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., Sante 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.
Sante Fe, NM 87505

HOBBS OCD
MAY 09 2016
RECEIVED

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	[2]Pool Code	[3]Pool Name
30-025- 43227	98097	WC-025 G-09 S263327G; Upper Wolfcamp

[4]Property Code	[5]Property Name	[6]Well Number
38129	ENDURANCE 36 STATE COM	#705H

[7]OGRID No.	[8]Operator Name	[9]Elevation
7377	EOG RESOURCES, INC.	3337'

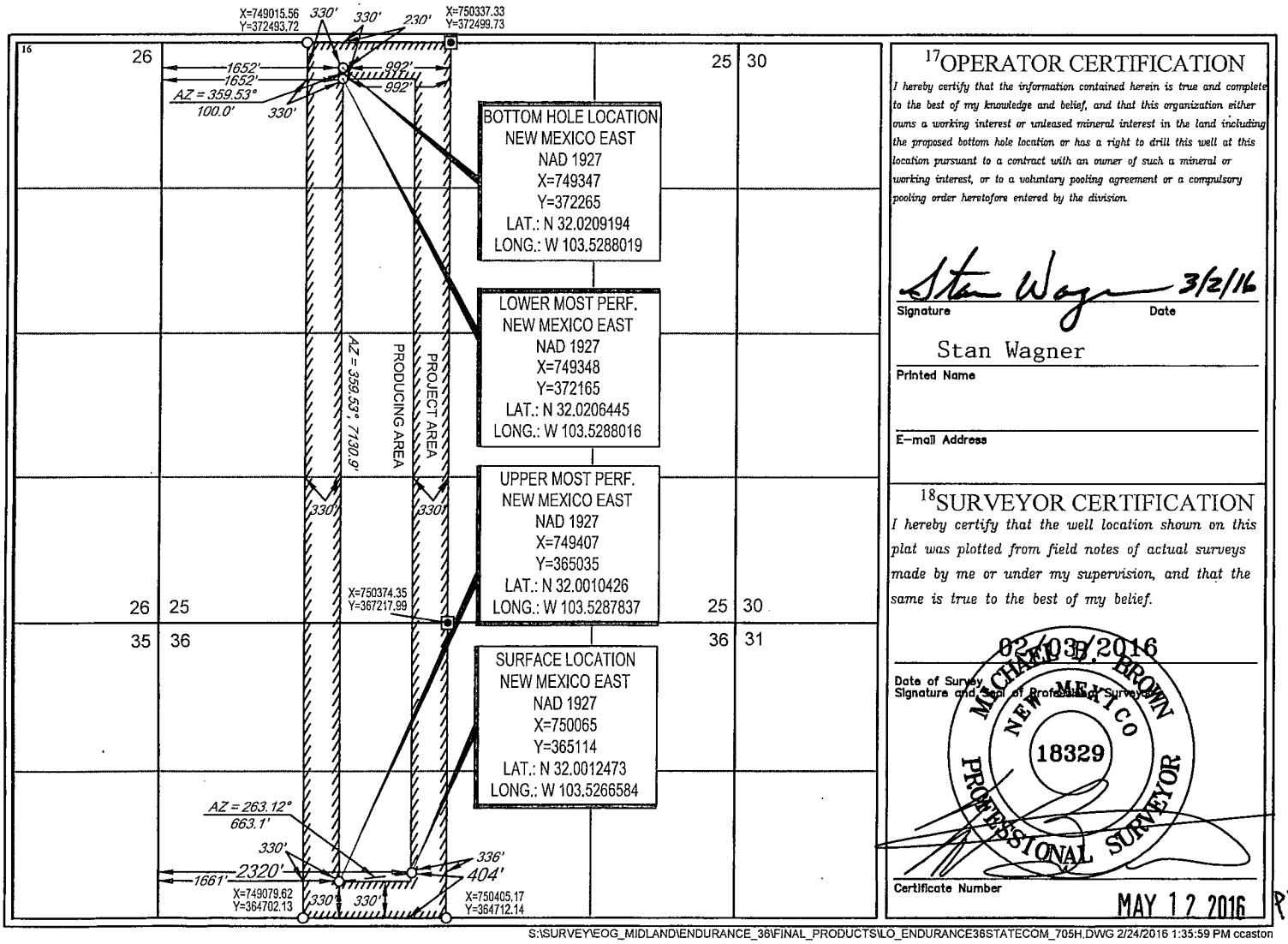
[10]Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	36	26-S	33-E	3	404'	SOUTH	2320'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	25	26-S	33-E	–	230'	NORTH	1652'	WEST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
236.50 94			

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.



[17]OPERATOR 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 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Stan Wagner 3/2/16
Signature Date

Stan Wagner
Printed Name

E-mail Address

[18]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 to the best of my belief.

