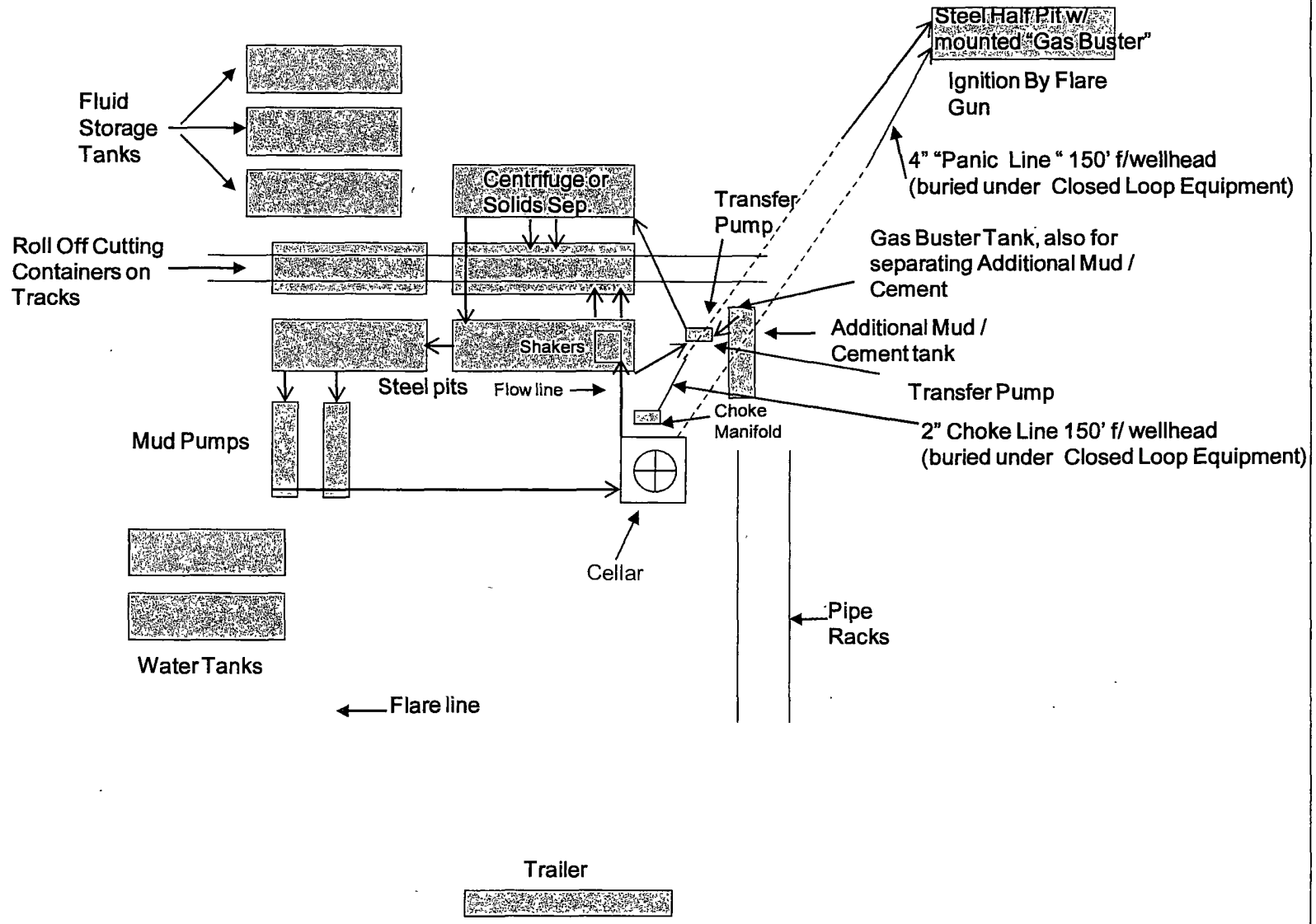
Cuttings will be hauled to either:

