EOG RESOURCES, INC.
PITCHBLENDE 27 FED 1R

SURFACE USE PLAN OF OPERATION

SHL: 2197' FNL & 655' FWL, Unit E, Section 27, T25S-R34E, N.M.P.M., Lea, NM
BHL: 2310' FSL & 330' FWL, Unit L, Section 22, T25S-R34E, N.M.P.M., Lea, NM

1. EXISTING ROADS:

   a. The well site and elevation plat for the proposed well are reflected on the well site layout; Form C-102. The well was staked by Terry Asel, RPL 15079.
   b. All roads into the location are depicted on Exhibit 2 & 2a.
   c. Directions to Locations: Beginning in Jal, NM at the intersection of N.M. State Hwy 128 and Hwy 18, go west on Hwy 128 for 14.1 miles to County Road #2 (Battle Ax Road), turn left and go southwest on County Road #2 for 7.6 miles, turn left and go southeast for 1.3 miles, turn right and go south for 0.3 miles to location.

2. NEW OR RECONSTRUCTED ACCESS ROAD:

   a. The well site layout, Exhibit 2a shows the layout. A new access road will be constructed all on Federal Lands a distance of (1,585') of compact caliche as depicted per Exhibit 2a.
   b. The maximum width of the road will be 15'. It will be crowned and made of 6" of rolled and compacted caliche. Water will be deflected, as necessary, to avoid accumulation and prevent soil erosion.
   c. Surface material will be native caliche. This material will be obtained from a BLM approved pit nearest in proximity to the location. The average grade will be approximately 1%.
   d. No cattleguards, gates or fence cuts will be required. No turnouts are planned.

3. LOCATION OF EXISTING WELLS:

   Exhibit #3 shows all existing wells within a one-mile radius of this well.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

   a. In the event the well is found to be productive, the necessary production equipment will be installed on location as depicted by the Production Facility Layout.
   b. As a proposed oil well, operator shall construct a powerline as depicted by Exhibit 5 a distance of 1,809.8 feet.
   c. All flow lines will adhere to API standards. Applicant will lay a 4" surface poly Gas Sales Pipeline. See Exhibit 6. A Right of Way Grant shall be secured from the Realty Group for all pipelines located on Federal Lands off lease.

d. Refer to b above.
e. If the well is productive, rehabilitation plans are as follows:
   i. The location shall be reduced on the West and South Sides of the location as depicted by the Production Facilities Layout. The interim reclamation will be performed when optimal conditions exist during the growing season as per the interim reclamation guidelines of the BLM.
   ii. The original topsoil from the well site will be returned to the location. The location will be contoured as close as possible to match the original topography.

5. LOCATION AND TYPE OF WATER SUPPLY:

This location will be drilled using a combination of water mud systems (outlined in the drilling program). The water will be obtained from commercial water stations in the area and hauled to location by transport truck using existing and proposed roads shown in Exhibit 2 & 2a. On occasion, water will be obtained from existing water wells. In these cases where a poly pipeline is used to transport water for drilling purposes, proper authorizations will be secured. If poly pipeline is used to transport fresh water to the location, proper authorization will be secured by the contractor.

6. CONSTRUCTION MATERIALS

Obtaining Mineral Material – Caliche utilized for the drilling pad and proposed access road will be obtained either from an existing approved pit, or by benching into a hill which will allow the pad to level with existing caliche from cut, or extracted by "flipping" the location. A caliche permit shall be obtained from the BLM prior to excavating any caliche on Federal Lands. Amount will vary for each pad. The procedure for "flipping" the location is as follows:

1. An adequate amount of topsoil for final reclamation will be stripped from the well location surface and stockpiled along the edge of the location as shown in the well site layout.
2. An area will be used within the proposed well site to excavate caliche.
3. The subsoil will then be removed and stockpiled within the footages of the well location.
4. Once caliche/mineral material is found, the material will be excavated and stockpiled within the footages of the well location.
5. The subsoil will then be placed back in the excavated hole.
6. Caliche/mineral material will then be placed over the entire pad and/or road to be compacted.

In the event that caliche is not found on site, a permit will be acquired if caliche is obtained from a BLM approved caliche pit

7. METHODS OF HANDLING WASTE MATERIALS

a. Drill cuttings shall be disposed of in a steel cuttings bin (catch tanks) on the drilling pad (behind the steel mud tanks). The bin and cuttings shall be hauled to an approved cuttings dumpsite.
   At the site, the cuttings shall be removed from the bin & the bin shall be returned to the drilling site for reuse.
b. All trash, junk, and other waste material shall be contained in trash cages or trash bins to prevent scattering. When a job is completed, all contents shall be removed and disposed of in an approved landfill.
c. The supplier, including broken sacks, shall pick up salts remaining after completion of well.
d. If necessary, a porto-john shall be provided for the rig crews. This equipment shall be properly maintained during the drilling and completion operations and shall be removed when all operations are complete.
e. Remaining drilling fluids shall be hauled off by transports to a state approved disposal site. Water produced during completion shall be put in storage tanks and disposed of in a state approved disposal. Oil and condensate produced shall be put in a storage tank and sold.
f. Disposal of fluids to be transported by the following companies:
   i. RGB TRUCKING
   ii. LOBO TRUCKING
   iii. I & W TRUCKING
   iv. CRANE HOT OIL & TRANSPORT
   v. JWS
   vi. QUALITY TRUCKING

8. ANCILLARY FACILITIES:

a. No airstrip, campsite, or other facilities will be built.

9. WELL SITE LAYOUT:

a. Exhibit 4 shows the proposed location of reserve and sump pits, living facilities and well site layout with dimensions of the pad layout.
b. Mud pits in the active circulating system shall be steel pits and the catch tanks shall be steel tanks set in shallow sumps behind the steel circulating tanks and sumps.
c. The area where the catch tanks are placed shall be reclaimed and the surface vegetation restored to as or near the same condition that existed prior to operations.

10. PLANS FOR SURFACE RECLAMATION:

a. After concluding the drilling and/or completion operations, if the well is found non-commercial, the caliche shall be removed from the pad and transported to the original caliche pit or used for other drilling locations and roads. The road shall be reclaimed and the surface vegetation restored to as or near the same condition that existed prior to operations. The catch tank area shall be broken out and leveled after drying to a condition where these are feasible. The original topsoil shall again be returned to the pad and contoured, as close as possible, to the original topography.
b. After the well is plugged and abandoned, the location and road shall be reclaimed and the surface vegetation restored to as or near the same condition that existed prior to operations.
c. If the well is deemed commercially productive, the catch tank area shall be restored as described in 4(e)(i). Caliche from areas of the pad site not required for operations shall be reclaimed. The original topsoil shall be returned to the area of the drill pad not necessary to operate the well. These unused areas of the drill pad shall be contoured, as close as possible, to match the original topography.

11. SURFACE OWNERSHIP

The surface is owned by the BLM. The surface is multiple use with the primary uses of the region for the grazing of livestock and the production of oil and gas.

12. OTHER INFORMATION:

a. The area surrounding the well is mesquite and tar brush. The topsoil is sandy in nature. The vegetation is moderately sparse with native prairie grass, cactus and shinnery oak. No wildlife was observed but it is likely that deer, rabbits, coyotes, birds and rodents transverse the area.
b. There are not dwellings within 2 miles of location.
c. Applicant will participate in the MOA if arch has not been previously performed.

13. BOND COVERAGE:

a. Bond Coverage is Nationwide; Bond No. NM 2308

COMPANY REPRESENTATIVES:

Representatives responsible for ensuring compliance of the surface use plan are listed below:

Land and Right of Way

Mr. Donny G. Glanton
Senior Lease Operations ROW Representative
EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
(432) 686-3642 Office
(432) 770-0602 Cell

Drilling

Mr. Steve Munsell
Drilling Engineer
EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
(432) 686-3609 Office
(432) 894-1256 Cell

Operations

Mr. Howard Kemp
Production Manager
EOG Resources, Inc
P.O. Box 2267
Midland, TX 79702
(432) 686-3704 Office
(432) 634-1001 Cell

Regulatory

Mr. Stan Wagner
Regulatory Analyst
EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
(432) 686-3689 Office

EOG RESOURCES, INC.
PITCHBLENDE 27 FED NO. 1H RE

1. GEOLOGIC NAME OF SURFACE FORMATION:

Quaternary

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Rustler	810'
Base of Salt	5,058'
Lamar	5,318'
Bell Canyon	5,344'
Cherry Canyon	6,326'
Brushy Canyon	7,945'
Bone Spring Lime	9,294'
1st Bone Spring Sand	10,407'

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

Upper Permian Sands	0- 400'	Fresh Water
Brushy Canyon	7,945'	Oil
1st Bone Spring Sand	10,407'	Oil

No other Formations are expected to give up oil, gas or fresh water in measurable quantities.