02/03/2016
Date of Survey
Signature and Seal of Professional Surveyor

MICHAEL BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR

Certificate Number

MAY 12 2016

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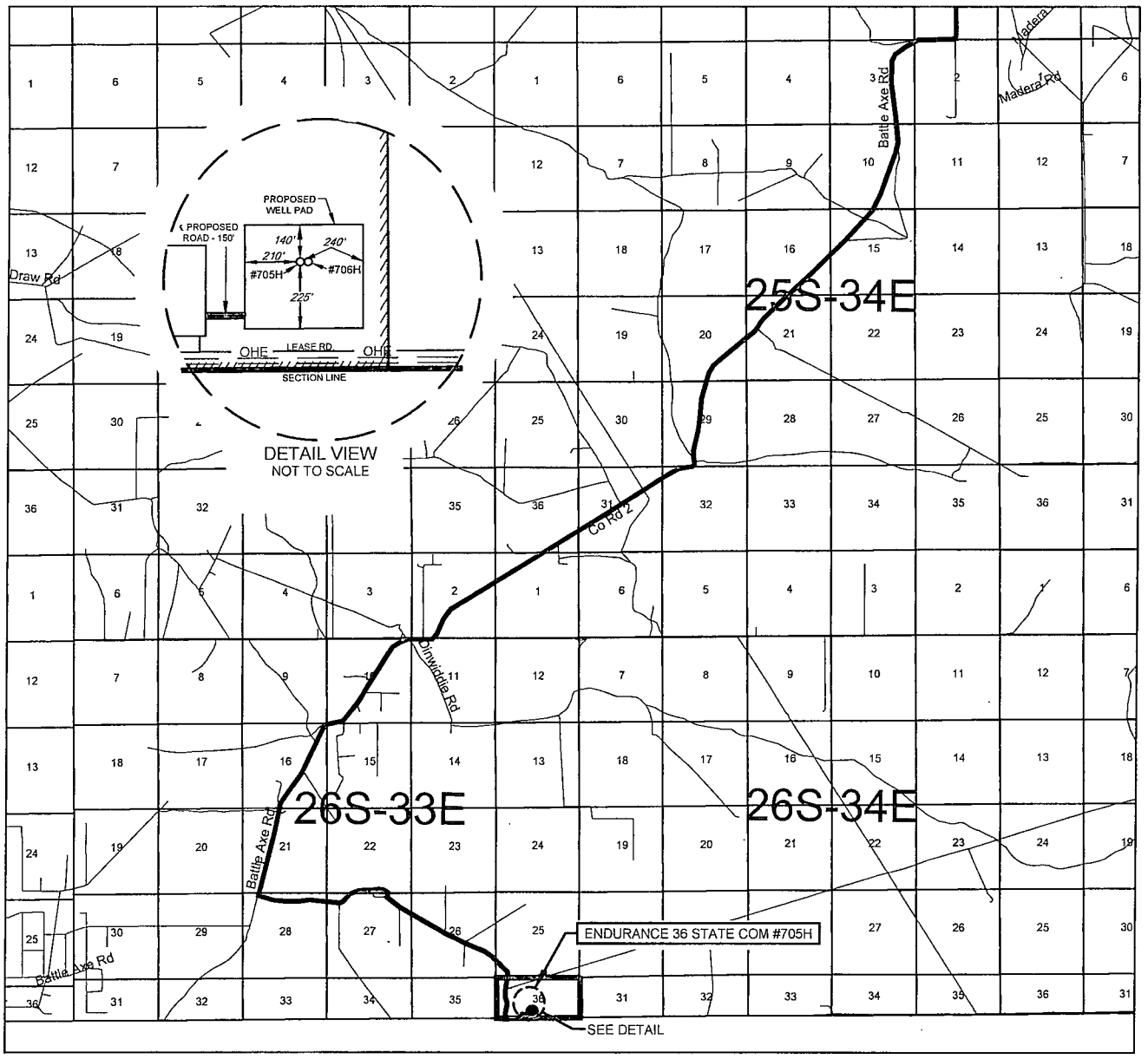
EXHIBIT 2

VICINITY MAP



eog resources, inc.

LEASE NAME & WELL NO.: ENDURANCE 36 STATE COM #705H

SECTION 36 TWP 26-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 404' FSL & 2320' FWL

DISTANCE & DIRECTION FROM INT. OF NM-18 N & NM-128, GO WEST ON NM-128 W ±14.1 MILES, THENCE SOUTHWEST (LEFT) ON CR. 2 / BATTLE AXE RD. ±17.2 MILES, THENCE EAST (LEFT) ON LEASE RD. ±1.0 MILE, THENCE EAST (LEFT) ON LEASE RD. ±3.0 MILES, THENCE EAST (LEFT) ON LEASE RD. ±0.3 MILES, THENCE NORTH (LEFT) ON PROPOSED RD. ±250 FEET THENCE EAST (RIGHT) ON PROPOSED ROAD ±530 TO A POINT ±300 SOUTHWEST OF THE LOCATION.

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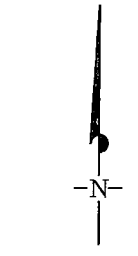

SCALE: 1" = 10000'

0' 5000' 10000'

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
1400 EVERMAN PARKWAY, Ste. 197 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7548
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
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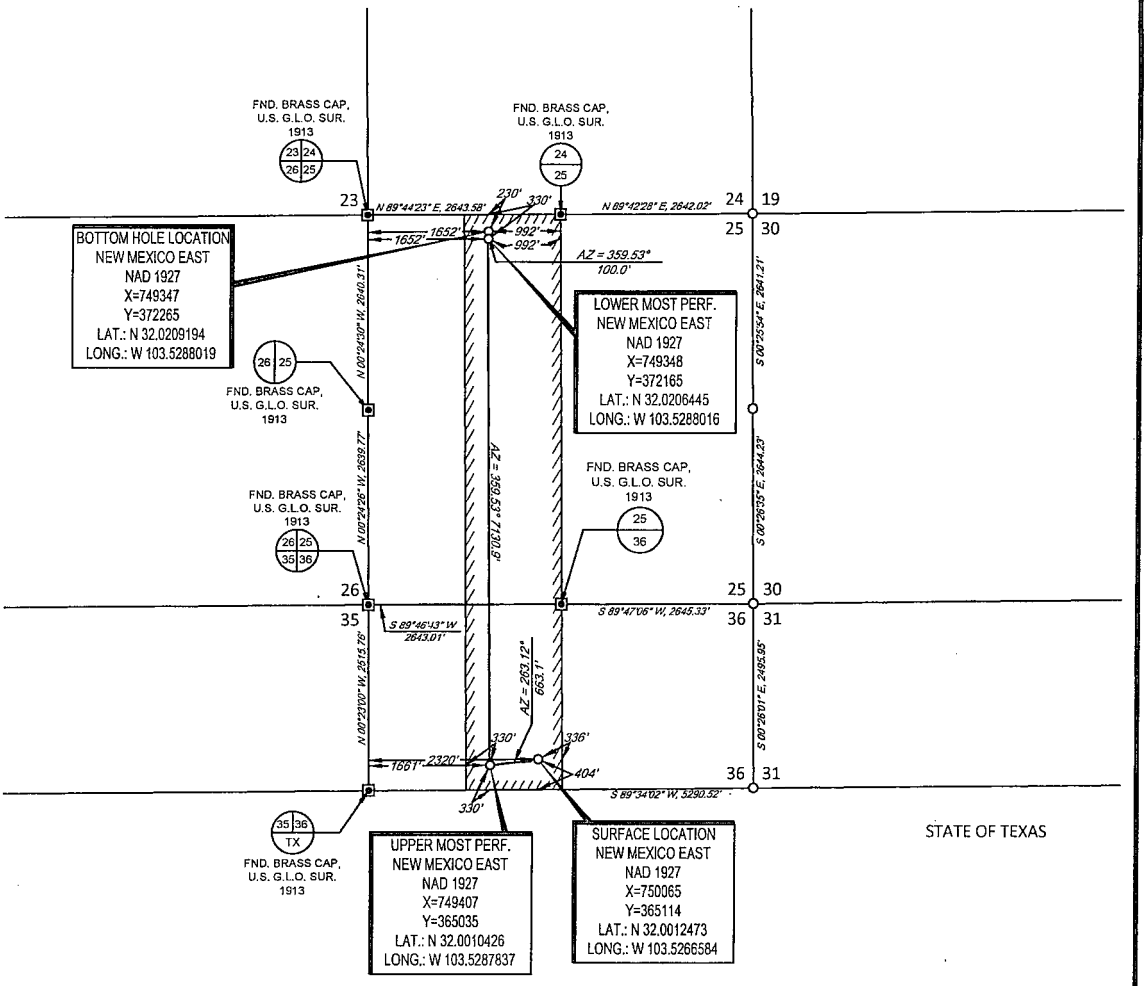
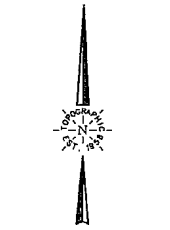
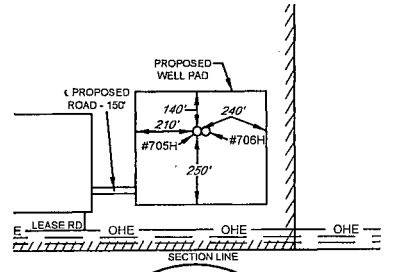
eog resources, inc.