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



DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S First St., Artesia, NM 88210
Phone (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170
DISTRICT IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-	96610	Emoire; Glorieta-Yeso East

Property Code	Property Name	Well Number
37902	HATFIELD STATE	6H

OGRID No.	Operator Name	Elevation
229137	COG OPERATING, LLC	3618'

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	8	17-S	29-E		2310	SOUTH	2560	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	8	17-S	29-E		2310	SOUTH	330	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No
80			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

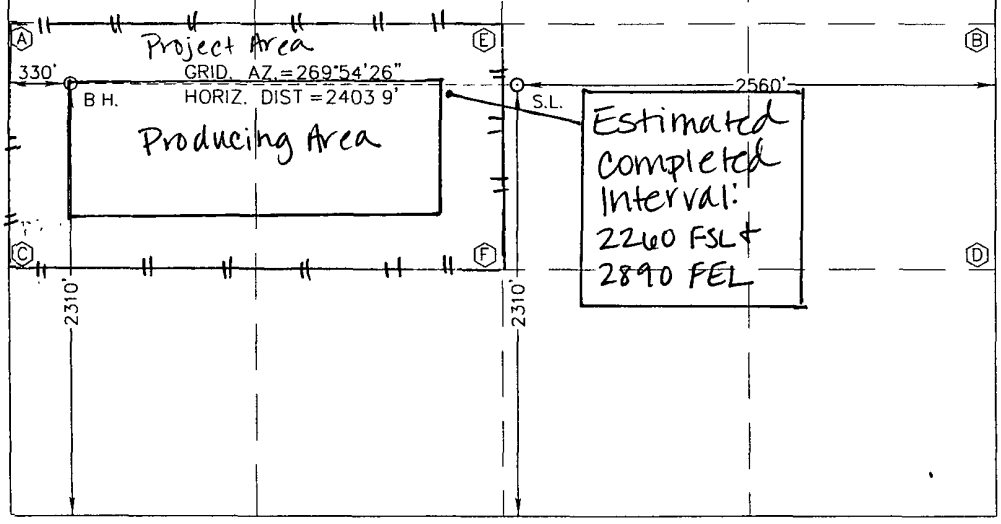
CORNER COORDINATES TABLE

(A) - Y=672643.0 N, X=570092.3 E
(B) - Y=672649.8 N, X=575385.8 E
(C) - Y=671323.5 N, X=570096.2 E
(D) - Y=671330.0 N, X=575386.2 E
(E) - Y=672646.4 N, X=572735.4 E
(F) - Y=671326.8 N, X=572738.9 E