4. CASING PROGRAM – NEW

Sidetrack out of the existing 7-7/8" hole via a cement plug.

Bit Size	Interval	Csg OD	Weight	Grade	Conn	DF_{min} Collapse	DF_{min} Burst	DF_{min} Tension
14-3/4"	0' – 650'	11.75" Existing	42.0#	H40	STC	1.125	1.25	1.6
11"	0' – 1406'	8.625" Existing	32.0#	J55	LTC	1.125	1.25	1.6
11"	1406' – 5142'	8.625" Existing	32.0#	NS80	LTC	1.125	1.25	1.6
11"	5142' – 5235'	8.625" Existing	32.0#	HCK55	LTC	1.125	1.25	1.6
7-7/8"	0' -13,364'	5.5"	17.0#	P110	LTC	1.125	1.25	1.60

OPERATOR CERTIFICATION

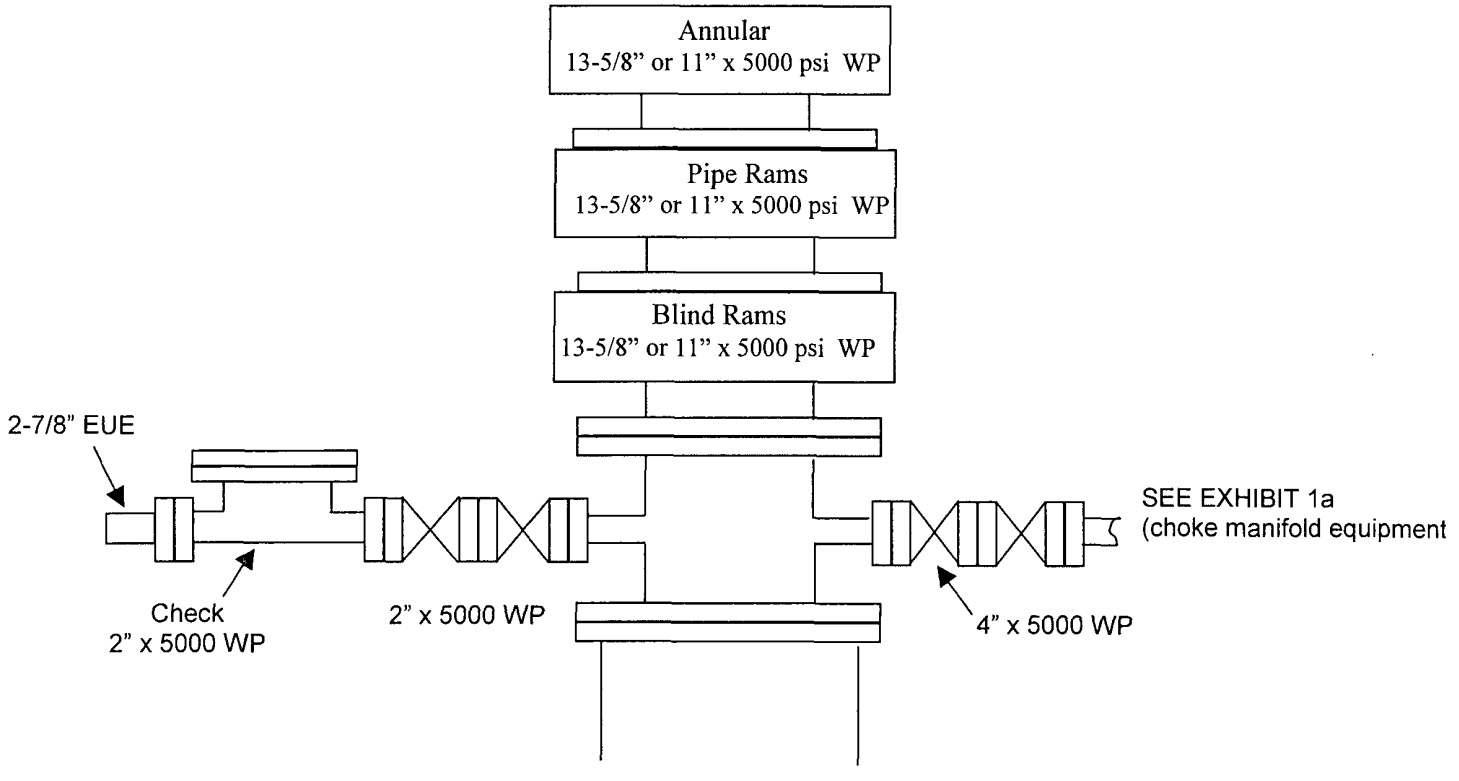
I certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions that presently exist; that I have full knowledge of State and Federal Laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true, and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements. Executed this 5th day of January 2011.

Name: Donny G. Glanton
Position: Sr. Lease Operations ROW Representative
Address: P.O. Box 2267 Midland, TX 79705
Telephone: 432-686-3642
Email: donny_glanton@eogresources.com

Signed: Don G. Glanton

EXHIBIT 1

EOG Resources
Pitchblende 27 Federal 1R



EOG RESOURCES, INC.
PITCHBLENDE 27 FED 1R

ATTACHMENT TO EXHIBIT #1

1. Wear ring to be properly installed in head.

2. Blow out preventer and all fittings must be in good condition, 5000 psi W.P. minimum. Exhibit #1.

3. All fittings to be flanged

4. Safety valve must be available on rig floor at all times with proper connections, valve to be full bore 5000 psi W.P. minimum.

5. All choke and fill lines to be securely anchored especially ends of choke lines.

6. Equipment through which bit must pass shall be at least as large as the diameter of the casing being drilled through.

7. Kelly cock on kelly.

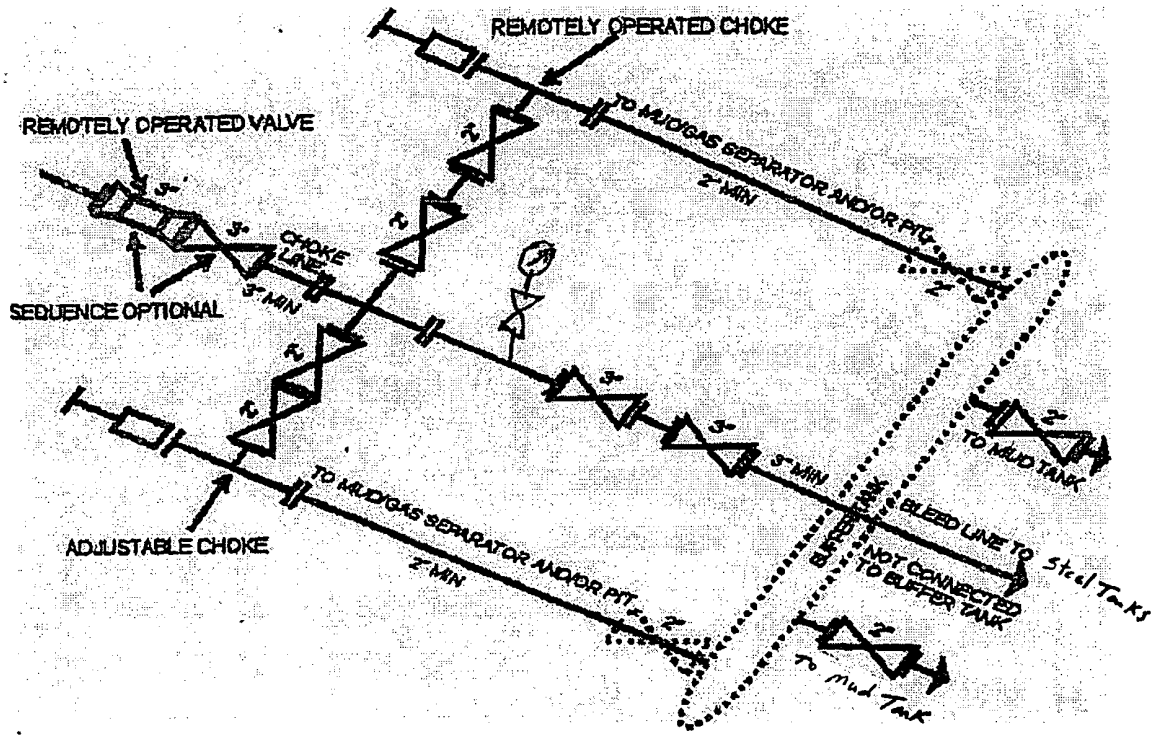
8. Extension wrenches and hand wheels to be properly installed.