EXHIBIT 2A

SECTION 36, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO







DETAIL VIEW
SCALE: 1" = 500'

LEASE NAME & WELL NO.: ENDURANCE 36 STATE COM #705H

SECTION 36 TWP 26-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 404' FSL & 2320' FWL

DISTANCE & DIRECTION FROM INT. OF NM-18 N & NM-128, GO WEST ON NM-128 W ±14.1 MILES, THENCE SOUTHWEST (LEFT) ON CR. 2 / BATTLE AXE RD. ±17.2 MILES, THENCE EAST (LEFT) ON LEASE RD. ±1.0 MILE, THENCE EAST (LEFT) ON LEASE RD. ±3.0 MILES, THENCE EAST (LEFT) ON LEASE RD. ±0.3 MILES, THENCE NORTH (LEFT) ON PROPOSED RD. ±250 FEET THENCE EAST (RIGHT) ON PROPOSED ROAD ±530 TO A POINT ±300 SOUTHWEST OF THE LOCATION.

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Michael Blake Brown, P.S. No. 18329
JUNE 10, 2015

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2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
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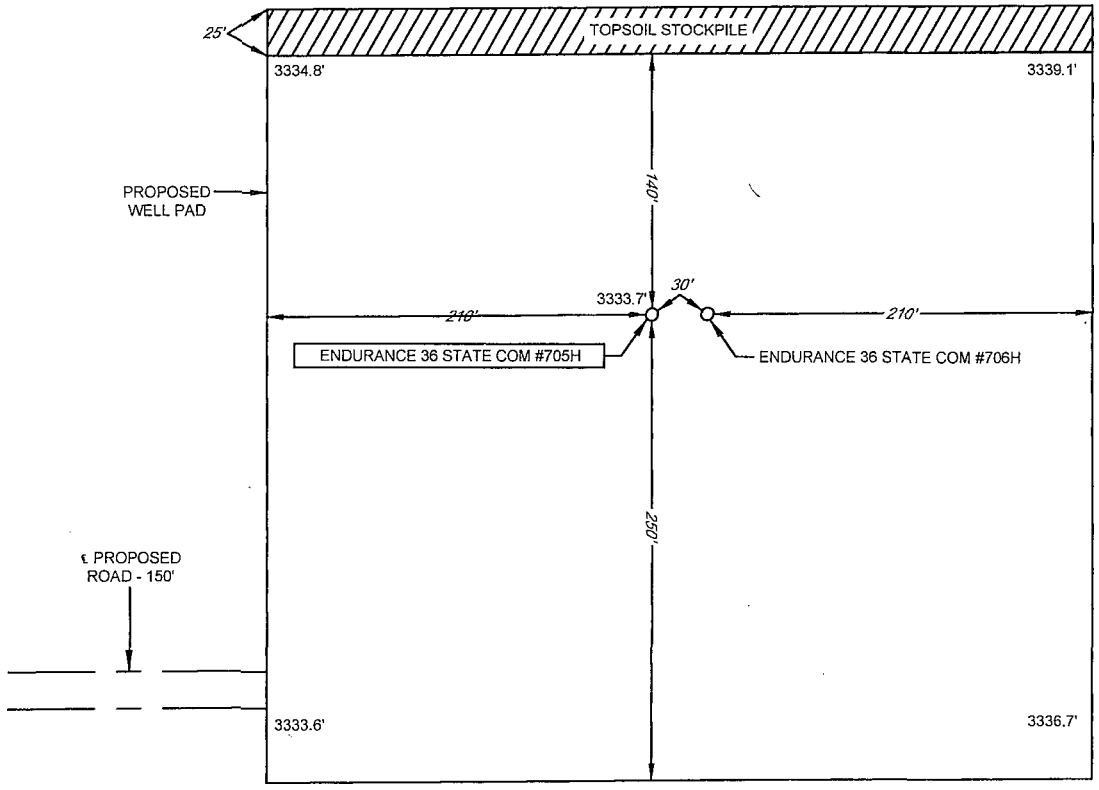
EXHIBIT 2B

eog resources, Inc.

SECTION 36, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

DETAIL VIEW
SCALE: 1" = 100'



OHE OHE OHE OHE OHE OHE OHE OHE OHE OHE

LEASE RD.

SECTION LINE

LEASE NAME & WELL NO.: ENDURANCE 36 STATE COM #705H

#705H LATITUDE N 32.0012473 #705H LONGITUDE W 103.5266584

LEGEND

- EXISTING ROAD
- SECTION LINE
- OHE OVERHEAD ELECTRIC
- PROPOSED ROAD

N

SCALE: 1" = 100'

0' 50' 100'

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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.