GEODETIC COORDINATES
NAD 27 NME

SURFACE LOCATION
Y=672317.7 N
X=572826.5 E
LAT.=32.848061° N
LONG.=104.096197° W

BOTTOM HOLE LOCATION
Y=672313.9 N
X=570423.2 E



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division

Signature 6-27-12 Date

Kelly J. Holly
Printed Name

kholly@concho.com
E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief

APRIL 21, 2012
Date of Survey

Signature & Seal of Professional Surveyor

RONALD J. EIDSON NEW MEXICO 3239 REGISTERED PROFESSIONAL SURVEYOR

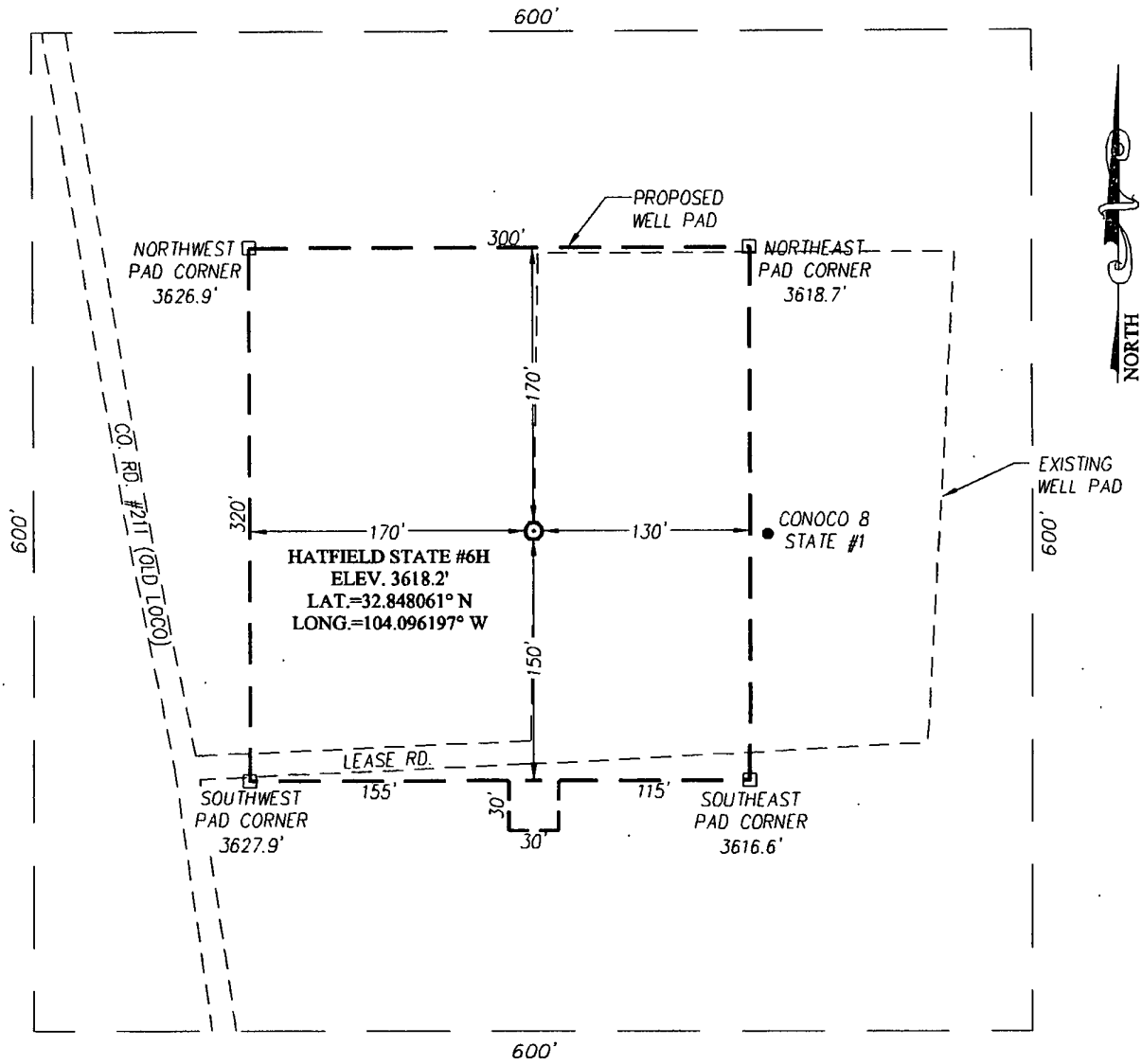
Ronald J. Eidson 6/25/2012

Certificate Number Gary G. Eidson 12641
Ronald J. Eidson 3239

AF WSC W.O.: 12.11.0866

SECTION 8, TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.

EDDY COUNTY NEW MEXICO



100 0 100 200 Feet

Scale: 1"=100'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. #211 (OLD LOCO) GO NORTH ON CO RD #211 APPROX 2.5 MILES. THE LOCATION STAKE IS 237 FEET EAST OF THE LEASE ROAD.

