

702 H 30-025-42983

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use form 3160-3 (APD) for such proposals.FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20185. Lease Serial No.
NMNM121490

6. If Indian, Allottee or Tribe Name

7. If Unit or C/A Agreement, Name and/or No.

8. Well Name and No.
COLGROVE 35 FED COM 702H 4701H9. API Well No.
30-025-42983-00-X1 See below10. Field and Pool or Exploratory Area
WC025G09S263327G-UP WOLFCAMP11. County or Parish, State
LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EOG RESOURCES INCORPORATED

Contact: STAR L. HARRELL

E-Mail: Star_Harrell@eogresources.com

3a. Address

PO BOX 2267
MIDLAND, TX 79702

3b. Phone No. (include area code)

Ph: 432-848-9161

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 35 T26S R33E Lot 4 360FSL 245FWL

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original APD
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/DIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Due to an Enterprise pipeline ROW cutting through our original well pad. The pad and SHLs had to move to get out of the way of the existing pipeline. The pad itself moved about 155 feet east and then rotated 90 degrees. This also made the two SHLs sit north and south of each other.

The pad size is a little bigger than before:
Original size 450x340
New size 453x400

The SHL have changed due to the pad move:
Original SHL 701/702 east and west, separated by 30 feet
New SHL 701/702 north and south, separated by 33 feet

Eng Okay CRW 2/16/19

Use original slips

Approved. WDD. 2/15/2019. DOI-BLM-NM-P020-2019-0444-Cx

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #452858 verified by the BLM Well Information System

For EOG RESOURCES INCORPORATED, sent to the Hobbs

Committed to AFMSS for processing by JUAN MEDRANO on 02/04/2019 (19JM0005SE)

Name (Printed/Typed) STAR L. HARRELL

Title SR REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 02/01/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice 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 conduct operations thereon.

Officer

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)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

KZ

Additional data for EC transaction #452858 that would not fit on the form

32. Additional remarks, continued

The road and flow line route also changed slightly at the well pad:
Access road and flow line running north and south into pad moved west about 50 feet.

Plats and sketches of the changes are attached to sundry.
This has been previously covered within the boundaries of arch and EA survey coverage. We request this be approved through a CAD-X.

Topsail is not being included due to lack of space with the pipeline ROW constraints:

District I
1825 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
1250 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, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-42983	² Pool Code 98097	³ Pool Name WC-02 G-09 S263327G; Upper Wolfcamp
⁴ Property Code 315730	⁵ Property Name COLGROVE 35 FED COM	⁶ Well Number #702H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3318'

¹⁰Surface Location

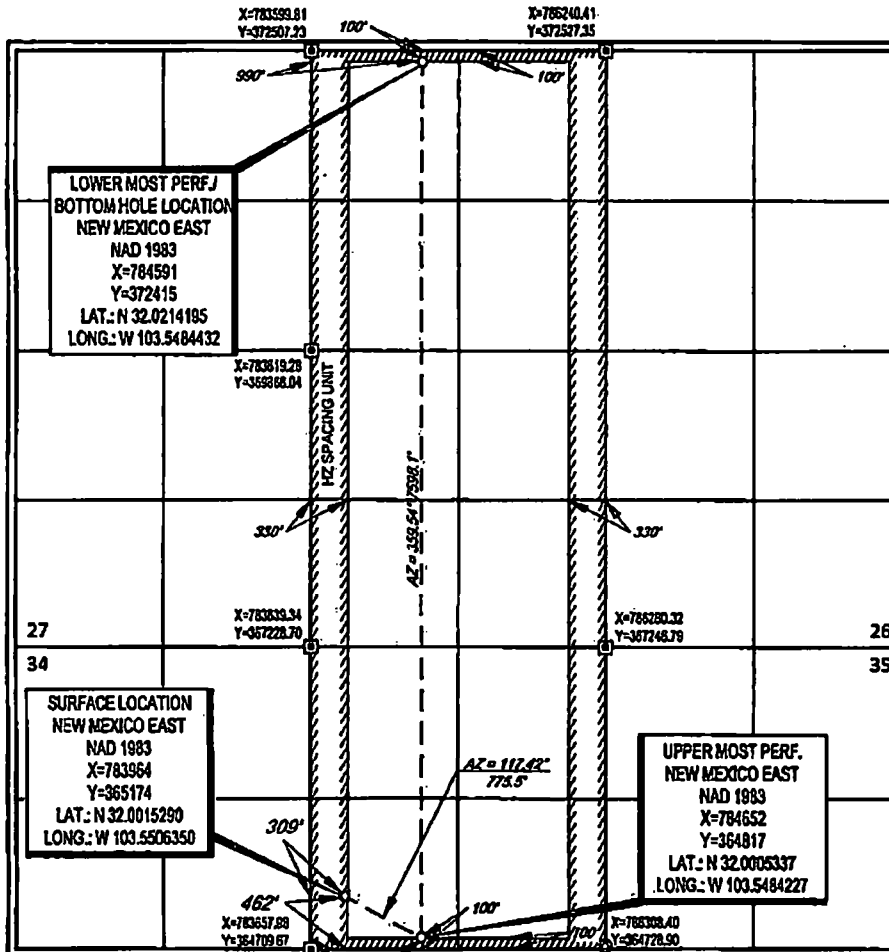
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	35	26-S	33-E	-	462'	SOUTH	309'	WEST	LEA

¹¹Bottom 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
D	26	26-S	33-E	-	100'	NORTH	990'	WEST	LEA

¹² Dedicated Acres 472.70	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.



¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Star L Harrell 2/11/19
Signature Date

Star L Harrell
Printed Name

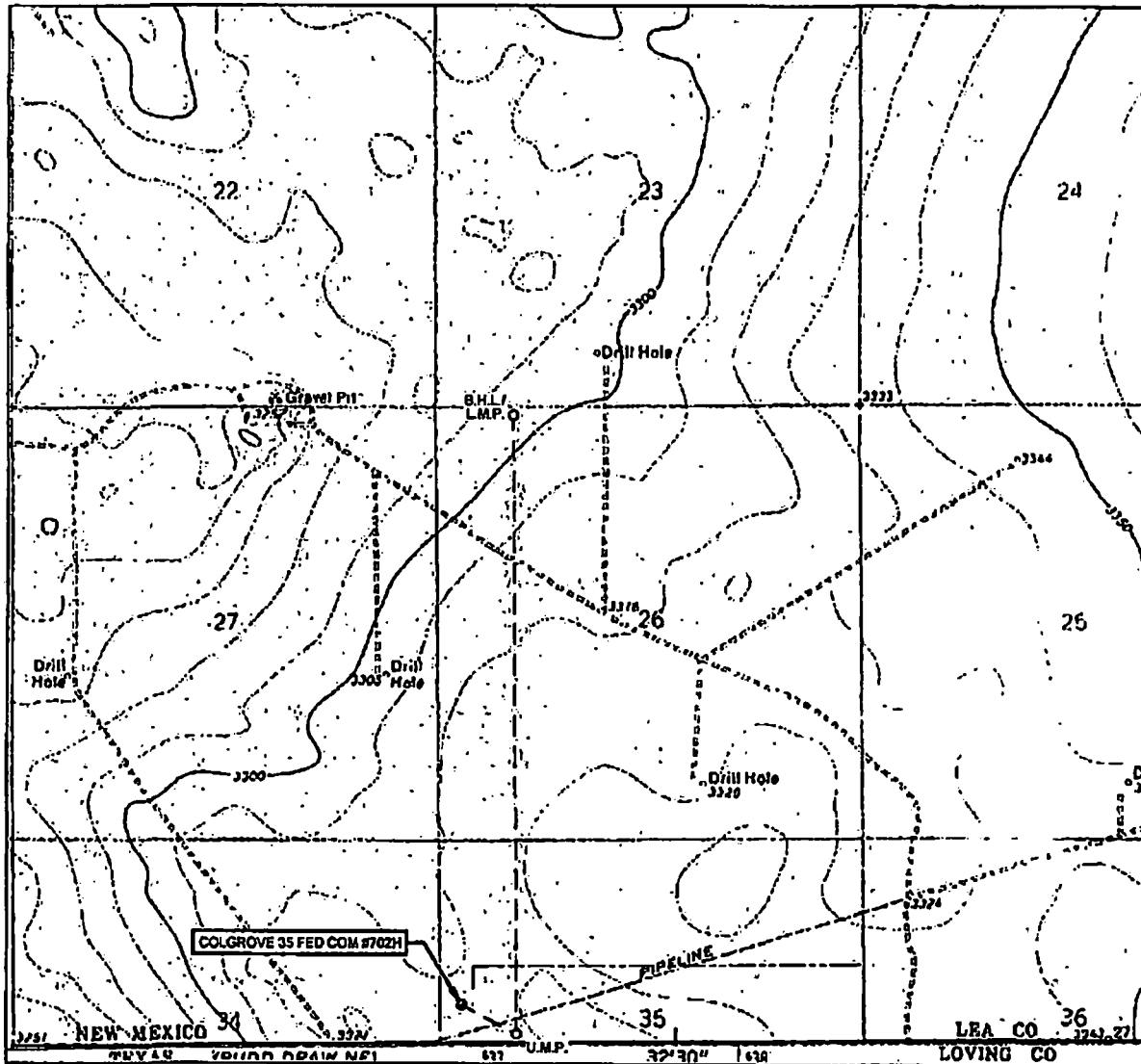
star_harrell@eogresources.com
E-mail Address