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WWW.TOPOGRAPHIC.COM

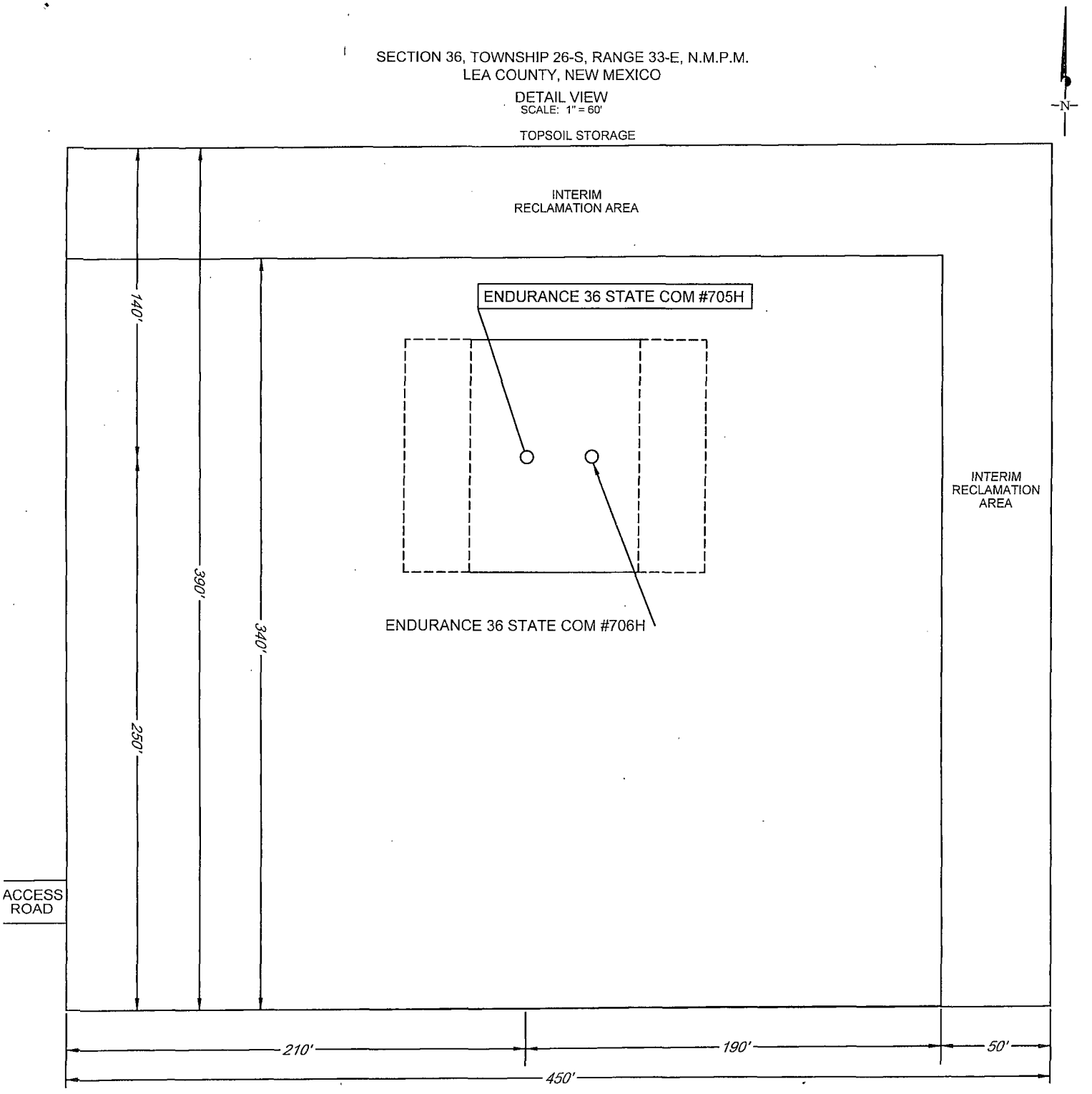
ORIGINAL DOCUMENT SIZE: 8.5" X 11"

EXHIBIT 2C

RECLAMATION AND FACILITY DIAGRAM - PRODUCTION FACILITIES DIAGRAM

SECTION 36, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

DETAIL VIEW
SCALE: 1" = 60'



LEASE NAME & WELL NO.: ENDURANCE 36 STATE COM #705H

#705H LATITUDE N 32.0012473 #705H LONGITUDE W 103.5266584

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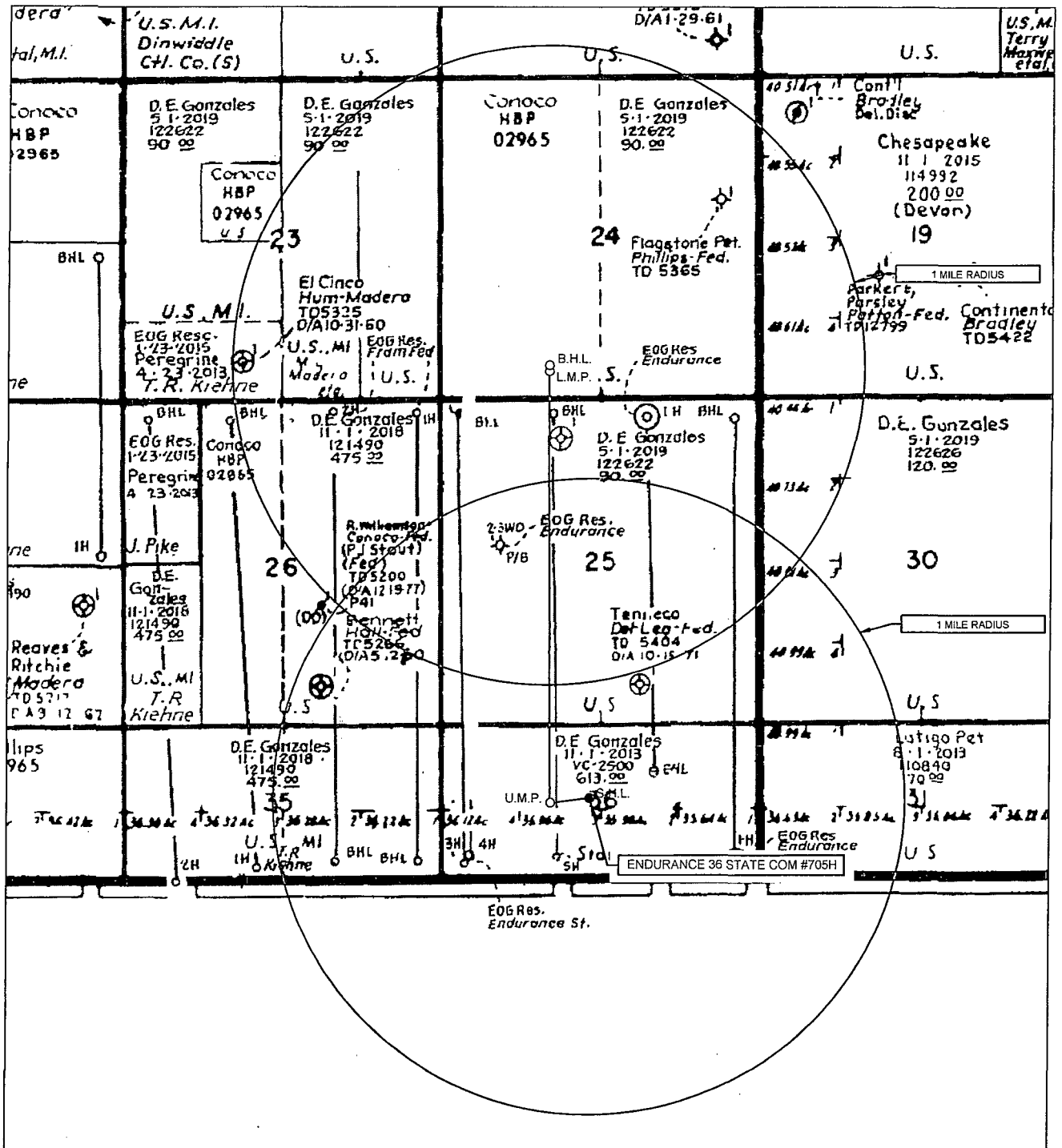
EXHIBIT 3