9. Blow out preventer control to be located as close to driller's position as feasible.

10. Blow out preventer closing equipment to include minimum 40-gallon accumulator, two independent sources of pump power on each closing unit installation, and meet all API specifications.

WELL NAME: Pitchblende 27 Federal 1R

Exhibit 1a



5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although not required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of manifolding the bleed lines together. When buffer tanks are employed, valves shall be installed upstream to isolate a failure or malfunction without interrupting flow control. Though not shown on 2M, 3M, 10M, OR 15M drawings, it would also be applicable to those situations.

[54 FR 39528, Sept. 27, 1989]

Permit Information:

Well Name: Pitchblende 27 Fed No. 1H RE

Location:
SL: 2197' FNL & 655' FWL, Section 27, T-25-S, R-34-E, Lea Co., N.M.
BHL: 2310' FSL & 330' FWL, Section 22, T-25-S, R-34-E, Lea Co., N.M.

Casing Program:

Sidetrack out of the existing 7-7/8" hole via a cement plug.

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface Existing	650'	14.75"	11-3/4"	42.0#	H40	Surface Cmt Circ
Intermediate Existing	1406'	11"	8-5/8"	32.0#	J55	Surface Cmt Circ
Intermediate Existing	5142'	11"	8-5/8"	32.0#	NS80	-
Intermediate Existing	5235'	11"	8-5/8"	32.0#	HCK55	-
Production	0' - 13,364'	7-7/8"	5-1/2"	17.0#	P-110	4700'

Cement Program:

Depth	No. Sacks	Wt. lb/gal	Yld Ft^3/ft	Slurry Description
8,300' - 8,900'	300	18.0	0.90	600' Sidetrack Plug - Class 'H' + 1.20% CD-32 + 0.12% R-3
13,364'	100	10.8	3.67	Lead 1: 60:40:0 Class C + 15.00 lb/sk BA-90 + 4.00% MPA-5 + 3.00% SMS + 5.00% A-10 + 1.00% BA-10A + 0.80% ASA-301 + 2.10% R-21 + 8.00 lb/sk LCM-1 + 0.01 gps FP-13L (TOC @ 4700')
	275	11.8	2.38	Lead 2: 50:50:10 Class H + 0.80% FL-52A + 0.30% ASA-301 + 0.30% SMS + 2.00% Salt (2.47 lb/sk) + 0.35% R-21 + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
	750	14.2	1.28	Tail: 50:50:2 Class H + 0.65% FL-52A + 0.20% CD-32 + 0.15% SMS + 2.00% Salt (0.961 lb/sk) + 0.20% R-3 + 0.005 lb/sk Static Free

All cement volumes are based on bit size + 25% excess.

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
Drill out plugs to 9050'	Cut Brine	9.0-9.5	28-42	N/c
KOP to TD of Lateral	Cut Brine	9.0-9.5	28-42	N/c

Cementing Program:

Depth	No. Sacks	Wt. lb/gal	Yld Ft^3/ft	Slurry Description
8,300' - 8,900'	300	18.0	0.90	600' Sidetrack Plug - Class 'H' + 1.20% CD-32 + 0.12% R-3
13,364'	100	10.8	3.67	Lead 1: 60:40:0 Class C + 15.00 lb/sk BA-90 + 4.00% MPA-5 + 3.00% SMS + 5.00% A-10 + 1.00% BA-10A + 0.80% ASA-301 + 2.10% R-21 + 8.00 lb/sk LCM-1 + 0.01 gps FP-13L (TOC @ 4700')
	275	11.8	2.38	Lead 2: 50:50:10 Class H + 0.80% FL-52A + 0.30% ASA-301 + 0.30% SMS + 2.00% Salt (2.47 lb/sk) + 0.35% R-21 + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
	750	14.2	1.28	Tail: 50:50:2 Class H + 0.65% FL-52A + 0.20% CD-32 + 0.15% SMS + 2.00% Salt (0.961 lb/sk) + 0.20% R-3 + 0.005 lb/sk Static Free

All cement volumes are based on bit size + 25% excess.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

(SEE EXHIBIT #1)

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (5000 psi WP) preventer and an annular preventer (5000-psi WP). Units will be hydraulically operated and the ram-type will be equipped with blind rams on bottom and drill pipe rams on top. All BOP's and accessory equipment will be tested in accordance with Onshore Oil & Gas order No. 2.

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

The well will be cleaned out to KOP and drilled to TD with a cut brine, and polymer sweeps. The applicable depths and properties of this system are as follows:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
Drill out plugs to 9050'	Cut Brine	9.0-9.5	28-42	N/c
KOP to TD of Lateral	Cut Brine	9.0-9.5	28-42	N/c

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) A mud logging unit will be continuously monitoring drill penetration rate and hydrocarbon shows from KOP to TD.

(D) H_2S monitoring and detection equipment will be utilized from KOP to TD.

8. LOGGING, TESTING AND CORING PROGRAM:

Quad Combo - Possible in the production hole (vertical and/or lateral)
FMI - Possible in the production hole (vertical and/or lateral)

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

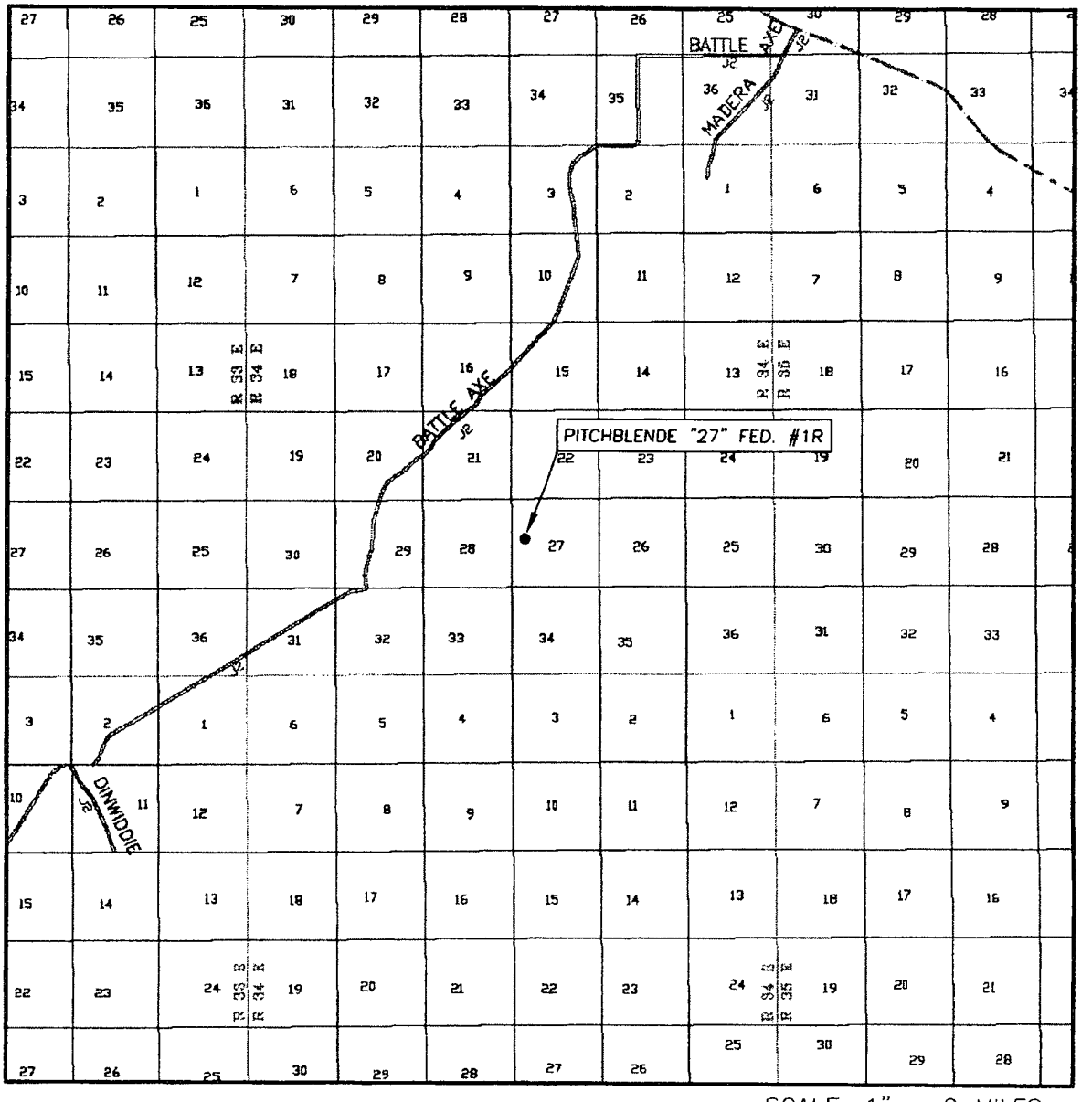
The estimated bottom hole temperature (BHT) at TD is 151 degrees F with an estimated maximum bottom-hole pressure (BHP) at TD of 4000 psig. No hydrogen sulfide or other hazardous gases or fluids have been encountered, reported or are known to exist at this depth in this area. No major loss circulation zones have been reported in offsetting wells.