¹⁸SURVEYOR 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 to the best of my belief.

01/29/2019
Date of Survey
Signature and Seal of Surveyor
MR. CHAD BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR
Certificate Number

LOCATION & ELEVATION VERIFICATION MAP

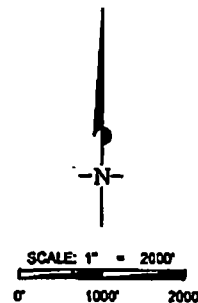


Geog resources, Inc.

LEASE NAME & WELL NO.: COLGROVE 35 FED COM #702H

SECTION 35 TWP 28-S RGE 33-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3318'
 DESCRIPTION 462' FSL & 309' FWL

LATITUDE N 32.0015290 LONGITUDE W 103.5508350



THIS EASEMENT/RIGHT OF WAY LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

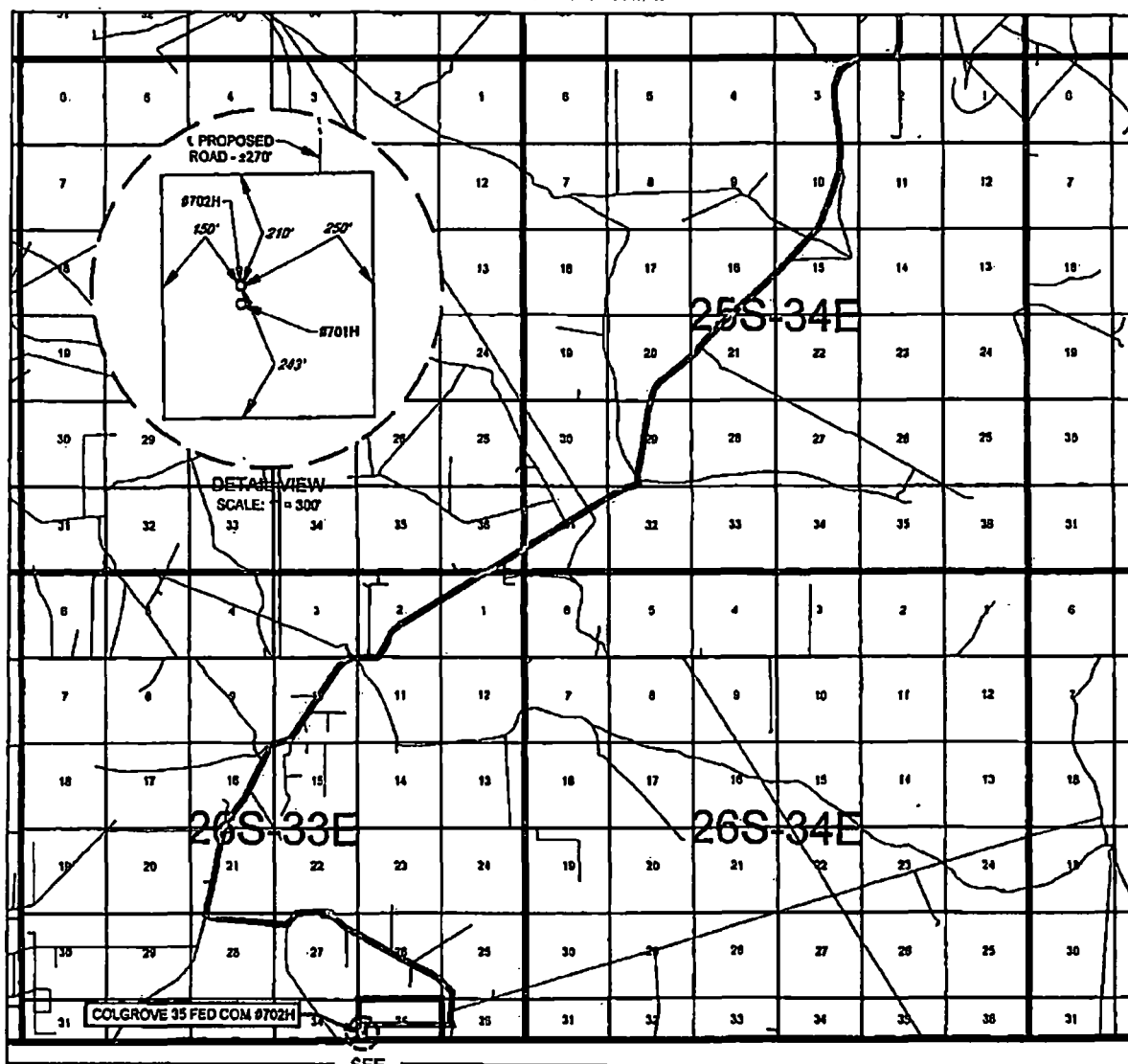
ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1927, EAST ZONE, U.S. SURVEY FEET.



TOPOGRAPHIC
 LOYALTY · INNOVATION · LEGACY

1400 EVERMAN PARKWAY, Ste. 140 • FT. WORTH, TEXAS 76140
 TELEPHONE: (817) 744-7513 • FAX: (817) 744-7554
 2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
 TELEPHONE: (432) 882-1633 OR (202) 787-1633 • FAX: (432) 882-1743
 WWW.TOPOGRAPHIC.COM

EXHIBIT 2 VICINITY MAP



SEE
DETAIL



LEASE NAME & WELL NO.: COLGROVE 35 FED COM #702H

SECTION 35 TWP 26-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 482' FSL & 309' FWL

DISTANCE & DIRECTION

FROM INT. OF NM-18 N. & NM-128, GO WEST ON NM-128 ± 14.1 MILES, THENCE SOUTHWEST (LEFT) ON BATTLAXE RD. ± 17.2 MILES, THENCE EAST (LEFT) ON LEASE RD. ± 3.7 MILES, WEST (RIGHT) ON PROPOSED RD. ± 1.0 MILES, THENCE SOUTH (LEFT) ON PROPOSED RD. ± 270 FEET TO A POINT ± 258 FEET NORTHEAST OF LOCATION.

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1927, EAST ZONE, U.S. SURVEY FEET.