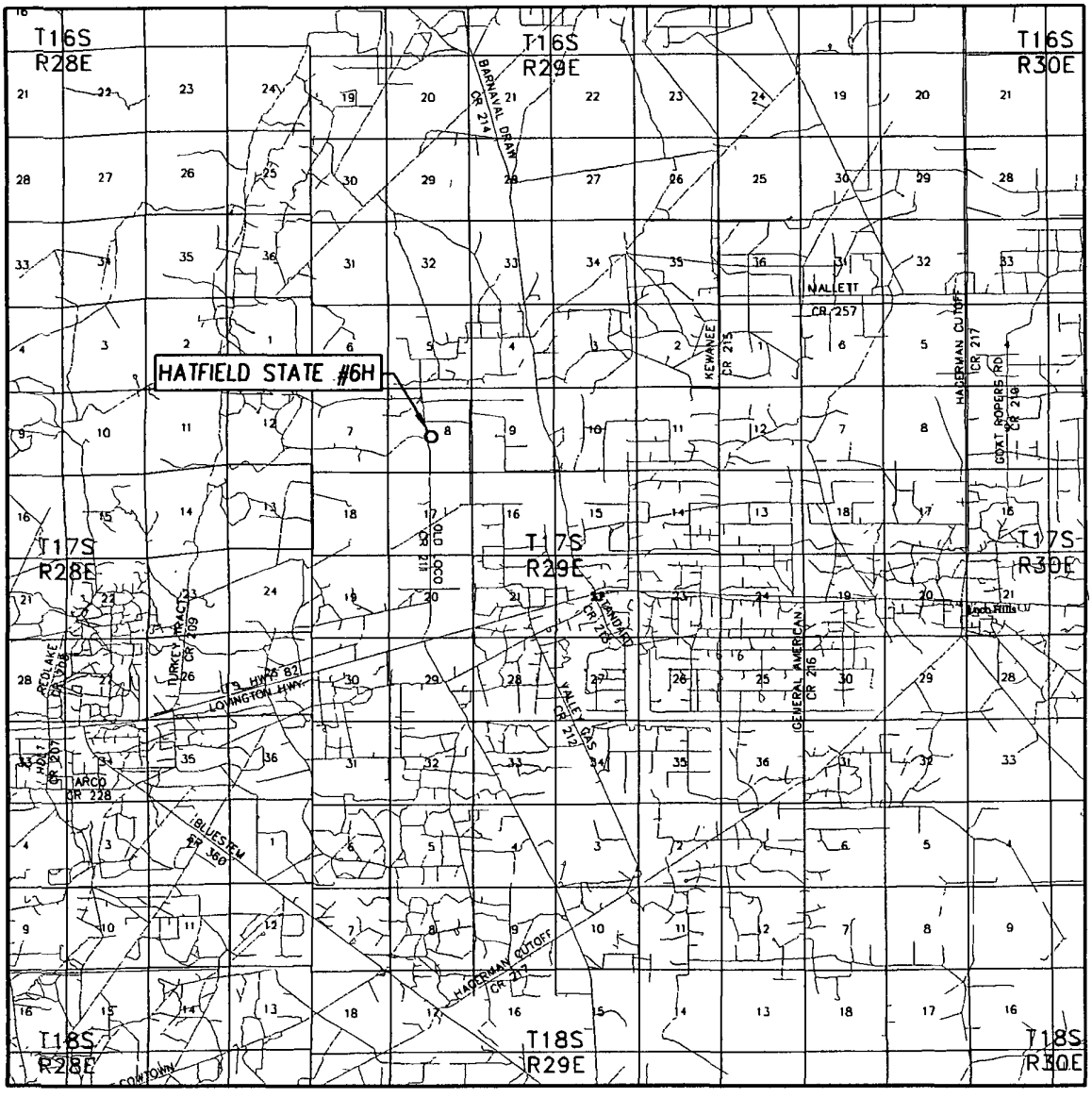
PROVIDING SURVEYING SERVICES SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz

COG OPERATING, LLC

HATFIELD STATE 6H WELL
LOCATED 2310 FEET FROM THE SOUTH LINE
AND 2560 FEET FROM THE EAST LINE OF SECTION 8,
TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

Survey Date. 4/21/12		CAD Date: 4/25/12	Drawn By: AF
W O No. 12110866	Rev:	Rel W.O.:	Sheet 1 of 1

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 8 TWP. 17-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 2310' FSL & 2560' FEL