SECTION 36, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

eog resources, inc.



LEASE NAME & WELL NO.: ENDURANCE 36 STATE COM #705H

SCALE: NTS

#705H LATITUDE N 32.0012473 #705H LONGITUDE W 103.5266584

-N-

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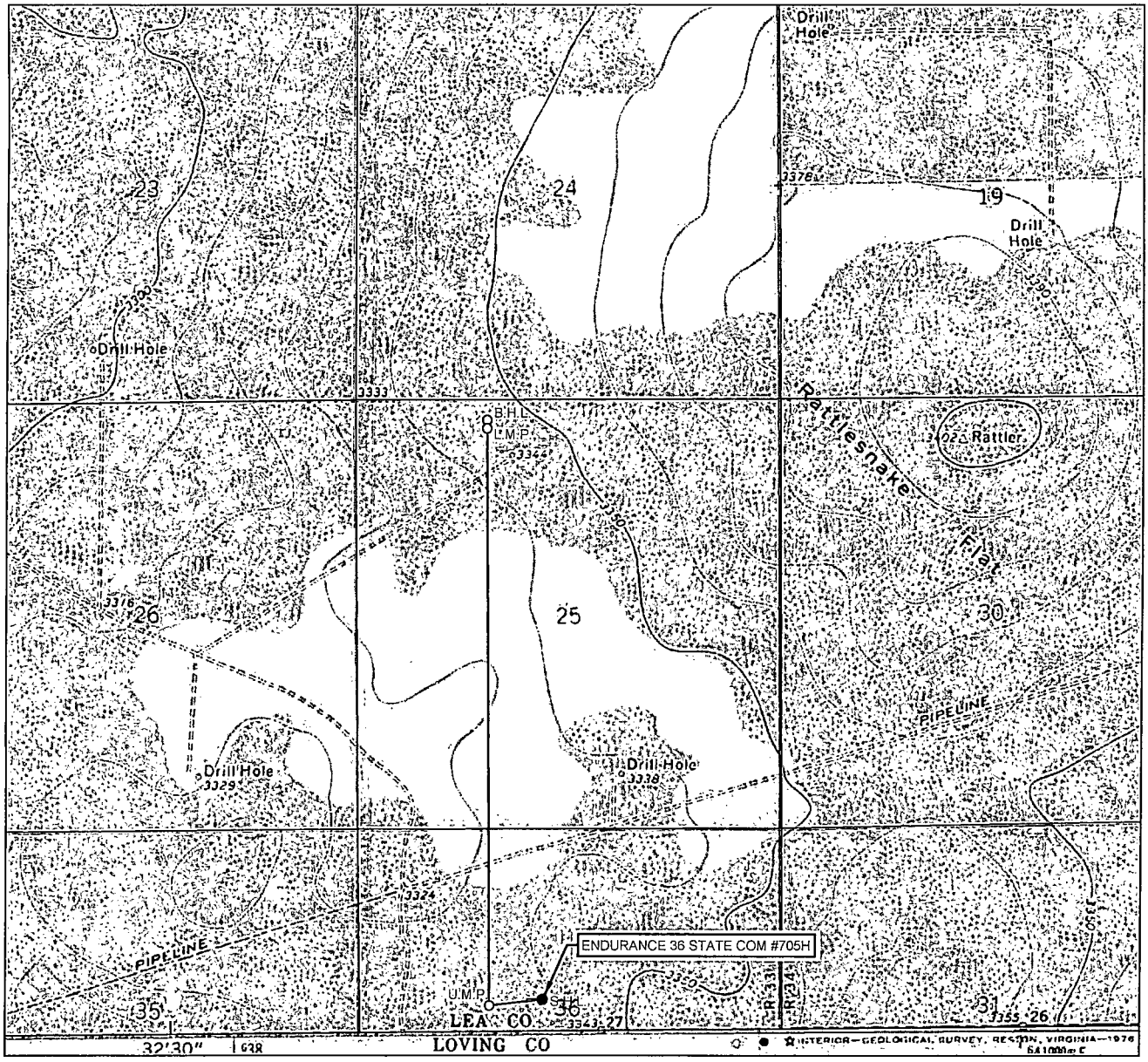
LOCATION & ELEVATION VERIFICATION MAP



eog resources, inc.