SCALE: 1" = 10000'
0' 5000' 10000'



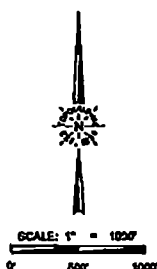
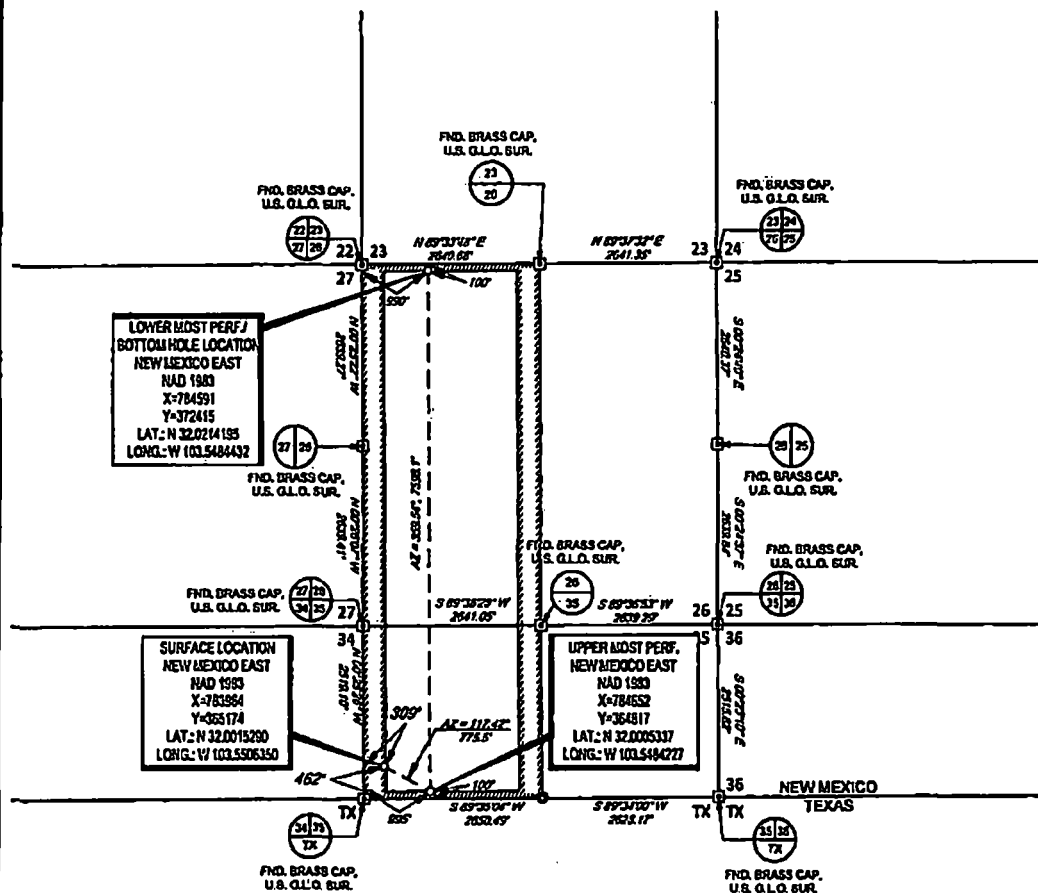
TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, SUITE 140 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7617 • FAX: (817) 744-7654
2803 NORTH BIG SPRING • MIDLAND, TEXAS 79703
TELEPHONE: (432) 682-1653 OR (808) 767-1653 • FAX: (432) 682-1743
WWW.TOPOGRAPHIC.COM



EXHIBIT 2A

SECTION 35, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

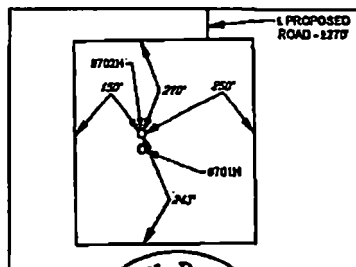


LEASE NAME & WELL NO.: COLGROVE 35 FED COM #702H

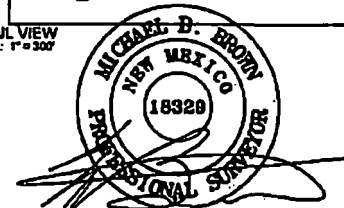
SECTION 35 TWP. 26-S RGE. 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 462' FSL & 309' FWL

DISTANCE & DIRECTION
FROM INT. OF NM-18 N. & NM-128. GO WEST ON NM-128 ±14.1 MILES.
THENCE SOUTHWEST (LEFT) ON BATTLEAXE RD. ±17.2 MILES.
THENCE EAST (LEFT) ON LEASE RD. ±3.7 MILES. WEST (RIGHT) ON
PROPOSED RD. ±1.0 MILES. THENCE SOUTH (LEFT) ON PROPOSED RD.
±270 FEET TO A POINT ±258 FEET NORTHEAST OF LOCATION.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GCS
BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1987, EAST ZONE, U.S. SURVEY
FEET.
THIS EASEMENT SURVEY LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND
UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FURNISHED AS THE BASIS OF
SURVEY, AND DATA PROVIDED BY GEO RESOURCES, INC. THIS EVIDENCE IS SUFFICIENT AND LIMITED
TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAN AND IS NON-TRANSFERABLE.
THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.



DETAIL VIEW
SCALE: 1" = 300'



Michael Blake Brown, P.S. No. 18329
JANUARY 30, 2019

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
1400 EVELAND PARKWAY, SUITE 140 - FT. WORTH, TEXAS 76140
TEL (PHONE) (817) 744-7377 - FAX (817) 744-7374
2803 NORTH BAY PARKWAY - DUBLAND, TEXAS 75838
TELEPHONE (409) 443-1553 OR (800) 767-1853 - FAX (409) 443-1543
WWW.TOPOGRAPHIC.COM



Lea County, NM (NAD 83 NME)
Colgrove 35 Fed Com #702H
Plan #0.1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Elevation: GDS 1182
Zone: New Mexico Eastern Zone
System Source: Mean Sea Level

WELL DETAILS: #702H

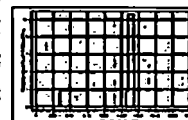
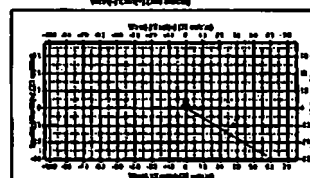
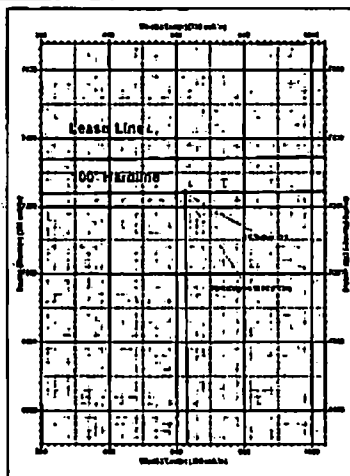
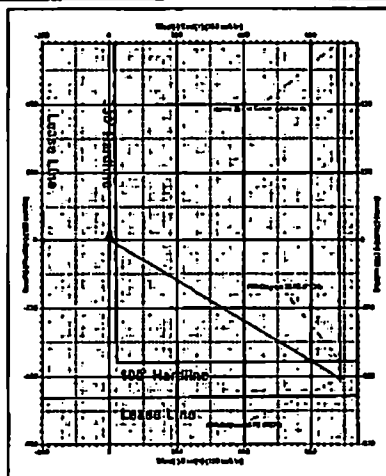
MD = 30 @ 3345.8 ft
Easting: 751745.00
Northing: 341074.00
Latitude: 32° 25' 3.215" N
Longitude: 103° 25' 3.215" W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+NAS	+EAW	Dlog	TFace	VSeal	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3000.0	0.00	0.00	3000.0	0.0	0.0	0.00	0.00	0.0	
3	3200.0	6.21	120.61	3200.3	-0.0	10.2	2.00	120.61	-0.1	
4	11797.0	6.21	120.61	11793.2	-401.0	877.8	0.00	0.00	-349.0	
5	12000.0	0.00	0.00	12000.0	-407.0	688.0	2.00	180.00	-346.1	KOP(Colgrove 35 FC #702H)
6	12000.0	0.00	0.00	12000.0	70.4	684.2	12.00	359.54	123.2	
7	19770.3	00.00	359.54	12500.0	7249.0	827.0	0.00	0.00	7269.1	PBHL(Colgrove 35 FC #702H)