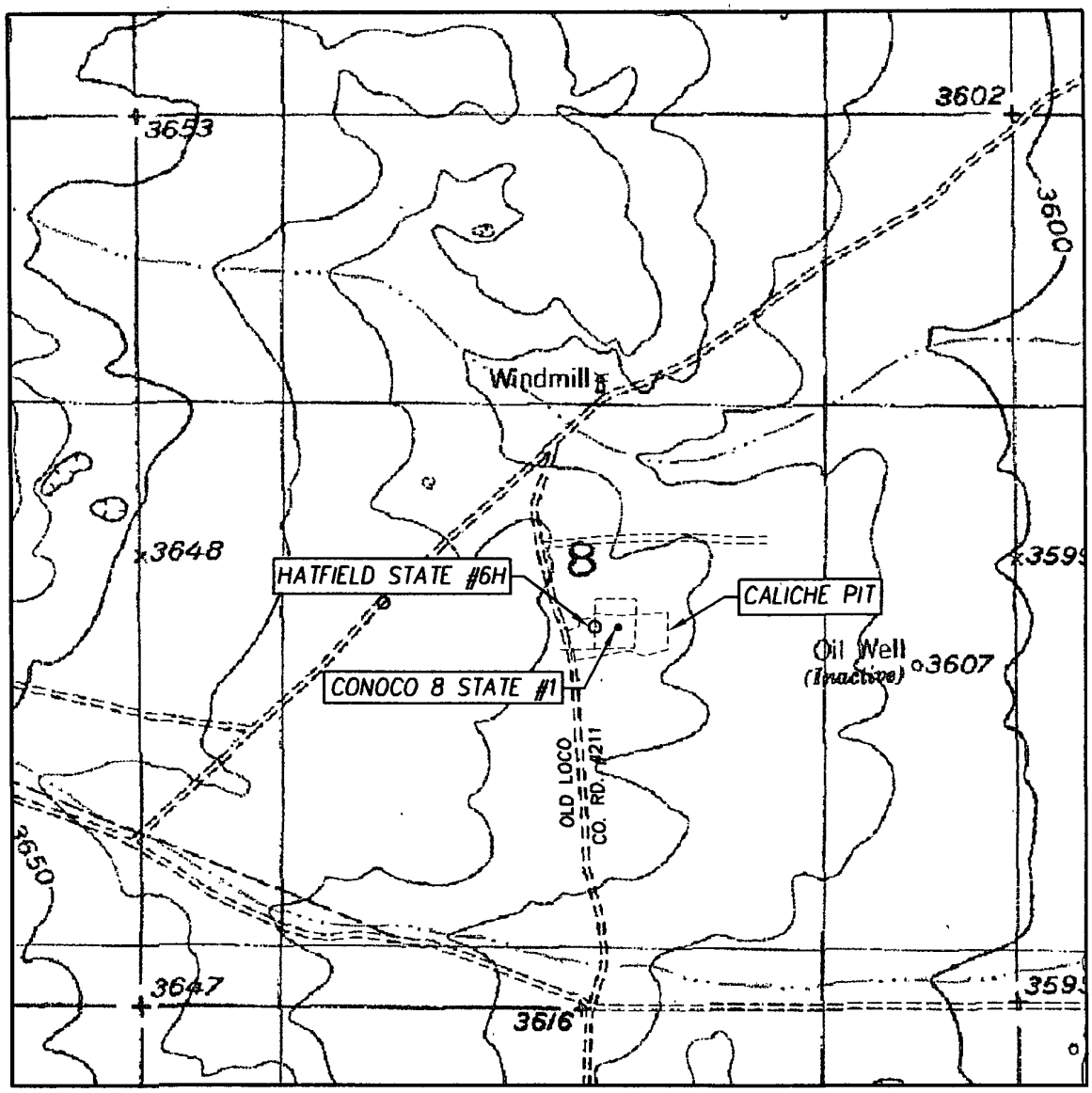
ELEVATION 3618'

OPERATOR COG OPERATING, LLC

LEASE HATFIELD STATE

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

LOCATION VERIFICATION MAP



SCALE: 1" = 1000'