LEASE NAME & WELL NO.: ENDURANCE 36 STATE COM #705H

SECTION 36 TWP 26-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3337'
DESCRIPTION 404' FSL & 2320' FWL

LATITUDE N 32.0012473 LONGITUDE W 103.5266584

-N-

SCALE: 1" = 2000'
0' 1000' 2000'

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EXHIBIT 5

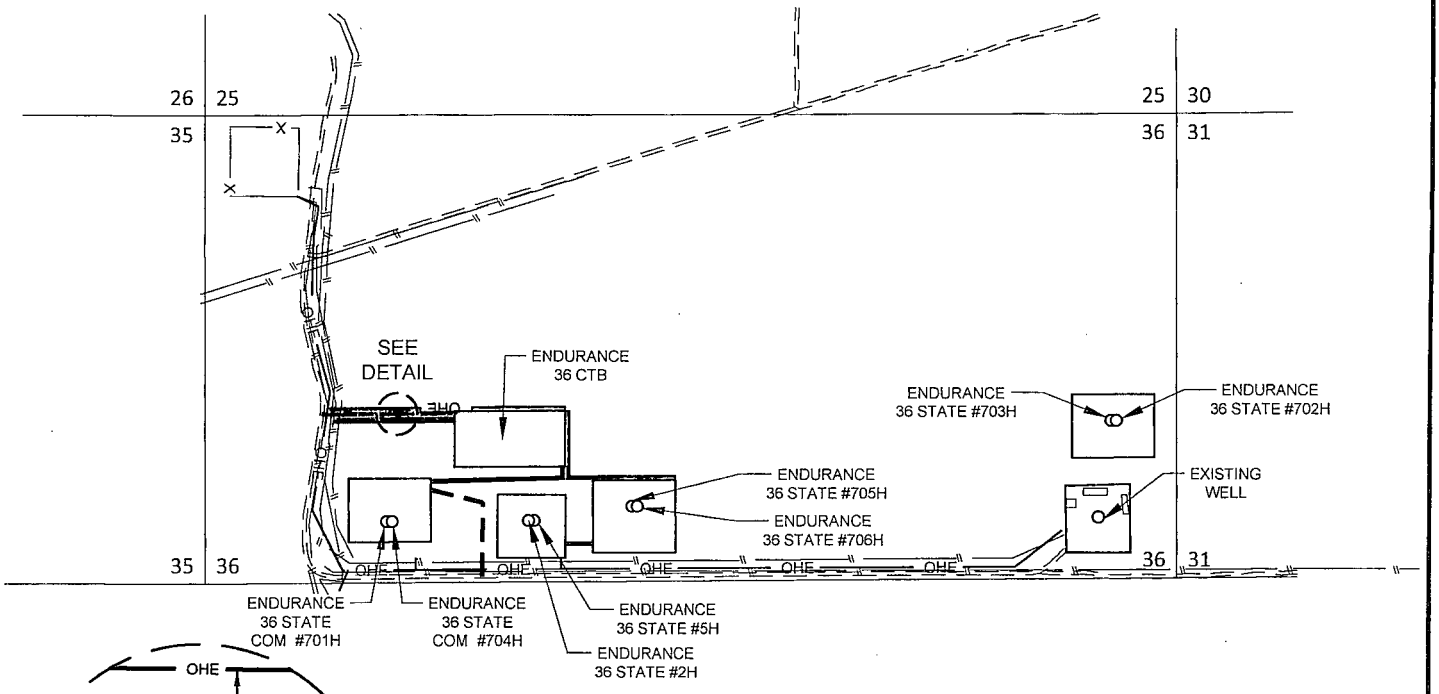
SECTION 36, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

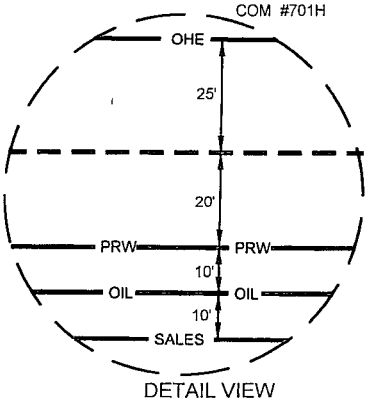
ENDURANCE 36
OVERALL SKETCH

-N-

SCALE: 1" = 1000'

0' 500' 1000'





DETAIL VIEW
NOT TO SCALE

OHE — PROPOSED OVERHEAD ELECTRIC
-TOTAL FOOTAGES ..... 1295 FT

PROPOSED ROAD
-TOTAL FOOTAGES..... 1559 FT

ENDURANCE 36 STATE COM 701H/704H
PROPOSED ROAD ..... 686 FT

ENDURANCE 36 STATE COM 2H/5H TO 705H-706H
PROPOSED ROAD ..... 150 FT

ENDURANCE 36 STATE CTB
PROPOSED ROAD ..... 723 FT

GAS — PROPOSED FLOWLINES- 2 4" POLY FLOWLINES AND 2 4" FLEX STEEL GAS INJECTION LINES
-TOTAL FOOTAGES..... 1722 FT

OIL — PROPOSED 8" OIL
-TOTAL FOOTAGES ..... 643 FT

PRW — PROPOSED 12" WATER
-TOTAL FOOTAGES..... 629 FT

SALES — PROPOSED 16" GAS
-TOTAL FOOTAGES..... 662 FT

eog resources, Inc.

ENDURANCE 36 OVERALL SKETCH	REVISION:	
	INT	DATE
DATE: 02/25/16		
FILE: SK_ENDURANCE36_INFRASTRUCTURE		
DRAWN BY: GLH		
SHEET : 1 OF 1		

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EC

EOG RESOURCES, INC.
ENDURANCE 36 STATE COM NO. 705H

1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Rustler	870'
Top of Salt	1,210'
Base of Salt / Top Anhydrite	4,850'
Base Anhydrite	5,090'
Lamar	5,090'
Bell Canyon	5,115'
Cherry Canyon	6,130'
Brushy Canyon	7,765'
Bone Spring Lime	9,300'
1st Bone Spring Sand	10,270'
2nd Bone Spring Shale	10,450'
2nd Bone Spring Sand	10,765'
3rd Bone Spring Carb	11,280'
3rd Bone Spring Sand	11,890'
Wolfcamp	12,360'
TD	12,530'

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Upper Permian Sands	0- 400'	Fresh Water
Cherry Canyon	6,130'	Oil
Brushy Canyon	7,765'	Oil
1st Bone Spring Sand	10,270'	Oil
2nd Bone Spring Shale	10,450'	Oil
2nd Bone Spring Sand	11,765'	Oil
3rd Bone Spring Carb	11,280'	Oil
3rd Bone Spring Sand	11,890'	Oil
Wolfcamp	12,360'	Oil

No other Formations are expected to give up oil, gas or fresh water in measurable quantities. Surface fresh water sands will be protected by setting 10.75" casing at 895' and circulating cement back to surface.