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 30-60 days will be required for completion and testing before a decision is made to install permanent facilities.

Exhibit 2

VICINITY MAP



SEC. 27 TWP. 25-S RGE. 34-E
SURVEY N.M.P.M.
COUNTY LEA
DESCRIPTION 2197' FNL & 655' FWL
ELEVATION 3317.2
OPERATOR EOG RESOURCES, INC.
LEASE PITCHBLENDE "27" FED. #1R

SCALE: 1" = 2 MILES

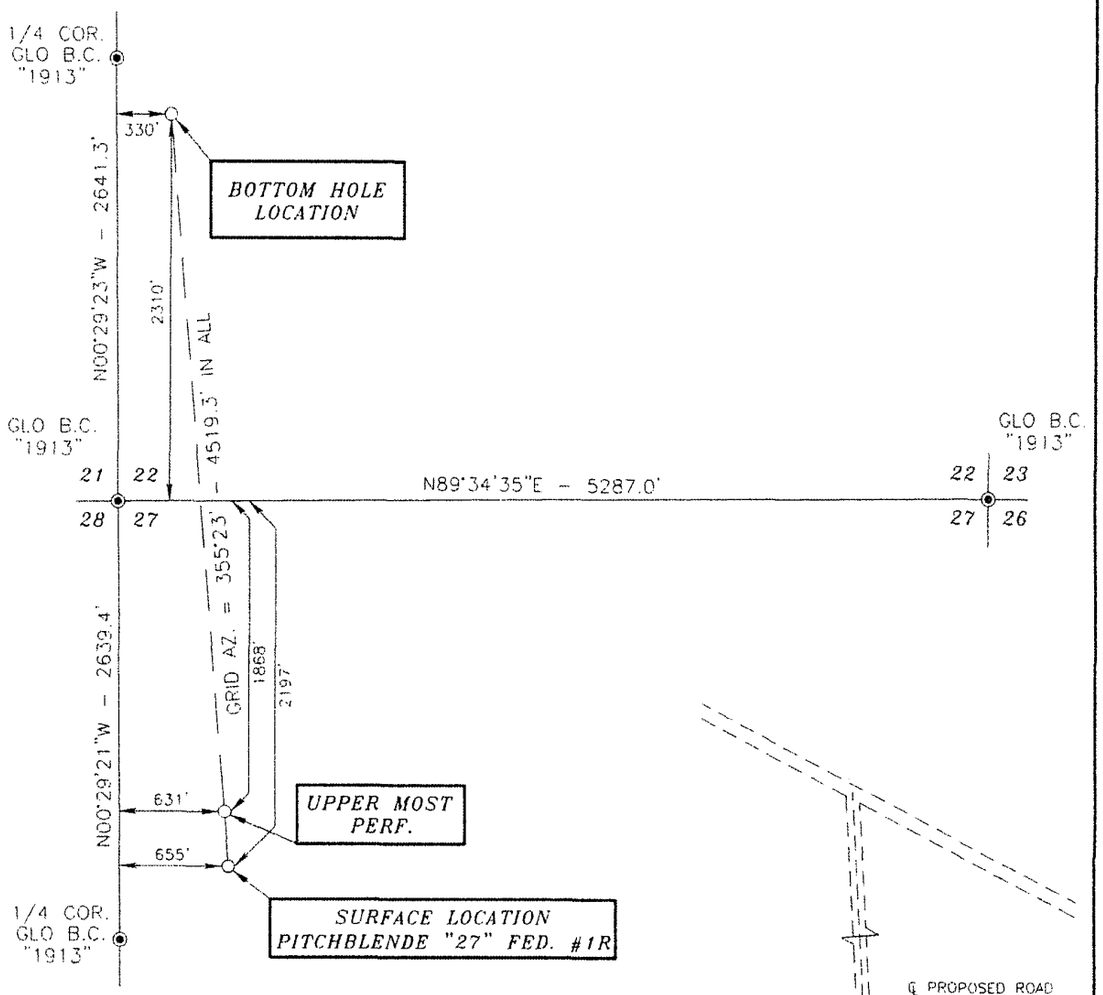
Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR
HOBBS, NEW MEXICO - 575-393-9146

DIRECTIONS BEGINNING IN JAL AT THE INTERSECTION OF N.M. STATE HWY. #18 AND N.M. STATE HWY. #128, GO WEST ON N.M. STATE HWY. #128 FOR 14.1 MILES TO COUNTY ROAD #2 (BATTLE AXE ROAD), TURN LEFT AND GO SOUTH/SOUTHWEST FOR 7.6 MILES, TURN LEFT ON LEASE ROAD AND GO SOUTHEAST FOR 1.3 MILES, TURN RIGHT AND GO SOUTH FOR 0.3 MILES TO LOCATION.

Exhibit 2a

SECTIONS 27 & 22, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY NEW MEXICO



DIRECTIONS:
BEGINNING IN JAL AT THE INTERSECTION OF N.M. STATE HWY. #18 AND N.M. STATE HWY. #128, GO WEST ON N.M. STATE HWY. #128 FOR 14.1 MILES TO COUNTY ROAD #2 (BATTLE AXE ROAD), TURN LEFT AND GO SOUTH/SOUTHWEST FOR 7.6 MILES, TURN LEFT ON LEASE ROAD AND GO SOUTHEAST FOR 1.3 MILES, TURN RIGHT AND GO SOUTH FOR 0.3 MILES TO LOCATION.