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

SEC. 8 TWP. 17-S RGE 29-E

SURVEY N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 2310' FSL & 2560' FEL

ELEVATION 3618'

OPERATOR COG OPERATING, LLC

LEASE HATFIELD STATE

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

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

COG Operating LLC

Eddy County, NM
Hatfield State 6H
Hatfield State 6H

Lower Lateral

Plan: LL Plan #1

Surface: 2310' FSL, 2560' FEL, Sec 8, T17S, R29E, Unit J
BHL: 2310' FSL, 330' FWL, Sec 8, T17S, R29E, Unit L
PP: 2260' FSL, 2890' FEL, Sec 8, T17S, R29E, Unit J

Standard Planning Report

09 May, 2012

Crescent Directional Drilling

Planning Report

Database:	R5000 Houston DB	**Local Co-ordinate Reference:**	Site Hatfield State 6H
Company:	COG Operating LLC	**TVD Reference:**	WELL @ 3636 00ft (Original Well Elev)
Project:	Eddy County, NM	**MD Reference:**	WELL @ 3636 00ft (Original Well Elev)
Site:	Hatfield State 6H	**North Reference:**	Grid
Well:	Hatfield State 6H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Lower Lateral		
Design:	LL Plan #1		

Project Eddy County, NM

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site Hatfield State 6H

Site Position:		**Northing:**	672,317 70 ft	**Latitude:**	32 848058
From:	Map	**Easting:**	572,826 50 ft	**Longitude:**	-104 096201
Position Uncertainty:	0 00 ft	**Slot Radius:**	13 200 in	**Grid Convergence:**	0 13 °

Well Hatfield State 6H

Well Position	**+N/-S**	0 00 ft	**Northing:**	672,317 70 ft	**Latitude:**	32 848058
	+E/-W	0 00 ft	**Easting:**	572,826 50 ft	**Longitude:**	-104 096201
Position Uncertainty		0 00 ft	**Wellhead Elevation:**		**Ground Level:**	3,618 00 ft

Wellbore Lower Lateral

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/8/2012	7 77	60 65	48,842

Design LL Plan #1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0 00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0 00	0 00	0 00	269 91

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0 00	0 00	0 00	0 00	0 00	0 00	0.00	0 00	0 00	0 00	
4,470 21	0 00	0 00	4,470 21	0 00	0 00	0 00	0 00	0 00	0 00	
5,053 54	70 00	262 56	4,918 88	-40 68	-311 52	12 00	12 00	0 00	262 56	
5,242 86	91 00	271 39	4,950.00	-50 03	-496 77	12 00	11 10	4 66	23 41	
7,150 25	91 00	271 39	4,916 55	-3 80	-2,403 30	0 00	0 00	0 00	0 00	PBHL (Hatfield State (