4. CASING PROGRAM - NEW

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF_{min} Collapse	DF_{min} Burst	DF_{min} Tension
14.75"	0 – 895'	10.75"	40.5#	J55	STC	1.125	1.25	1.60
9.875"	0-8,000'	7.625"	29.7#	HCP-110	LTC	1.125	1.25	1.60
8.75"	8,000' – 10,800'	7.625"	29.7#	HCP-110	Ultra FJ	1.125	1.25	1.60
6.75"	0'-19,829'	5.5"	23#	HCP-110	ULT SFII	1.125	1.25	1.60

SEE COA

Variance is requested to wave the centralizer requirements for the 7-5/8" FJ casing in the 8-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" hole interval to maximize cement bond and zonal isolation. Centralizers will be placed in the 9-7/8" hole interval at least one every third joint.

SEE COA

Variance is also requested to wave any centralizer requirements for the 5-1/2" FJ casing in the 6-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

Cementing Program: SEE COA

Depth	No. Sacks	Wt. ppg	Yld Ft^3/ft	Mix Water Gal/sk	Slurry Description
10-3/4" 895	325	13.5	1.73	9.13	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% $CaCl_2$ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	200	14.8	1.34	6.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
7-5/8" 10,800'	750	9.0	2.50	9.06	Class C + 0.6% ASM-3 + 0.15% CDF-4P + 0.6% LTR + 0.5% SCA-6 + 0.13 pps LCL-11 + 0.13 pps LDP-c-0215
	500	12.5	1.71	9.06	Class C + 0.6% LTR + 0.5% SCA-6 + 0.6% ASM-3 + 0.15% CDF-4P + 0.13% LCL-11 + 0.13% LCF-7
	250	15.6	1.19	5.20	Class H + 0.2% ASM-3 + 0.3% SCA-6 + 0.65% LTR + 0.3% SPC-2
5-1/2" 19,829'	725	14.1	1.26	5.80	Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17

LOW CEMENT SEE COA

Note: Cement volumes based on bit size plus at least 25% excess in the open hole plus 10% excess in the cased-hole overlap section.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

SEE COA

Variance is requested to use a co-flex line between the BOP and choke manifold (instead of using a 4" OD steel line).

The minimum blowout preventer equipment (BOPE) shown in Exhibit #1 will consist of a single ram, mud cross and double ram-type (10,000 psi WP) preventer and an annular preventer (5000-psi WP). Both units will be hydraulically operated and the ram-type will be equipped with blind rams on bottom and drill pipe rams on top. All BOPE will be tested in accordance with Onshore Oil & Gas order No. 2.

Before drilling out of the surface casing, the ram-type BOP and accessory equipment will be tested to 5000/ 250 psig and the annular preventer to 5000/ 250 psig. The surface casing will be tested to 1500 psi for 30 minutes.

Before drilling out of the intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000/ 250 psig and the annular preventer to 5000/ 250 psig. The intermediate casing will be tested to 2000 psi for 30 minutes.

Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets.

A hydraulically operated choke will be installed prior to drilling out of the intermediate casing shoe.

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

During this procedure we plan to use a Closed-Loop System and haul contents to the required disposal.

The applicable depths and properties of the drilling fluid systems are as follows.

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 895'	Fresh - Gel	8.6-8.8	28-34	N/c
895' – 10,800'	Brine	8.8-10.0	28-34	N/c
10,800' – 19,829' Lateral	Oil Base	10.0-11.5	58-68	3 - 6

An electronic pit volume totalizer (PVT) will be utilized on the circulating system, to monitor pit volume, flow rate, pump pressure and stroke rate.

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

(A) A kelly cock will be kept in the drill string at all times.

(B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.

(C) H_2S monitoring and detection equipment will be utilized from surface casing point to TD.

8. LOGGING, TESTING AND CORING PROGRAM:

SEE COA

Open-hole logs are not planned for this well.

GR–CCL Will be run in cased hole during completions phase of operations.

SEE COA

9. ABNORMAL CONDITIONS, PRESSURES, TEMPERATURES AND POTENTIAL HAZARDS:

The estimated bottom-hole temperature (BHT) at TD is 182 degrees F with an estimated maximum bottom-hole pressure (BHP) at TD of 7492 psig. No hydrogen sulfide or other hazardous gases or fluids have been encountered, reported or are known to exist at this depth in this area. Severe loss circulation is expected from 7,300' to Intermediate casing point.

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

The drilling operation should be finished in approximately one month. If the well is productive, an additional 60-90 days will be required for completion and testing before a decision is made to install permanent facilities.

11. WELLHEAD:

SEE COA

A multi-bowl wellhead system will be utilized.

After running the 10-3/4" surface casing, a 13-5/8" BOP/BOPE system with a minimum working pressure of 5000 psi will be installed on the wellhead system and will be pressure tested to 250 psi low followed by a 5000 psi pressure test. This pressure test will be repeated at least every 30 days, as per Onshore Order No. 2

The minimum working pressure of the BOP and related BOPE required for drilling below the surface casing shoe shall be 5000 psi.

The multi-bowl wellhead will be installed by vendor's representative(s). A copy of the installation instructions for the Stream Flo FBD100 Multi-Bowl WH system has been sent to the NM BLM office in Carlsbad, NM.

The wellhead will be installed by a third party welder while being monitored by WH vendor's representative.

All BOP equipment will be tested utilizing a conventional test plug. Not a cup or J-packer type.

A solid steel body pack-off will be utilized after running and cementing the intermediate casing. After installation the pack-off and lower flange will be pressure tested to 5000 psi. Prior to running the intermediate casing, the rams will be changed out to accommodate the 7-5/8" casing. The bonnet seals will be tested to 1500 psi. After installing the intermediate casing the casing rams will be removed and replaced with variable bore rams. The remaining BOPE will not be retested after installing the intermediate casing.

SEE COA

Both the surface and intermediate casing strings will be tested as per Onshore Order No. 2 to at least 0.22 psi/ft or 1500 psi, whichever is greater.