TERRY J. ASEL NEW MEXICO 15079 REGISTERED PROFESSIONAL LAND SURVEYOR

SURVEYORS CERTIFICATE

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

Terry J. Asel 1/5/2011
Terry J. Asel N.M. R.P.S. No. 15079

Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR
HOBBS, NEW MEXICO - 575-393-9146

LEGEND

◉ - DENOTES FOUND MONUMENT AS NOTED

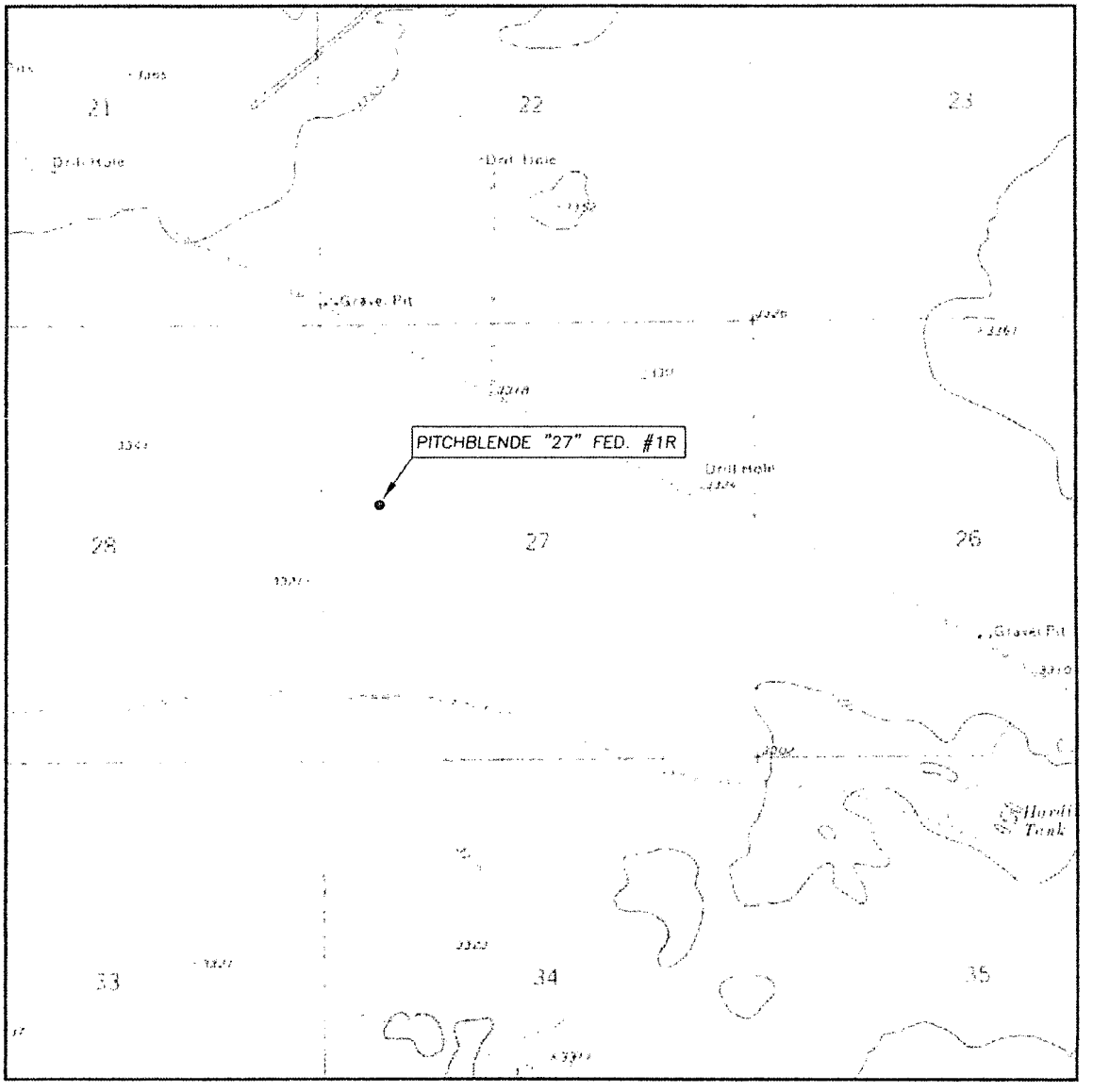
1000' 0 1000' 2000' FEET
SCALE: 1"=1000'

EOG RESOURCES, INC.

PITCHBLENDE "27" FED. #1R LOCATED AT 2197' FNL & 655' FWL OF SECTION 27, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

Survey Date: 12/20/10	Sheet 1 of 1 Sheets	
W.O. Number: 101220WL (Rev. A)	Drawn By: KA	Rev: A
Date: 1/05/11	101220WL	Scale: 1"=1000'

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

SEC. 27 TWP. 25-S RGE. 34-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2197' FNL & 655' FWL

ELEVATION 3317.2'

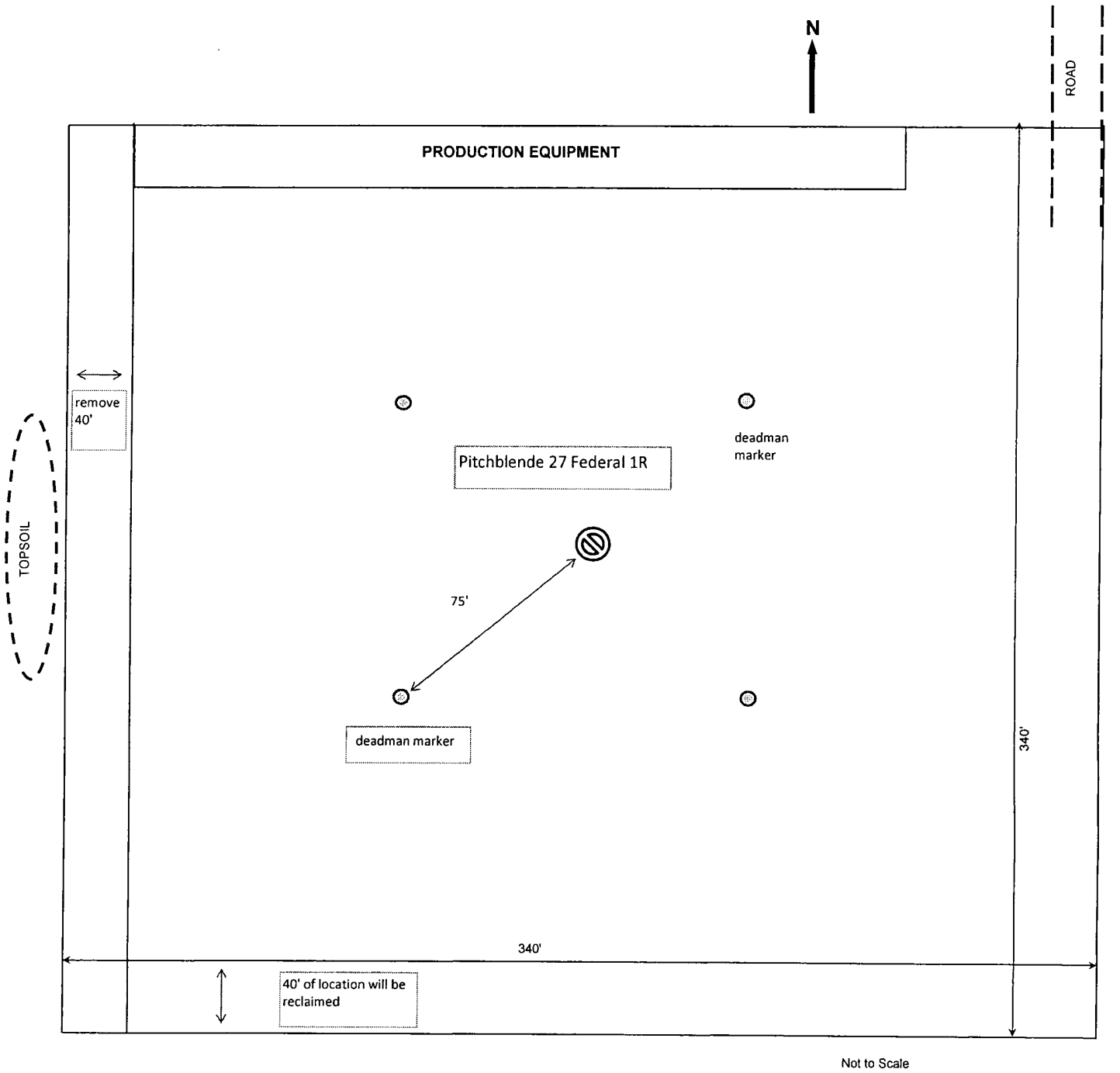
OPERATOR EOG RESOURCES, INC.