Crescent Directional Drilling

Planning Report

Database:	R5000 Houston DB	**Local Co-ordinate Reference:**	Site Hatfield State 6H
Company:	COG Operating LLC	**TVD Reference:**	WELL @ 3636 00ft (Original Well Elev)
Project:	Eddy County, NM	**MD Reference:**	WELL @ 3636 00ft (Original Well Elev)
Site:	Hatfield State 6H	**North Reference:**	Grid
Well:	Hatfield State 6H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Lower Lateral		
Design:	LL Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,470 21	0 00	0 00	4,470 21	0 00	0 00	0 00	0 00	0 00	0 00
KOP - Start Build @ 12.00°/100'									
4,500 00	3 57	262 56	4,499 98	-0 12	-0 92	0 92	12 00	12 00	0 00
4,600 00	15 57	262 56	4,598 41	-2 27	-17 38	17 39	12 00	12 00	0 00
4,700 00	27 57	262 56	4,691 23	-7 02	-53 78	53 79	12 00	12 00	0 00
4,800 00	39 57	262 56	4,774 40	-14 17	-108 52	108 54	12 00	12 00	0 00
4,900 00	51 57	262 56	4,844 27	-23 40	-179 20	179 24	12 00	12 00	0 00
5,000 00	63 57	262 56	4,897 79	-34 31	-262 75	262 80	12 00	12 00	0 00
5,053 54	70 00	262 56	4,918 88	-40 68	-311 52	311 58	12 00	12 00	0 00
Continue Build & Turn @ 12.00°/100'									
5,100 00	75 13	264 85	4,932 80	-45 53	-355 56	355 63	12 00	11 04	4 93
5,166 89	82 55	267 97	4,945 74	-49 61	-421 00	421 08	12 00	11 10	4 66
PP @ 5166.89 MD, 4945.74 TVD, 82.55 INC, 267.97 AZ, 421.08 VS									
5,200 00	86 23	269 47	4,948 97	-50 35	-453 94	454 01	12 00	11 12	4 53
5,242 86	91 00	271 39	4,950 00	-50 03	-496 77	496 85	12 00	11 13	4 49
Landing Point - Hold @ 91.00° INC, 271.39° AZ									
5,300 00	91 00	271 39	4,949 00	-48 64	-553 88	553 96	0 00	0 00	0 00
5,400 00	91 00	271 39	4,947 25	-46 22	-653 84	653 91	0 00	0 00	0 00
5,500 00	91 00	271 39	4,945 49	-43 79	-753 79	753 86	0 00	0 00	0 00
5,600 00	91 00	271 39	4,943 74	-41 37	-853 75	853 81	0 00	0 00	0 00
5,700 00	91 00	271 39	4,941 99	-38 95	-953 70	953 76	0 00	0 00	0 00
5,800 00	91 00	271 39	4,940 23	-36 52	-1,053 66	1,053 71	0 00	0 00	0 00
5,900 00	91 00	271 39	4,938 48	-34 10	-1,153 61	1,153 67	0 00	0 00	0 00
6,000 00	91 00	271 39	4,936 72	-31 68	-1,253 57	1,253.62	0 00	0 00	0 00
6,100 00	91 00	271 39	4,934 97	-29 25	-1,353 52	1,353 57	0 00	0 00	0 00
6,200 00	91 00	271 39	4,933 22	-26 83	-1,453 48	1,453 52	0 00	0 00	0 00
6,300 00	91 00	271 39	4,931 46	-24 41	-1,553 43	1,553 47	0 00	0 00	0 00
6,400 00	91 00	271 39	4,929 71	-21 98	-1,653 39	1,653 42	0 00	0 00	0 00
6,500 00	91 00	271 39	4,927 95	-19 56	-1,753 34	1,753 37	0 00	0 00	0 00
6,600 00	91 00	271 39	4,926 20	-17 14	-1,853 30	1,853 32	0 00	0 00	0 00
6,700 00	91 00	271 39	4,924 45	-14 71	-1,953 26	1,953 28	0 00	0 00	0 00
6,800 00	91 00	271 39	4,922 69	-12 29	-2,053 21	2,053 23	0 00	0 00	0 00
6,900 00	91 00	271 39	4,920 94	-9 86	-2,153 17	2,153 18	0 00	0 00	0 00
7,000 00	91 00	271 39	4,919 19	-7 44	-2,253 12	2,253 13	0 00	0 00	0 00
7,100 00	91 00	271 39	4,917 43	-5 02	-2,353 08	2,353 08	0 00	0 00	0 00
7,150 25	91 00	271 39	4,916 55	-3 80	-2,403 30	2,403 30	0 00	0 00	0 00
TD @ 7150.25' MD, 4916.55' TVD - PBHL (Hatfield State 6H LL Plan 1)									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL (Hatfield State 6H - plan hits target center - Point	0 00	0 00	4,916 55	-3 80	-2,403 30	672,313 90	570,423 20	32 848062	-104 104026