WELL TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+NAS	+EAW	Easting	North
KOP(Colgrove 35 FC #702H)	12000.0	-401.0	688.0	751745.00	341074.00
PBHL(Colgrove 35 FC #702H)	12500.0	-415.0	671.0	751745.00	341074.00





EOG Resources - Midland

**Lea County, NM (NAD 83 NME)
Colgrove 35 Fed Com
#702H**

OH

Plan: Plan #0.1

Standard Planning Report

30 January, 2019



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Colgrove 35 Fed Com
 Well: #702H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
 TVD Reference: KB = 25 @ 3343.0usft
 MD Reference: KB = 25 @ 3343.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Project	Lea County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Colgrove 35 Fed Com		
Site Position:	Northings:	364,902.00 usft	Latitude: 32° 0' 2.718 N
From:	Map	Eastings:	785,281.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"
		Grid Convergence:	0.42°

Well	#702H		
Well Position	+N-S	272.0 usft	Northings:
	+E-W	-1,327.0 usft	Eastings:
Position Uncertainty	0.0 usft	Wellhead Elevation:	Ground Level:
			3,318.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	1/30/2019	6.75
			Dip Angle
			59.84
			Field Strength
			47,642.46547881

Design	Plan #0.1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.0
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			4.85

Plan Survey Tool Program	Date 1/30/2019		
Depth From	Depth To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
1	0.0	19,979.3 Plan #0.1 (OH)	MWD
			OWSG MWD - Standard

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N-S	+E-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,260.6	5.21	120.81	3,260.3	-6.0	10.2	2.00	2.00	0.00	120.81	
11,787.9	5.21	120.81	11,762.2	-401.0	677.8	0.00	0.00	0.00	0.00	
12,058.6	0.00	0.00	12,022.5	-407.0	688.0	2.00	-2.00	0.00	180.00	KOP(Colgrove 35 FC
12,808.5	90.00	359.64	12,500.0	70.4	684.2	12.00	12.00	-0.06	359.64	
19,979.3	90.00	359.64	12,500.0	7,241.0	627.0	0.00	0.00	0.00	0.00	PBHL(Colgrove 35 FC