LEASE PITCHBLENDE "27" FED. #1R

U.S.G.S. TOPOGRAPHIC MAP
ANDREWS PLACE, N.M.

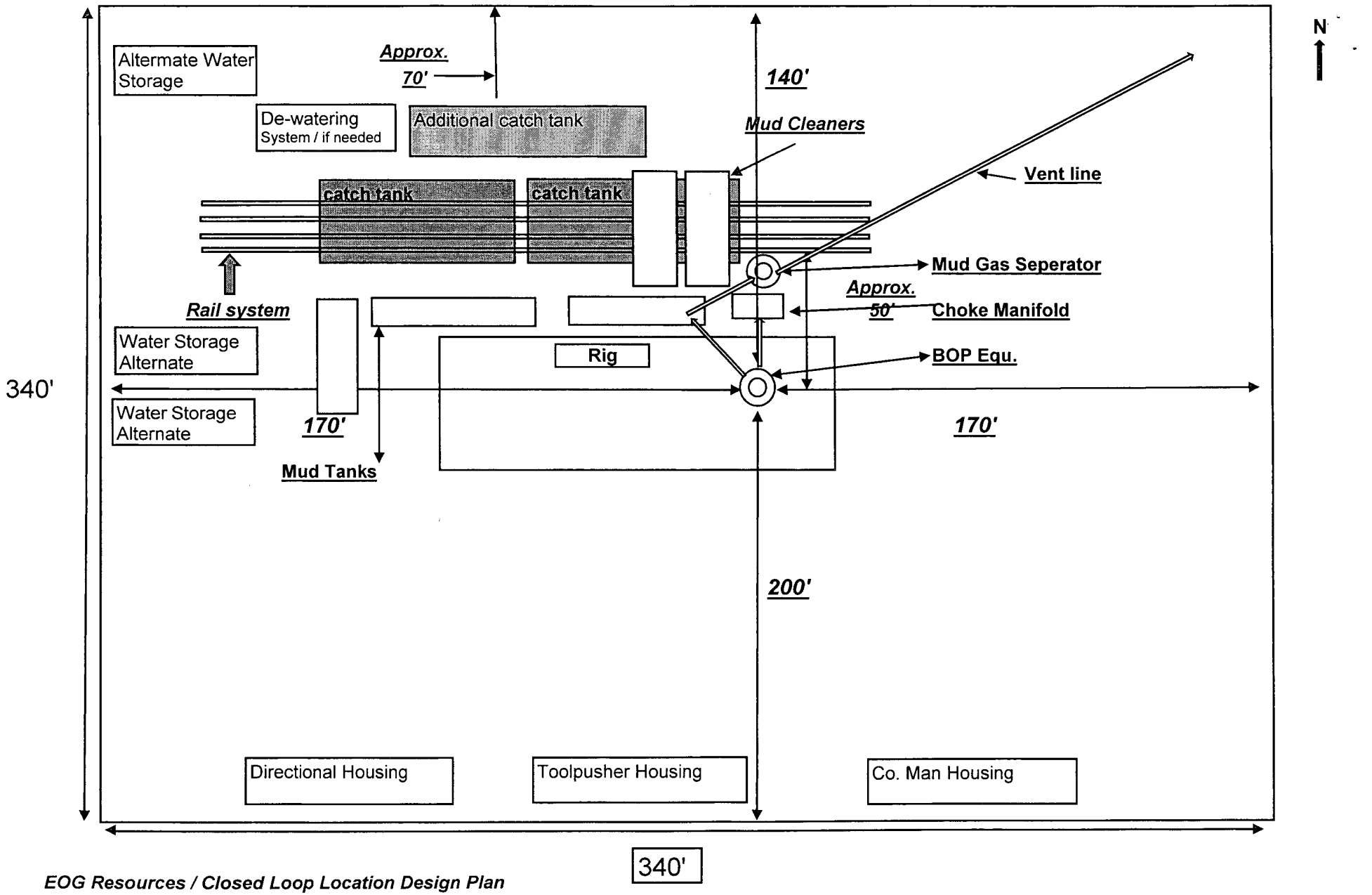
Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR
HOBBS, NEW MEXICO - 575-393-9146


N
ROAD
PRODUCTION EQUIPMENT
remove 40'
TOPSOIL
Pitchblende 27 Federal 1R
deadman marker
75'
deadman marker
340'
340'
40' of location will be reclaimed