Database:	R5000 Houston DB	**Local Co-ordinate Reference:**	Site Hatfield State 6H
Company:	COG Operating LLC	**TVD Reference:**	WELL @ 3636 00ft (Original Well Elev)
Project:	Eddy County, NM	**MD Reference:**	WELL @ 3636 00ft (Original Well Elev)
Site:	Hatfield State 6H	**North Reference:**	Grid
Well:	Hatfield State 6H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Lower Lateral		
Design:	LL Plan #1		

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
4,470 21	4,470 21	0 00	0 00	KOP - Start Build @ 12 00°/100'
5,053 54	4,918 88	-40 68	-311 52	Continue Build & Turn @ 12 00°/100'
5,166 89	4,945 74	-49 61	-421 00	PP @ 5166 89 MD, 4945 74 TVD, 82 55 INC, 267 97 AZ, 421 08 VS
5,242 86	4,950 00	-50 03	-496 77	Landing Point - Hold @ 91 00° INC, 271 39° AZ
7,150 25	4,916 55	-3 80	-2,403 30	TD @ 7150 25' MD, 4916 55' TVD

CRESCENT DIRECTIONAL DRILLING

COG Operating LLC
Hatfield State 6H
Eddy County, NM
LL Plan #1

CONCHO

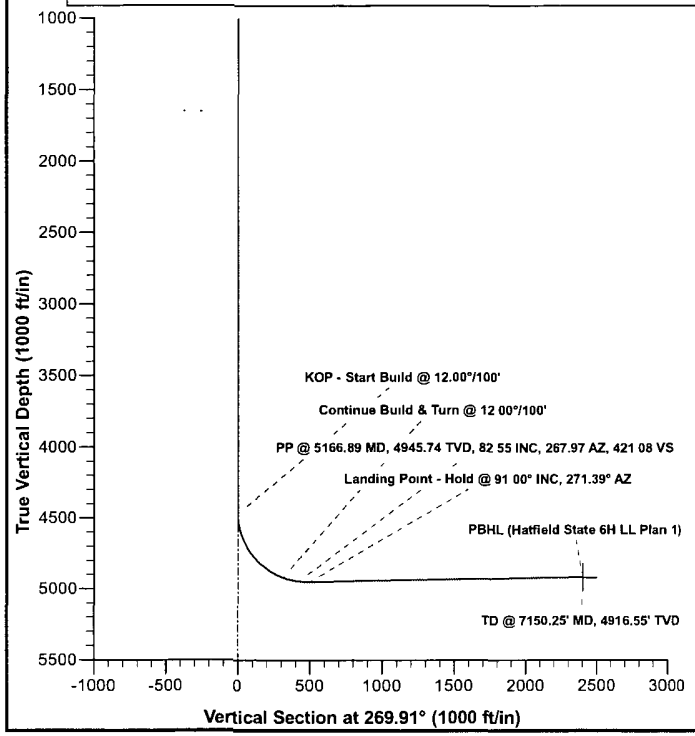
Surface Location		Ground Elev: 3618.00 WELL @ 3636.00ft (Original Well Elev)			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	672317.70	572826.50	32.848058	-104.096201

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL (Hatfield State 6H LL Plan 1)	4916.55	-3 80	-2403.30	672313.90	570423.20	32.848062	-104.104026

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
1	0.00	0.00	0.00	0 00	0 00	0.00	0 00	0.00	0.00	
2	4470.21	0.00	0.00	4470 21	0 00	0.00	0.00	0.00	0.00	KOP - Start Build @ 12 00°/100'
3	5053.54	70.00	262.56	4918 88	-40 68	-311.52	12 00	262 56	311.58	Continue Build & Turn @ 12 00°/100'
4	5242.86	91.00	271.39	4950 00	-50 03	-496.77	12.00	23.41	496.85	Landing Point - Hold @ 91 00° INC, 271.39° AZ
5	7150 25	91.00	271.39	4916 55	-3 80	-2403.30	0 00	0.00	2403 30	TD @ 7150.25' MD, 4916.55' TVD



Azimuths to Grid North
True North -0 13°
Magnetic North 7.64°

Magnetic Field
Strength: 48842.3snT
Dip Angle: 60 65°
Date 5/8/2012
Model IGRF2010