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Colgrove 35 Fed Com
 Well: #702H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
 TVD Reference: KB = 25 @ 3343.0usft
 MD Reference: KB = 25 @ 3343.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/S (usft)	+E/W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Bulld Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	2.00	120.61	3,100.0	-0.9	1.5	-0.8	2.00	2.00	0.00
3,200.0	4.00	120.61	3,189.8	-3.6	6.0	-3.0	2.00	2.00	0.00
3,260.6	5.21	120.61	3,260.3	-6.0	10.2	-5.1	2.00	2.00	0.00
3,300.0	5.21	120.61	3,289.6	-7.9	13.3	-6.7	0.00	0.00	0.00
3,400.0	5.21	120.61	3,399.1	-12.6	21.1	-10.6	0.00	0.00	0.00
3,500.0	5.21	120.61	3,498.7	-17.1	28.9	-14.5	0.00	0.00	0.00
3,600.0	5.21	120.61	3,598.2	-21.7	38.7	-18.5	0.00	0.00	0.00
3,700.0	5.21	120.61	3,697.8	-26.4	44.6	-22.4	0.00	0.00	0.00
3,800.0	5.21	120.61	3,797.4	-31.0	52.4	-26.3	0.00	0.00	0.00
3,900.0	5.21	120.61	3,897.0	-35.6	60.2	-30.3	0.00	0.00	0.00
4,000.0	5.21	120.61	3,996.6	-40.2	68.0	-34.2	0.00	0.00	0.00
4,100.0	5.21	120.61	4,096.2	-44.9	75.8	-38.2	0.00	0.00	0.00
4,200.0	5.21	120.61	4,195.8	-49.5	83.7	-42.1	0.00	0.00	0.00
4,300.0	5.21	120.61	4,295.3	-54.1	91.5	-46.0	0.00	0.00	0.00
4,400.0	5.21	120.61	4,394.9	-58.7	99.3	-50.0	0.00	0.00	0.00
4,500.0	5.21	120.61	4,494.5	-63.4	107.1	-53.9	0.00	0.00	0.00
4,600.0	5.21	120.61	4,594.1	-68.0	114.9	-57.8	0.00	0.00	0.00
4,700.0	5.21	120.61	4,693.7	-72.6	122.8	-61.8	0.00	0.00	0.00
4,800.0	5.21	120.61	4,793.3	-77.2	130.6	-65.7	0.00	0.00	0.00
4,900.0	5.21	120.61	4,892.9	-81.9	138.4	-69.6	0.00	0.00	0.00
5,000.0	5.21	120.61	4,992.4	-86.5	146.2	-73.6	0.00	0.00	0.00
5,100.0	5.21	120.61	5,092.0	-91.1	154.0	-77.5	0.00	0.00	0.00
5,200.0	5.21	120.61	5,191.6	-95.7	161.9	-81.4	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Colgrove 35 Fed Com
Well: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25 @ 3343.0usft
MD Reference: KB = 25 @ 3343.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,300.0	5.21	120.61	5,281.2	-100.4	169.7	-85.4	0.00	0.00	0.00
5,400.0	5.21	120.61	5,390.8	-105.0	177.5	-89.3	0.00	0.00	0.00
5,500.0	5.21	120.61	5,490.4	-109.8	185.3	-93.2	0.00	0.00	0.00
5,600.0	5.21	120.61	5,590.0	-114.3	193.1	-97.2	0.00	0.00	0.00
5,700.0	5.21	120.61	5,689.6	-118.9	201.0	-101.1	0.00	0.00	0.00
5,800.0	5.21	120.61	5,789.1	-123.5	208.8	-105.0	0.00	0.00	0.00
5,900.0	5.21	120.61	5,888.7	-128.1	216.8	-109.0	0.00	0.00	0.00
6,000.0	5.21	120.61	5,988.3	-132.8	224.4	-112.9	0.00	0.00	0.00
6,100.0	5.21	120.61	6,087.9	-137.4	232.2	-116.8	0.00	0.00	0.00
6,200.0	5.21	120.61	6,187.5	-142.0	240.1	-120.8	0.00	0.00	0.00
6,300.0	5.21	120.61	6,287.1	-146.6	247.9	-124.7	0.00	0.00	0.00
6,400.0	5.21	120.61	6,386.7	-151.3	255.7	-128.6	0.00	0.00	0.00
6,500.0	5.21	120.61	6,486.2	-155.9	263.5	-132.6	0.00	0.00	0.00
6,600.0	5.21	120.61	6,585.8	-160.5	271.3	-136.5	0.00	0.00	0.00
6,700.0	5.21	120.61	6,685.4	-165.1	279.2	-140.4	0.00	0.00	0.00
6,800.0	5.21	120.61	6,785.0	-169.8	287.0	-144.4	0.00	0.00	0.00
6,900.0	5.21	120.61	6,884.6	-174.4	294.8	-148.3	0.00	0.00	0.00
7,000.0	5.21	120.61	6,984.2	-179.0	302.6	-152.2	0.00	0.00	0.00
7,100.0	5.21	120.61	7,083.8	-183.6	310.4	-156.2	0.00	0.00	0.00
7,200.0	5.21	120.61	7,183.3	-188.3	318.3	-160.1	0.00	0.00	0.00
7,300.0	5.21	120.61	7,282.9	-192.9	326.1	-164.0	0.00	0.00	0.00
7,400.0	5.21	120.61	7,382.5	-197.5	333.9	-168.0	0.00	0.00	0.00
7,500.0	5.21	120.61	7,482.1	-202.1	341.7	-171.9	0.00	0.00	0.00
7,600.0	5.21	120.61	7,581.7	-206.8	349.5	-175.8	0.00	0.00	0.00
7,700.0	5.21	120.61	7,681.3	-211.4	357.4	-179.8	0.00	0.00	0.00
7,800.0	5.21	120.61	7,780.9	-216.0	365.2	-183.7	0.00	0.00	0.00
7,900.0	5.21	120.61	7,880.5	-220.7	373.0	-187.7	0.00	0.00	0.00
8,000.0	5.21	120.61	7,980.0	-225.3	380.8	-191.6	0.00	0.00	0.00
8,100.0	5.21	120.61	8,079.6	-229.9	388.6	-195.5	0.00	0.00	0.00
8,200.0	5.21	120.61	8,179.2	-234.5	396.5	-199.5	0.00	0.00	0.00
8,300.0	5.21	120.61	8,278.8	-239.2	404.3	-203.4	0.00	0.00	0.00
8,400.0	5.21	120.61	8,378.4	-243.8	412.1	-207.3	0.00	0.00	0.00
8,500.0	5.21	120.61	8,478.0	-248.4	419.9	-211.3	0.00	0.00	0.00
8,600.0	5.21	120.61	8,577.6	-253.0	427.7	-215.2	0.00	0.00	0.00
8,700.0	5.21	120.61	8,677.1	-257.7	435.6	-219.1	0.00	0.00	0.00
8,800.0	5.21	120.61	8,776.7	-262.3	443.4	-223.1	0.00	0.00	0.00
8,900.0	5.21	120.61	8,876.3	-266.9	451.2	-227.0	0.00	0.00	0.00
9,000.0	5.21	120.61	8,975.9	-271.5	459.0	-230.9	0.00	0.00	0.00
9,100.0	5.21	120.61	9,075.5	-276.2	466.8	-234.9	0.00	0.00	0.00
9,200.0	5.21	120.61	9,175.1	-280.8	474.6	-238.8	0.00	0.00	0.00
9,300.0	5.21	120.61	9,274.7	-285.4	482.5	-242.7	0.00	0.00	0.00
9,400.0	5.21	120.61	9,374.2	-290.0	490.3	-246.7	0.00	0.00	0.00
9,500.0	5.21	120.61	9,473.8	-294.7	498.1	-250.6	0.00	0.00	0.00
9,600.0	5.21	120.61	9,573.4	-299.3	505.9	-254.5	0.00	0.00	0.00
9,700.0	5.21	120.61	9,673.0	-303.9	513.7	-258.5	0.00	0.00	0.00
9,800.0	5.21	120.61	9,772.6	-308.5	521.6	-262.4	0.00	0.00	0.00
9,900.0	5.21	120.61	9,872.2	-313.2	529.4	-266.3	0.00	0.00	0.00
10,000.0	5.21	120.61	9,971.8	-317.8	537.2	-270.3	0.00	0.00	0.00
10,100.0	5.21	120.61	10,071.4	-322.4	545.0	-274.2	0.00	0.00	0.00
10,200.0	5.21	120.61	10,170.9	-327.0	552.8	-278.1	0.00	0.00	0.00
10,300.0	5.21	120.61	10,270.5	-331.7	560.7	-282.1	0.00	0.00	0.00
10,400.0	5.21	120.61	10,370.1	-336.3	568.5	-286.0	0.00	0.00	0.00
10,500.0	5.21	120.61	10,469.7	-340.9	576.3	-289.9	0.00	0.00	0.00
10,600.0	5.21	120.61	10,569.3	-345.6	584.1	-293.9	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Colgrove 35 Fed Com
 Well: #702H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
 TVD Reference: KB = 25 @ 3343.0usft
 MD Reference: KB = 25 @ 3343.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/S (usft)	+E/W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,700.0	5.21	120.61	10,668.9	-350.2	591.9	-297.8	0.00	0.00	0.00
10,800.0	5.21	120.61	10,768.5	-354.8	599.8	-301.7	0.00	0.00	0.00
10,900.0	5.21	120.61	10,868.0	-359.4	607.8	-305.7	0.00	0.00	0.00
11,000.0	5.21	120.61	10,967.6	-364.1	615.4	-309.8	0.00	0.00	0.00
11,100.0	5.21	120.61	11,067.2	-368.7	623.2	-313.5	0.00	0.00	0.00
11,200.0	5.21	120.61	11,166.8	-373.3	631.0	-317.5	0.00	0.00	0.00
11,300.0	5.21	120.61	11,266.4	-377.9	638.9	-321.4	0.00	0.00	0.00
11,400.0	5.21	120.61	11,366.0	-382.6	646.7	-325.3	0.00	0.00	0.00
11,500.0	5.21	120.61	11,465.6	-387.2	654.5	-329.3	0.00	0.00	0.00
11,600.0	5.21	120.61	11,565.1	-391.8	662.3	-333.2	0.00	0.00	0.00
11,700.0	5.21	120.61	11,664.7	-396.4	670.1	-337.1	0.00	0.00	0.00
11,797.9	5.21	120.61	11,762.2	-401.0	677.8	-341.0	0.00	0.00	0.00
11,800.0	5.17	120.61	11,764.3	-401.1	678.0	-341.1	2.00	-2.00	0.00
11,900.0	3.17	120.61	11,864.1	-404.8	684.2	-344.2	2.00	-2.00	0.00
12,000.0	1.17	120.61	11,964.0	-406.7	687.5	-345.9	2.00	-2.00	0.00
12,058.5	0.00	0.00	12,022.5	-407.0	688.0	-346.1	2.00	-2.00	0.00
KOP(Colgrove 35 FC #702H)									
12,076.0	1.98	359.54	12,039.0	-406.7	688.0	-345.8	12.00	12.00	0.00
12,100.0	4.98	359.54	12,063.9	-405.2	688.0	-344.3	12.00	12.00	0.00
12,125.0	7.98	359.54	12,088.8	-402.4	688.0	-341.5	12.00	12.00	0.00
12,150.0	10.98	359.54	12,113.4	-398.3	687.9	-337.4	12.00	12.00	0.00
12,175.0	13.98	359.54	12,137.8	-392.9	687.9	-332.1	12.00	12.00	0.00
12,200.0	16.98	359.54	12,161.9	-388.2	687.8	-325.4	12.00	12.00	0.00
12,225.0	19.98	359.54	12,185.8	-378.3	687.8	-317.5	12.00	12.00	0.00
12,250.0	22.98	359.54	12,208.9	-369.1	687.7	-308.4	12.00	12.00	0.00
12,275.0	25.98	359.54	12,231.6	-358.8	687.6	-298.1	12.00	12.00	0.00
12,300.0	28.98	359.54	12,253.8	-347.2	687.5	-288.8	12.00	12.00	0.00
12,325.0	31.98	359.54	12,275.4	-334.6	687.4	-274.0	12.00	12.00	0.00
12,350.0	34.98	359.54	12,298.2	-320.8	687.3	-260.3	12.00	12.00	0.00
12,375.0	37.98	359.54	12,318.3	-305.9	687.2	-245.5	12.00	12.00	0.00
12,400.0	40.98	359.54	12,335.6	-290.0	687.1	-228.7	12.00	12.00	0.00
12,425.0	43.98	359.54	12,354.0	-273.1	686.9	-212.9	12.00	12.00	0.00
12,450.0	46.98	359.54	12,371.6	-255.3	686.8	-195.1	12.00	12.00	0.00
12,459.0	48.08	359.54	12,377.5	-248.7	686.7	-188.5	12.00	12.00	0.00
FTP(Colgrove 35 FC #702H)									
12,475.0	49.98	359.54	12,388.1	-236.6	686.6	-176.5	12.00	12.00	0.00
12,500.0	52.98	359.54	12,403.7	-217.0	686.5	-157.0	12.00	12.00	0.00
12,525.0	55.98	359.54	12,418.2	-196.7	686.3	-136.8	12.00	12.00	0.00
12,550.0	58.98	359.54	12,431.7	-175.6	686.2	-115.8	12.00	12.00	0.00
12,575.0	61.98	359.54	12,444.0	-153.9	686.0	-94.1	12.00	12.00	0.00
12,600.0	64.98	359.54	12,455.1	-131.5	685.8	-71.9	12.00	12.00	0.00
12,625.0	67.98	359.54	12,465.1	-108.6	685.6	-49.0	12.00	12.00	0.00
12,650.0	70.98	359.54	12,473.9	-85.2	685.4	-25.7	12.00	12.00	0.00
12,675.0	73.98	359.54	12,481.4	-61.3	685.2	-2.0	12.00	12.00	0.00
12,700.0	76.98	359.54	12,487.7	-37.1	685.1	22.1	12.00	12.00	0.00
12,725.0	79.98	359.54	12,492.7	-12.7	684.9	46.6	12.00	12.00	0.00
12,750.0	82.98	359.54	12,498.4	12.1	684.7	71.1	12.00	12.00	0.00
12,775.0	85.98	359.54	12,498.8	36.9	684.5	95.9	12.00	12.00	0.00
12,800.0	88.98	359.54	12,499.9	61.9	684.3	120.7	12.00	12.00	0.00
12,808.5	90.00	359.54	12,500.0	70.4	684.2	129.2	12.00	12.00	0.00
12,900.0	90.00	359.54	12,500.0	161.9	683.5	220.3	0.00	0.00	0.00
13,000.0	90.00	359.54	12,500.0	261.9	682.7	319.8	0.00	0.00	0.00
13,100.0	90.00	359.54	12,500.0	361.9	681.9	418.4	0.00	0.00	0.00
13,200.0	90.00	359.54	12,500.0	461.9	681.1	518.9	0.00	0.00	0.00