Not to Scale

EXHIBIT 4
Pitchblende 27 Federal 1R



EOG Resources / Closed Loop Location Design Plan

Not to scale

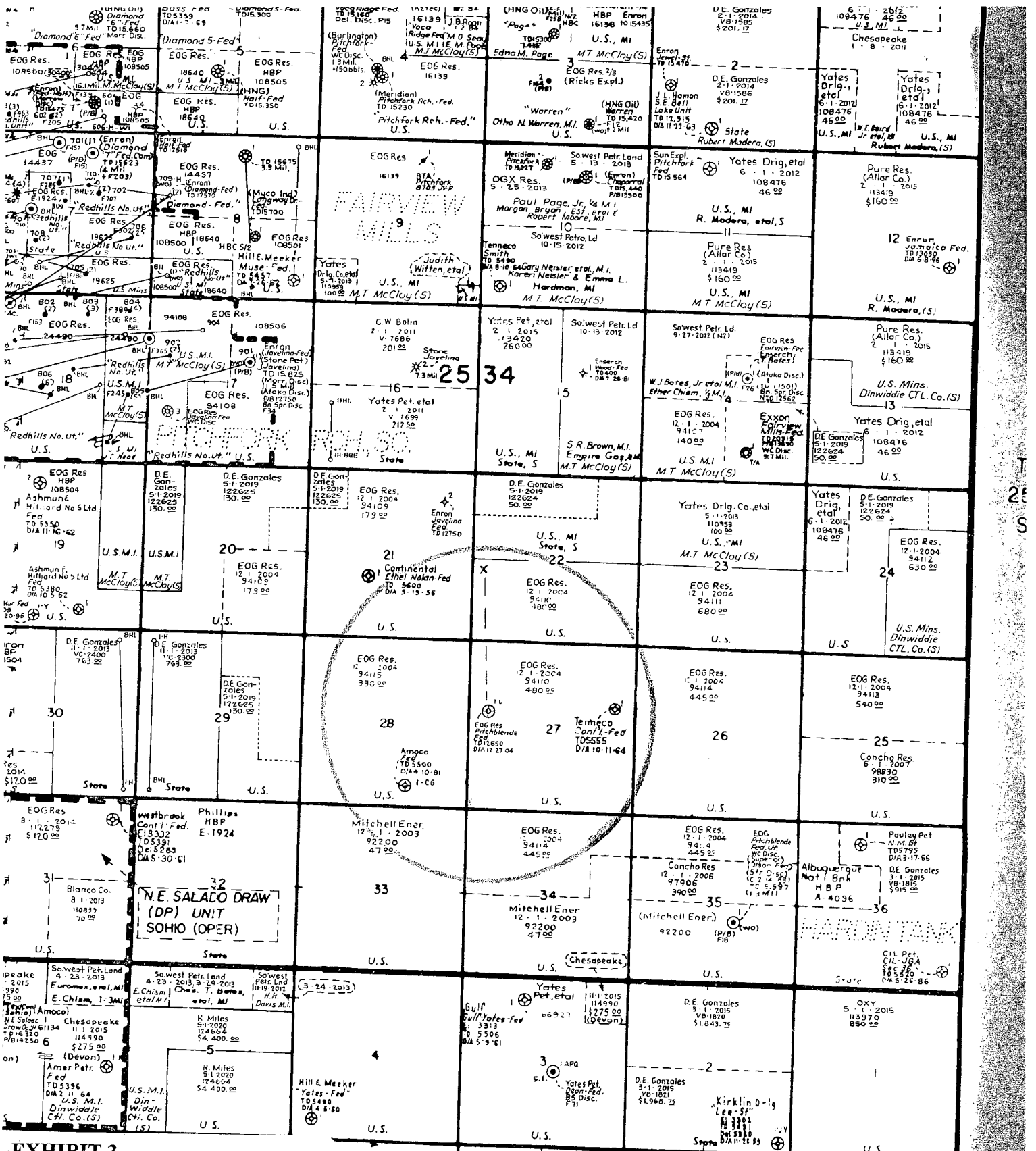


EXHIBIT 3

Pitchblende 27 Federal 1R

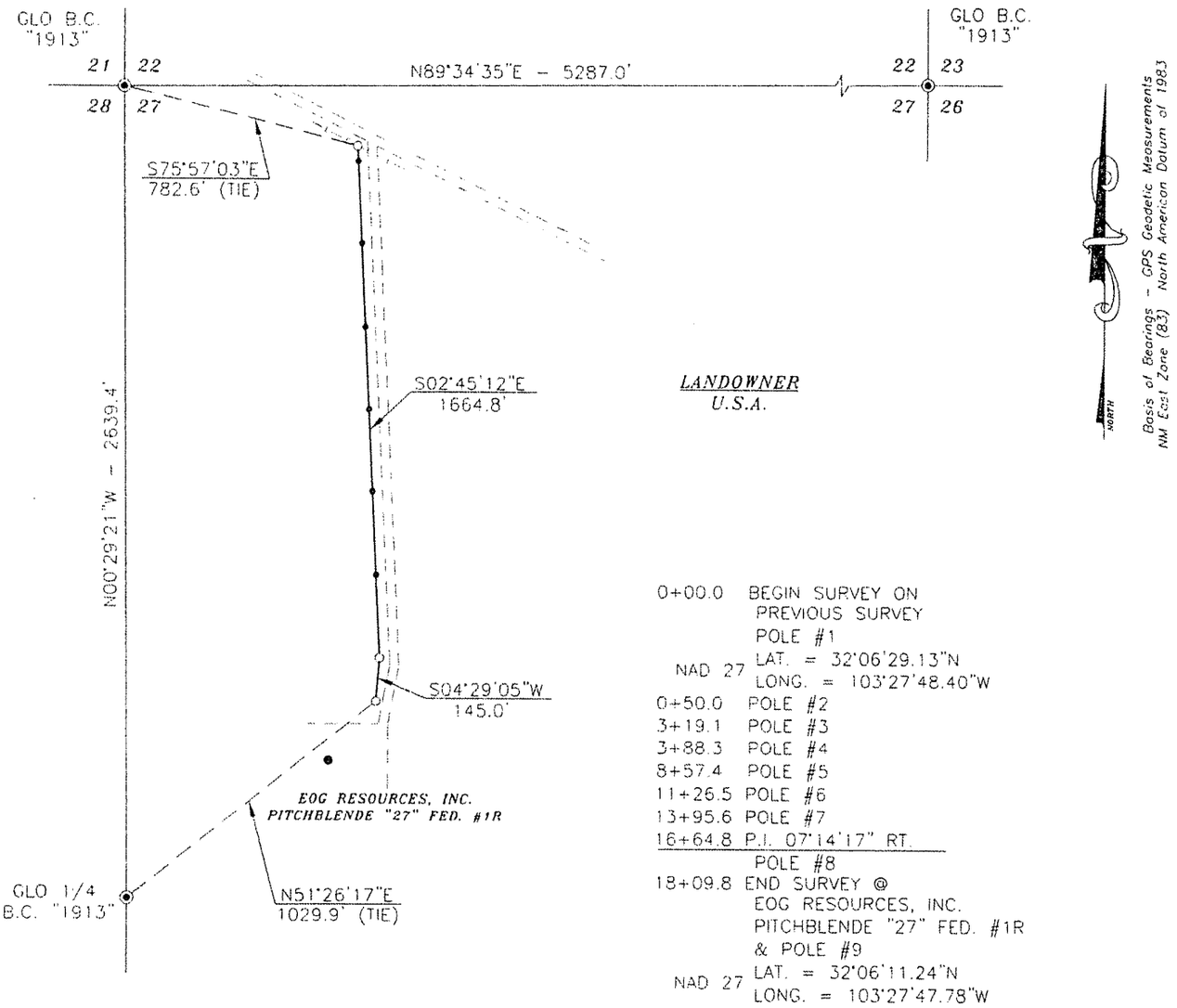
2197' FNL & 655' FWL Sec 27 SHL

2310' FSL & 330' FWL Sec 22 BHL

Sec 27, T25S, R34E, Lea County NM

SECTION 27, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY NEW MEXICO

Exhibit 5



0+00.0	BEGIN SURVEY ON PREVIOUS SURVEY POLE #1	
NAD 27	LAT. = 32°06'29.13"N	
	LONG. = 103°27'48.40"W	
0+50.0	POLE #2	
3+19.1	POLE #3	
3+88.3	POLE #4	
8+57.4	POLE #5	
11+26.5	POLE #6	
13+95.6	POLE #7	
16+64.8	P.I. 07°14'17" RT. POLE #8	
18+09.8	END SURVEY @ EOG RESOURCES, INC. PITCHBLENDE "27" FED. #1R & POLE #9	
NAD 27	LAT. = 32°06'11.24"N	
	LONG. = 103°27'47.78"W	

DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE AND 1809.8 FEET OR 0.343 MILES IN LENGTH CROSSING U.S.A. LAND IN SECTION 27, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED SURVEY.

TERRY J. ASEL NEW MEXICO 15079 REGISTERED PROFESSIONAL LAND SURVEYOR

SURVEYORS CERTIFICATE

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

Terry J. Asel 1/3/2011

Terry J. Asel, N.M. R.P.S. No. 15079

Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR
HOBBS, NEW MEXICO - 575-393-9146

LEGEND

◉ - DENOTES FOUND MONUMENT AS NOTED

500' 0 500' 1000' FEET

SCALE: 1"=500'

EOG RESOURCES, INC.

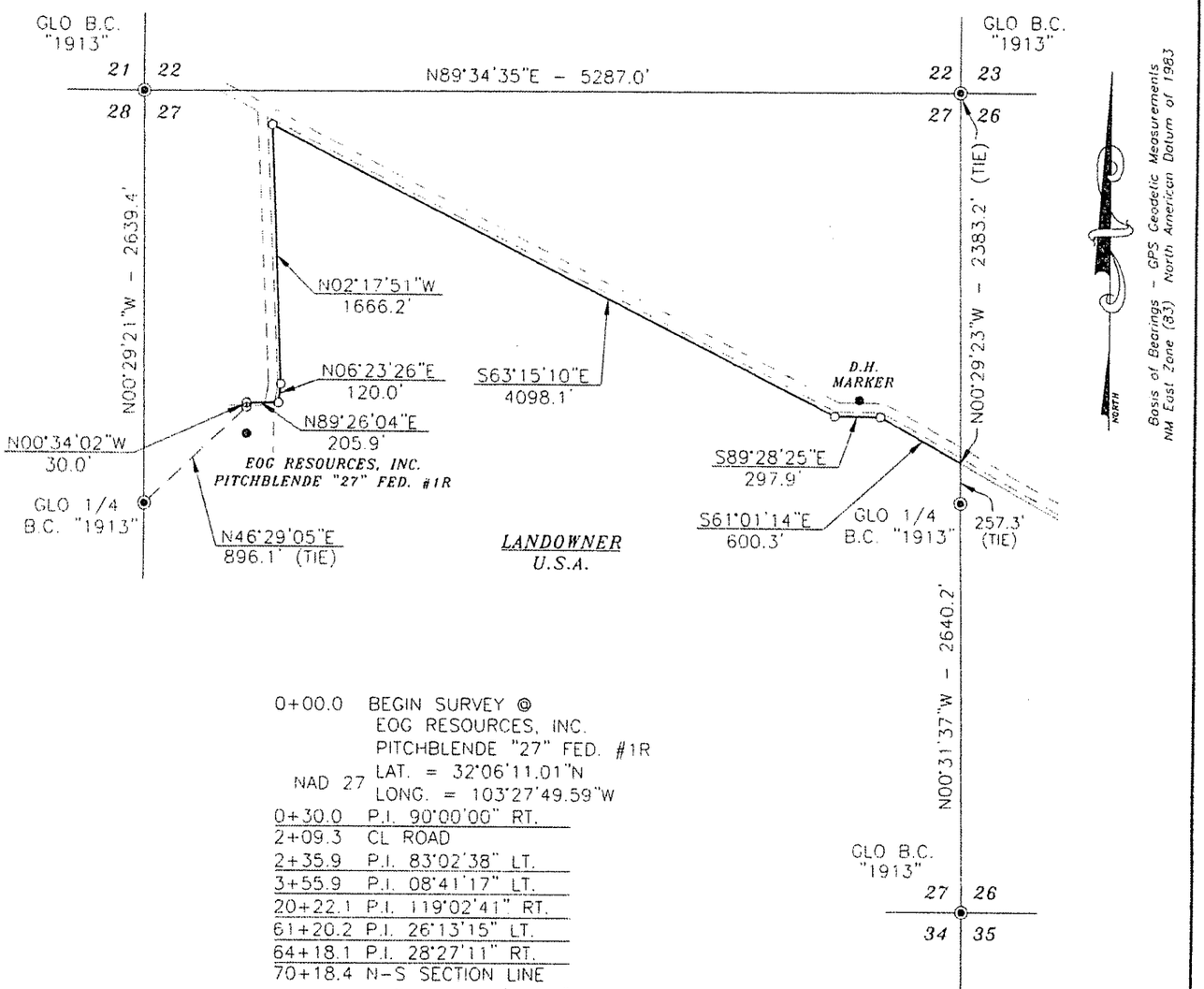
SURVEY FOR AN ELECTRIC LINE EASEMENT CROSSING U.S.A. LAND IN SECTION 27, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