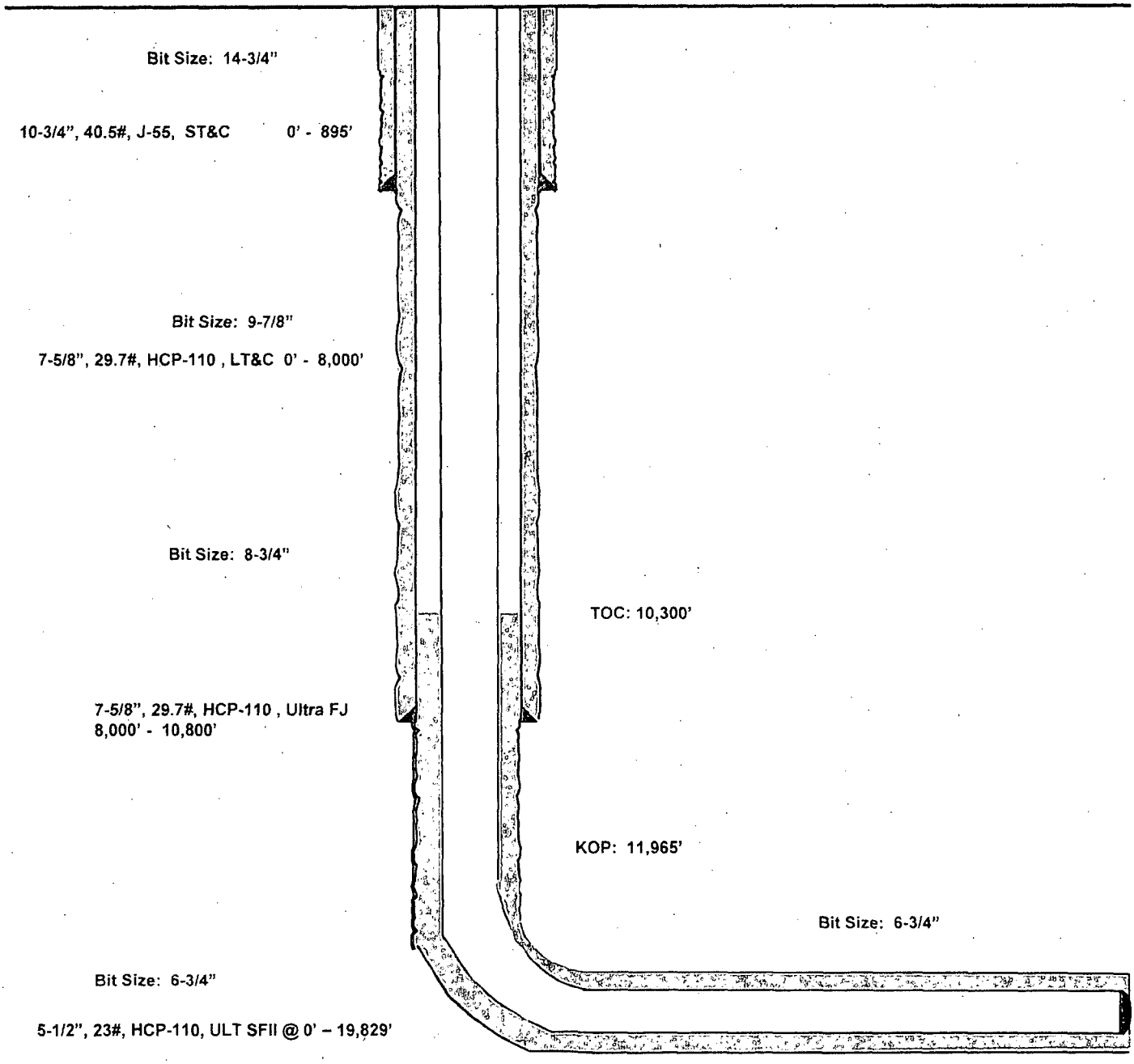
Wellhead drawing Attached.

Endurance 36 State Com #705H

404' FSL
2320' FWL
Section 36
T-26-S, R-33-E

Lea County, New Mexico
Proposed Wellbore
Revised 4/6/16
API: 30-025-*****

KB: 3,367'
GL: 3,337'



Lateral: 19,829' MD, 12,530' TVD
Upper Most Perf:
330' FSL & 1661' FWL Sec. 36
Lower Most Perf:
330' FNL & 1652' FWL Sec. 25
BH Location: 230' FNL & 1652' FWL
Section 25
T-26-S, R-33-E

eog resources

Lea County, NM (NAD 27 NME)

Endurance 36 State Com #705H

Precision 612

Plan #.01

PROJECT DETAILS: Lea County, NM (NAD 27 NME)	
Geodetic System:	US State Plane 1927 (Exact solution)
Datum:	NAD 1927 (NADCON CONUS)
Ellipsoid:	Clarke 1866
Zone:	New Mexico East 3001
System Datum:	Mean Sea Level

Azimuths to Grid North
True North: -0.43°
Magnetic North: 6.63°

Magnetic Field
Strength: 47945.1snT
Dip Angle: 59.88°
Date: 2/25/2016
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.63°
To convert a Magnetic Direction to a True Direction, Add 7.06° East
To convert a True Direction to a Grid Direction, Subtract 0.43°

WELL DETAILS: #705H

Ground Level: 3337.0
KB = 25' @ 3362.0usft (Precision 612)

Northing	Easting	Latitude	Longitude
365114.00	750065.00	32° 0' 4.490 N	103° 31' 35.973 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4500.0	0.00	0.00	4500.0	0.0	0.0	0.00	0.00	0.0	
3	5061.3	5.61	239.50	5060.4	-13.9	-23.7	1.00	239.50	-11.5	
4	11965.2	5.61	239.50	11931.2	-356.6	-605.5	0.00	0.00	-294.3	
5	12893.2	90.00	359.53	12530.0	215.2	-661.1	10.00	119.91	280.2	
6	19829.2	90.00	359.53	12530.0	7151.0	-718.0	0.00	0.00	7187.0	PBHL (End 36 ST COM#705H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL (End 36 ST COM#705H)	12530.0	7151.0	-718.0	372265.00	749347.00
FTP (End 36 ST COM#705H)	12530.0	-79.0	-658.0	365035.00	749407.00