Planning Report

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Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,300.0	90.00	359.54	12,500.0	561.9	680.3	618.5	0.00	0.00	0.00
13,400.0	90.00	359.54	12,500.0	661.9	679.5	718.1	0.00	0.00	0.00
13,500.0	90.00	359.54	12,500.0	761.9	678.7	817.8	0.00	0.00	0.00
13,600.0	90.00	359.54	12,500.0	861.9	677.9	917.2	0.00	0.00	0.00
13,700.0	90.00	359.54	12,500.0	961.9	677.1	1,016.7	0.00	0.00	0.00
13,800.0	90.00	359.54	12,500.0	1,061.9	676.3	1,116.3	0.00	0.00	0.00
13,900.0	90.00	359.54	12,500.0	1,161.9	675.5	1,215.8	0.00	0.00	0.00
14,000.0	90.00	359.54	12,500.0	1,261.9	674.7	1,315.4	0.00	0.00	0.00
14,100.0	90.00	359.54	12,500.0	1,361.9	673.9	1,414.9	0.00	0.00	0.00
14,200.0	90.00	359.54	12,500.0	1,461.9	673.1	1,514.5	0.00	0.00	0.00
14,300.0	90.00	359.54	12,500.0	1,561.9	672.3	1,614.0	0.00	0.00	0.00
14,400.0	90.00	359.54	12,500.0	1,661.9	671.5	1,713.6	0.00	0.00	0.00
14,500.0	90.00	359.54	12,500.0	1,761.9	670.7	1,813.2	0.00	0.00	0.00
14,600.0	90.00	359.54	12,500.0	1,861.9	669.9	1,912.7	0.00	0.00	0.00
14,700.0	90.00	359.54	12,500.0	1,961.9	669.1	2,012.3	0.00	0.00	0.00
14,800.0	90.00	359.54	12,500.0	2,061.9	668.3	2,111.8	0.00	0.00	0.00
14,900.0	90.00	359.54	12,500.0	2,161.9	667.5	2,211.4	0.00	0.00	0.00
15,000.0	90.00	359.54	12,500.0	2,261.9	666.7	2,310.9	0.00	0.00	0.00
15,100.0	90.00	359.54	12,500.0	2,361.8	665.9	2,410.5	0.00	0.00	0.00
15,200.0	90.00	359.54	12,500.0	2,461.8	665.1	2,510.0	0.00	0.00	0.00
15,300.0	90.00	359.54	12,500.0	2,561.8	664.3	2,609.6	0.00	0.00	0.00
15,400.0	90.00	359.54	12,500.0	2,661.8	663.5	2,709.2	0.00	0.00	0.00
15,500.0	90.00	359.54	12,500.0	2,761.8	662.7	2,808.7	0.00	0.00	0.00
15,600.0	90.00	359.54	12,500.0	2,861.8	661.9	2,908.3	0.00	0.00	0.00
15,700.0	90.00	359.54	12,500.0	2,961.8	661.1	3,007.8	0.00	0.00	0.00
15,800.0	90.00	359.54	12,500.0	3,061.8	660.3	3,107.4	0.00	0.00	0.00
15,900.0	90.00	359.54	12,500.0	3,161.8	659.5	3,206.9	0.00	0.00	0.00
16,000.0	90.00	359.54	12,500.0	3,261.8	658.7	3,306.5	0.00	0.00	0.00
16,100.0	90.00	359.54	12,500.0	3,361.8	657.9	3,406.0	0.00	0.00	0.00
16,200.0	90.00	359.54	12,500.0	3,461.8	657.1	3,505.6	0.00	0.00	0.00
16,300.0	90.00	359.54	12,500.0	3,561.8	656.3	3,605.2	0.00	0.00	0.00
16,400.0	90.00	359.54	12,500.0	3,661.8	655.5	3,704.7	0.00	0.00	0.00
16,500.0	90.00	359.54	12,500.0	3,761.8	654.7	3,804.3	0.00	0.00	0.00
16,600.0	90.00	359.54	12,500.0	3,861.8	654.0	3,903.8	0.00	0.00	0.00
16,700.0	90.00	359.54	12,500.0	3,961.8	653.2	4,003.4	0.00	0.00	0.00
16,800.0	90.00	359.54	12,500.0	4,061.8	652.4	4,102.9	0.00	0.00	0.00
16,900.0	90.00	359.54	12,500.0	4,161.8	651.6	4,202.5	0.00	0.00	0.00
17,000.0	90.00	359.54	12,500.0	4,261.8	650.8	4,302.0	0.00	0.00	0.00
17,100.0	90.00	359.54	12,500.0	4,361.8	650.0	4,401.6	0.00	0.00	0.00
17,200.0	90.00	359.54	12,500.0	4,461.8	649.2	4,501.1	0.00	0.00	0.00
17,300.0	90.00	359.54	12,500.0	4,561.8	648.4	4,600.7	0.00	0.00	0.00
17,400.0	90.00	359.54	12,500.0	4,661.8	647.6	4,700.3	0.00	0.00	0.00
17,500.0	90.00	359.54	12,500.0	4,761.8	646.8	4,799.8	0.00	0.00	0.00
17,600.0	90.00	359.54	12,500.0	4,861.8	646.0	4,899.4	0.00	0.00	0.00
17,700.0	90.00	359.54	12,500.0	4,961.8	645.2	4,998.9	0.00	0.00	0.00
17,800.0	90.00	359.54	12,500.0	5,061.8	644.4	5,098.5	0.00	0.00	0.00
17,900.0	90.00	359.54	12,500.0	5,161.8	643.6	5,198.0	0.00	0.00	0.00
18,000.0	90.00	359.54	12,500.0	5,261.8	642.8	5,297.6	0.00	0.00	0.00
18,100.0	90.00	359.54	12,500.0	5,361.8	642.0	5,397.1	0.00	0.00	0.00
18,200.0	90.00	359.54	12,500.0	5,461.7	641.2	5,496.7	0.00	0.00	0.00
18,300.0	90.00	359.54	12,500.0	5,561.7	640.4	5,596.3	0.00	0.00	0.00
18,400.0	90.00	359.54	12,500.0	5,661.7	639.6	5,695.8	0.00	0.00	0.00
18,500.0	90.00	359.54	12,500.0	5,761.7	638.8	5,795.4	0.00	0.00	0.00
18,600.0	90.00	359.54	12,500.0	5,861.7	638.0	5,894.9	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Colgrove 35 Fed Com
 Well: #702H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
 TVD Reference: KB = 25 @ 3343.0usft
 MD Reference: KB = 25 @ 3343.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
18,700.0	90.00	359.54	12,500.0	6,861.7	637.2	5,994.6	0.00	0.00	0.00
18,800.0	90.00	359.54	12,500.0	6,061.7	636.4	6,094.0	0.00	0.00	0.00
18,900.0	90.00	359.54	12,500.0	6,161.7	635.6	6,193.6	0.00	0.00	0.00
19,000.0	90.00	359.54	12,500.0	6,261.7	634.8	6,293.1	0.00	0.00	0.00
19,100.0	90.00	359.54	12,500.0	6,361.7	634.0	6,392.7	0.00	0.00	0.00
19,200.0	90.00	359.54	12,500.0	6,461.7	633.2	6,492.3	0.00	0.00	0.00
19,300.0	90.00	359.54	12,500.0	6,561.7	632.4	6,591.8	0.00	0.00	0.00
19,400.0	90.00	359.54	12,500.0	6,661.7	631.6	6,691.4	0.00	0.00	0.00
19,500.0	90.00	359.54	12,500.0	6,761.7	630.8	6,790.9	0.00	0.00	0.00
19,600.0	90.00	359.54	12,500.0	6,861.7	630.0	6,890.5	0.00	0.00	0.00
19,700.0	90.00	359.54	12,500.0	6,961.7	629.2	6,990.0	0.00	0.00	0.00
19,800.0	90.00	359.54	12,500.0	7,061.7	628.4	7,089.6	0.00	0.00	0.00
19,900.0	90.00	359.54	12,500.0	7,161.7	627.6	7,189.1	0.00	0.00	0.00
19,979.3	90.00	359.54	12,500.0	7,241.0	627.0	7,268.1	0.00	0.00	0.00

PBHL(Colgrove 35 FC #702H)

Design Targets

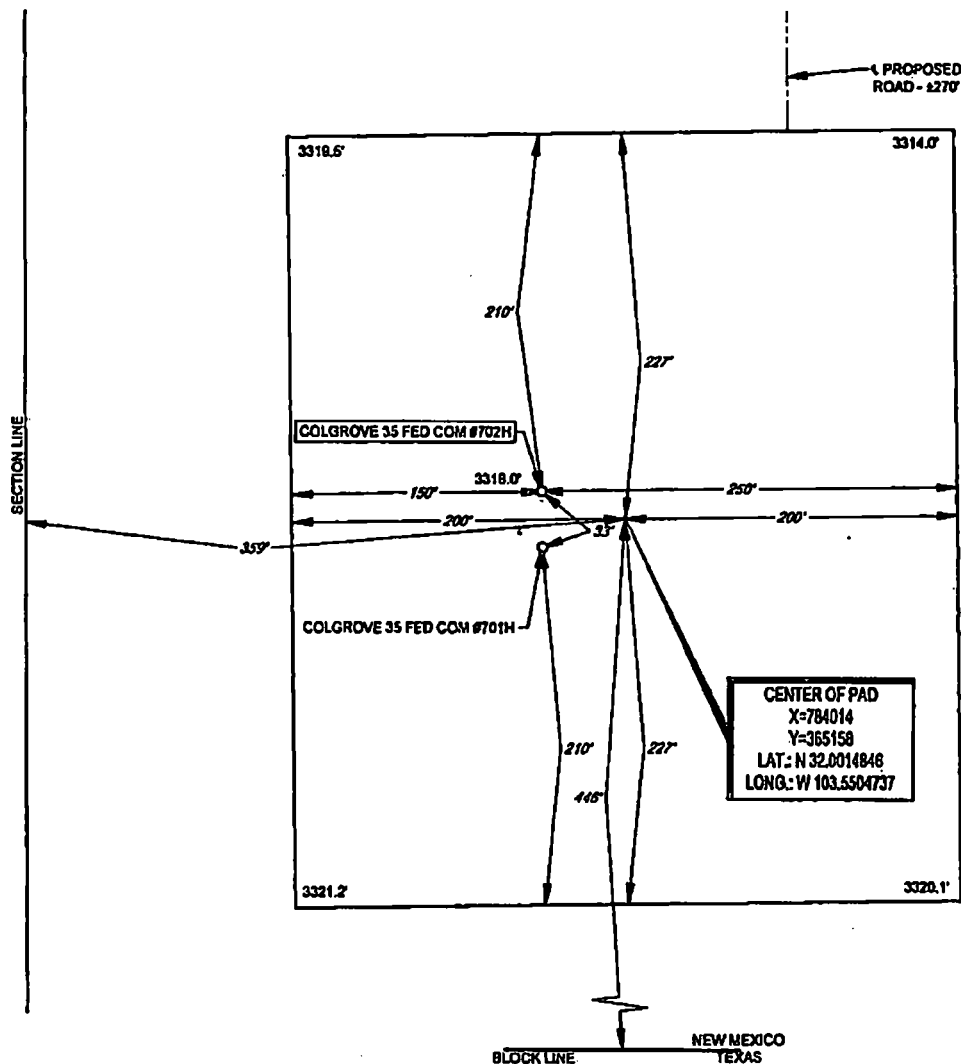
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N-S (usft)	+E-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP(Colgrove 35 FC #7 - hit/miss target - Shape - Point)	0.00	0.00	12,022.5	-407.0	688.0	384,767.00	784,652.00	32° 0' 1.428 N	103° 32' 54.330 W
FTP(Colgrove 35 FC #71 - plan misses target center by 163.4usft at 12459.0usft MD (12377.6 TVD, -248.7 N, 686.7 E) - Point)	0.00	0.00	12,500.0	-357.0	688.0	364,817.00	784,652.00	32° 0' 1.922 N	103° 32' 54.326 W
PBHL(Colgrove 35 FC # - plan hits target center - Point)	0.00	0.00	12,500.0	7,241.0	627.0	372,416.00	784,591.00	32° 1' 17.113 N	103° 32' 54.394 W



EXHIBIT 2B

SECTION 35, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

DETAIL VIEW
SCALE: 1" = 100'



LEASE NAME & WELL NO.: COLGROVE 35 FED COM #702H
#702H LATITUDE N 32.0015290 #702H LONGITUDE W 103.5508350

LEGEND

- PROPOSED ROAD
- SECTION LINE
- BLOCK LINE

SCALE: 1" = 100'

0' 50' 100'

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1927, EAST ZONE, U.S. SURVEY FEET.

THIS PROPOSED PAD SITE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, SUITE 140 - FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX: (817) 744-7534
2101 NORTH BLO SPRING • ARLAND, TEXAS 75005
TELEPHONE: (432) 882-1653 OR (800) 787-1653 • FAX: (432) 882-1743
WWW.TOPOGRAPHIC.COM

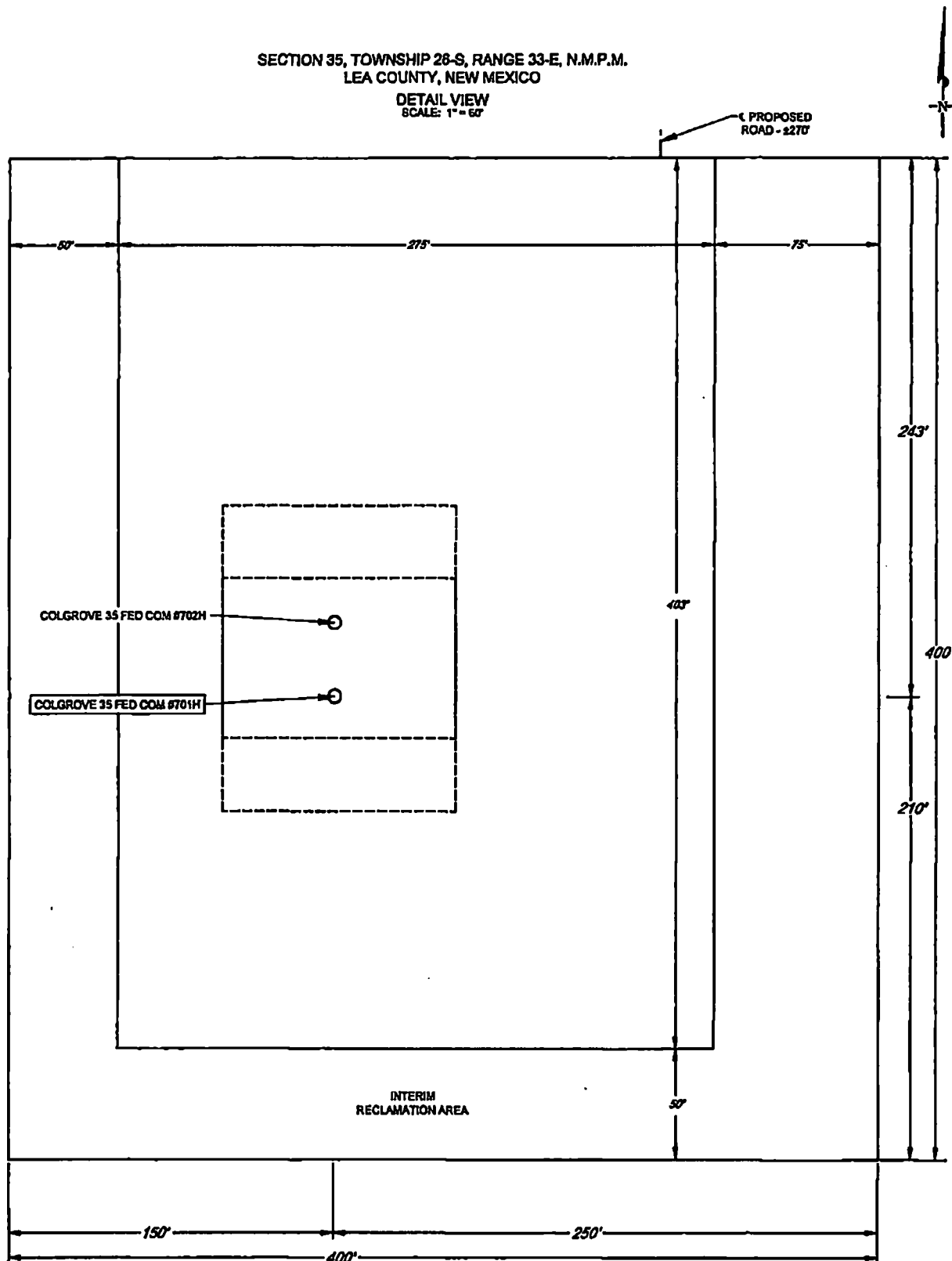
ORIGINAL DOCUMENT SIZE: 8.5" X 11"

8: SURVEYED TO MIDLAND COLGROVE 35 FED COM FINAL PRODUCTS TO COLGROVE 35 FED COM 702H REV 6.DWG 2/1/2010 9:44:27 AM b2w2m

EXHIBIT 2C
RECLAMATION AND FACILITY DIAGRAM - PRODUCTION FACILITIES DIAGRAM

SECTION 35, TOWNSHIP 28-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

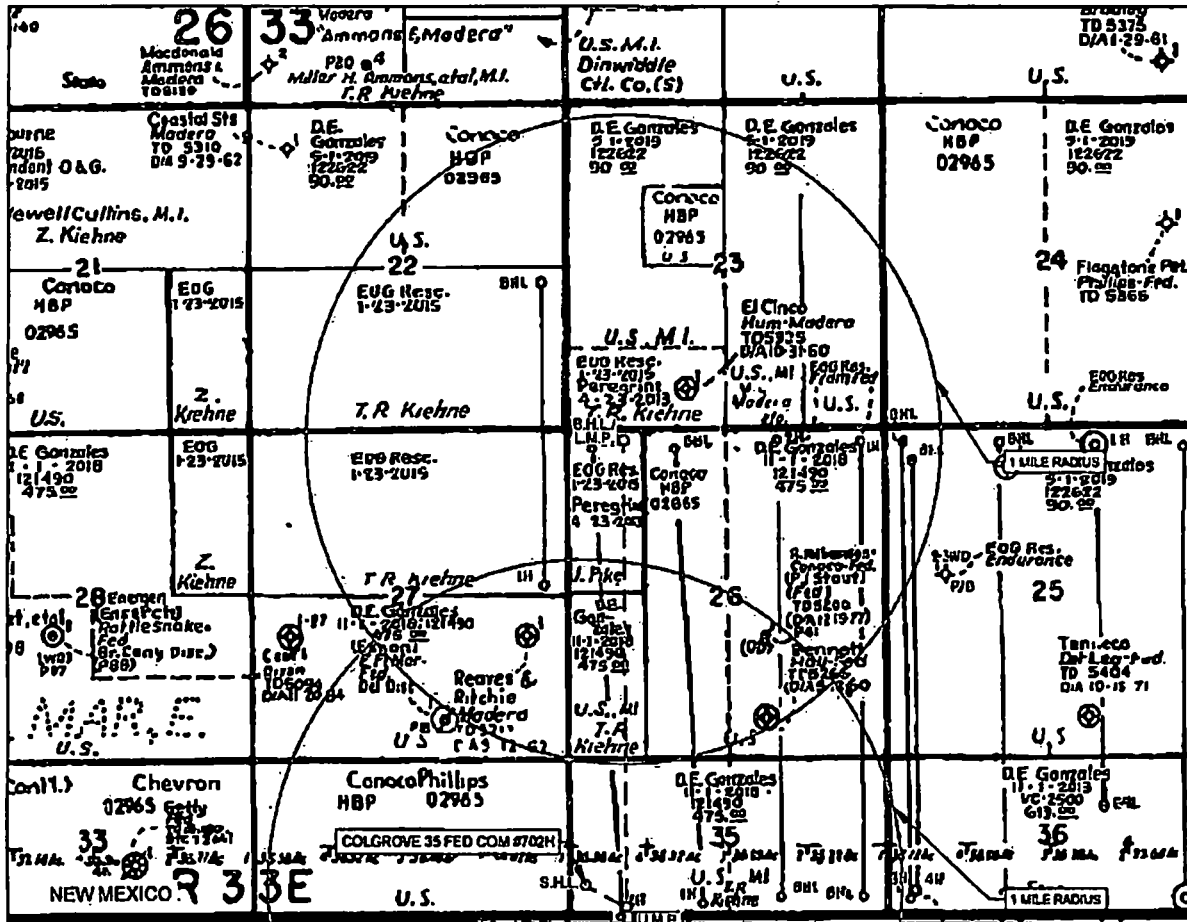
DETAIL VIEW
SCALE: 1" = 60'



LEASE NAME & WELL NO.: COLGROVE 35 FED COM #701H
#701H LATITUDE N 32.0014383 #701H LONGITUDE W 103.5508350

EXHIBIT 3

SECTION 35, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



TEXAS

LEASE NAME & WELL NO.: COLGROVE 35 FED COM #702H

#702H LATITUDE N 32.0015280

#702H LONGITUDE W 103.5508350

SCALE: NTS

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1977, EAST ZONE, U.S. SURVEY FEET.

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EDG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.



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WWW.TOPOGRAPHIC.COM