Survey Date: 12/20/10		Sheet 1 of 1 Sheets	
W.O. Number: 101220EL-a		Drawn By: KA	
Date: 12/22/10		101220EL-a.DWG	Scale:1"=500'

SECTION 27, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY NEW MEXICO

Exhibit 6

Page 1 of 3



0+00.0	BEGIN SURVEY @ EOG RESOURCES, INC. PITCHBLENDE "27" FED. #1R	
NAD 27	LAT. = 32°06'11.01"N	
	LONG. = 103°27'49.59"W	
0+30.0	P.I. 90°00'00" RT.	
2+09.3	CL ROAD	
2+35.9	P.I. 83°02'38" LT.	
3+55.9	P.I. 08°41'17" LT.	
20+22.1	P.I. 119°02'41" RT.	
61+20.2	P.I. 26°13'15" LT.	
64+18.1	P.I. 28°27'11" RT.	
70+18.4	N-S SECTION LINE	
NAD 27	LAT. = 32°06'07.45"N	
	LONG. = 103°26'55.74"W	

DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE AND 7018.4 FEET OR 1.329 MILES IN LENGTH CROSSING U.S.A. LAND IN SECTION 27, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED SURVEY.

TERRY J. ASEL NEW MEXICO 15079 REGISTERED PROFESSIONAL LAND SURVEYOR

LEGEND

◉ - DENOTES FOUND MONUMENT AS NOTED

1000' 0 1000' 2000' FEET

SCALE: 1"=1000'

SURVEYORS CERTIFICATE

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

Terry J. Asel 1/3/2011

Terry J. Asel N.M. R.P.S. No. 15079

Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR
HOBBS, NEW MEXICO - 575-393-9146

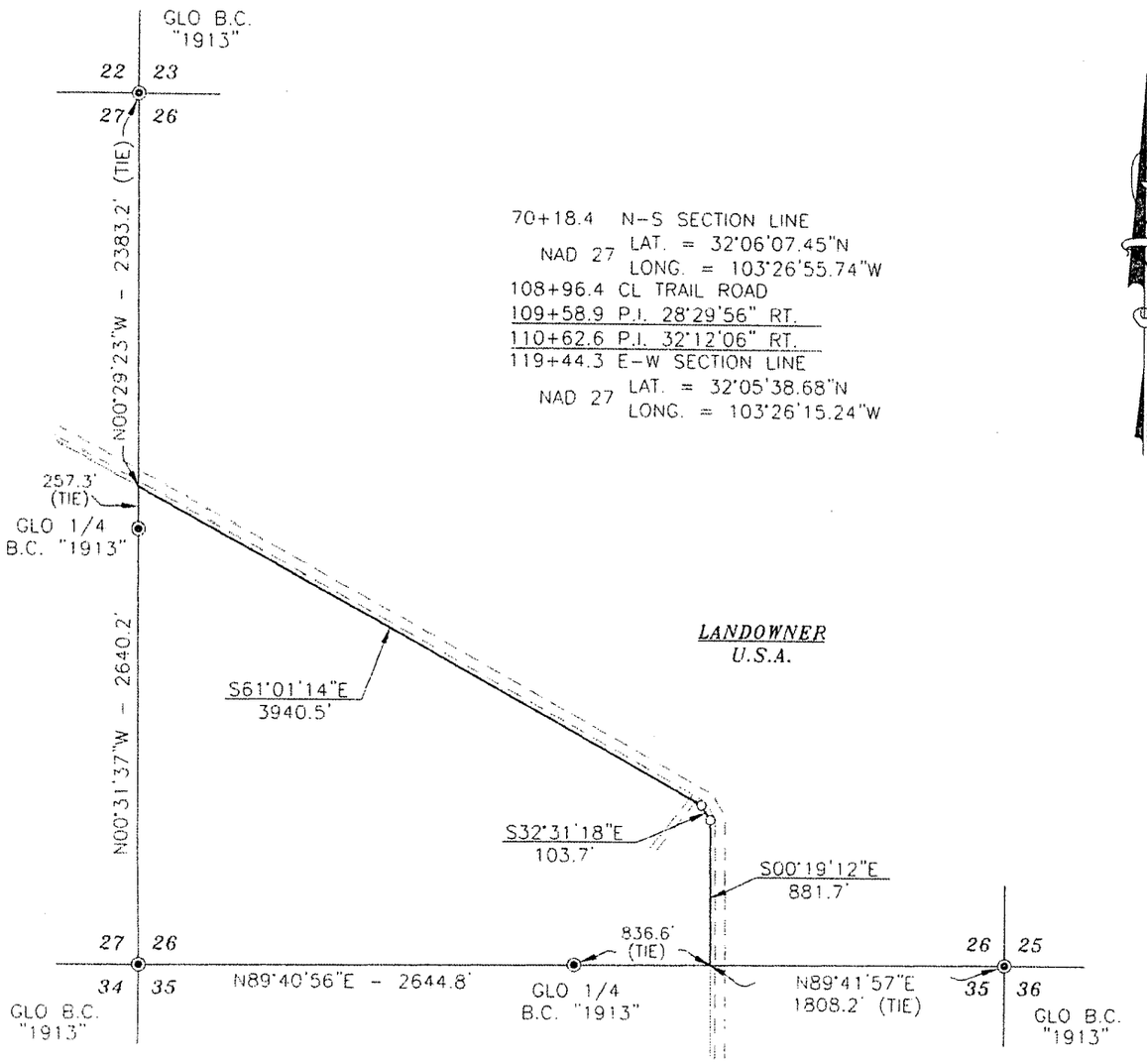
EOG RESOURCES, INC.

SURVEY FOR A GAS PIPELINE EASEMENT CROSSING U.S.A. LAND IN SECTION 27, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

Survey Date: 12/20/10	Sheet 1 of 3 Sheets	
W.O. Number: 101220PL	Drawn By: KA	
Date: 12/22/10	101220PL.DWG	Scale:1"=1000'

SECTION 26, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY NEW MEXICO

Exhibit 6
Page 2 of 3



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE AND 4925.9 FEET OR 0.933 MILES IN LENGTH CROSSING U.S.A. LAND IN SECTION 26, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED SURVEY.

TERRY J. ASEL NEW MEXICO 15079 REGISTERED PROFESSIONAL LAND SURVEYOR

LEGEND

◉ - DENOTES FOUND MONUMENT AS NOTED

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

SURVEYORS CERTIFICATE

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

Terry J. Asel 1/3/2011
Terry J. Asel N.M. R.P.S. No. 15079

Asel Surveying
P.O. BOX 393 - 310 W. TAYLOR
HOBBS, NEW MEXICO - 575-393-9146

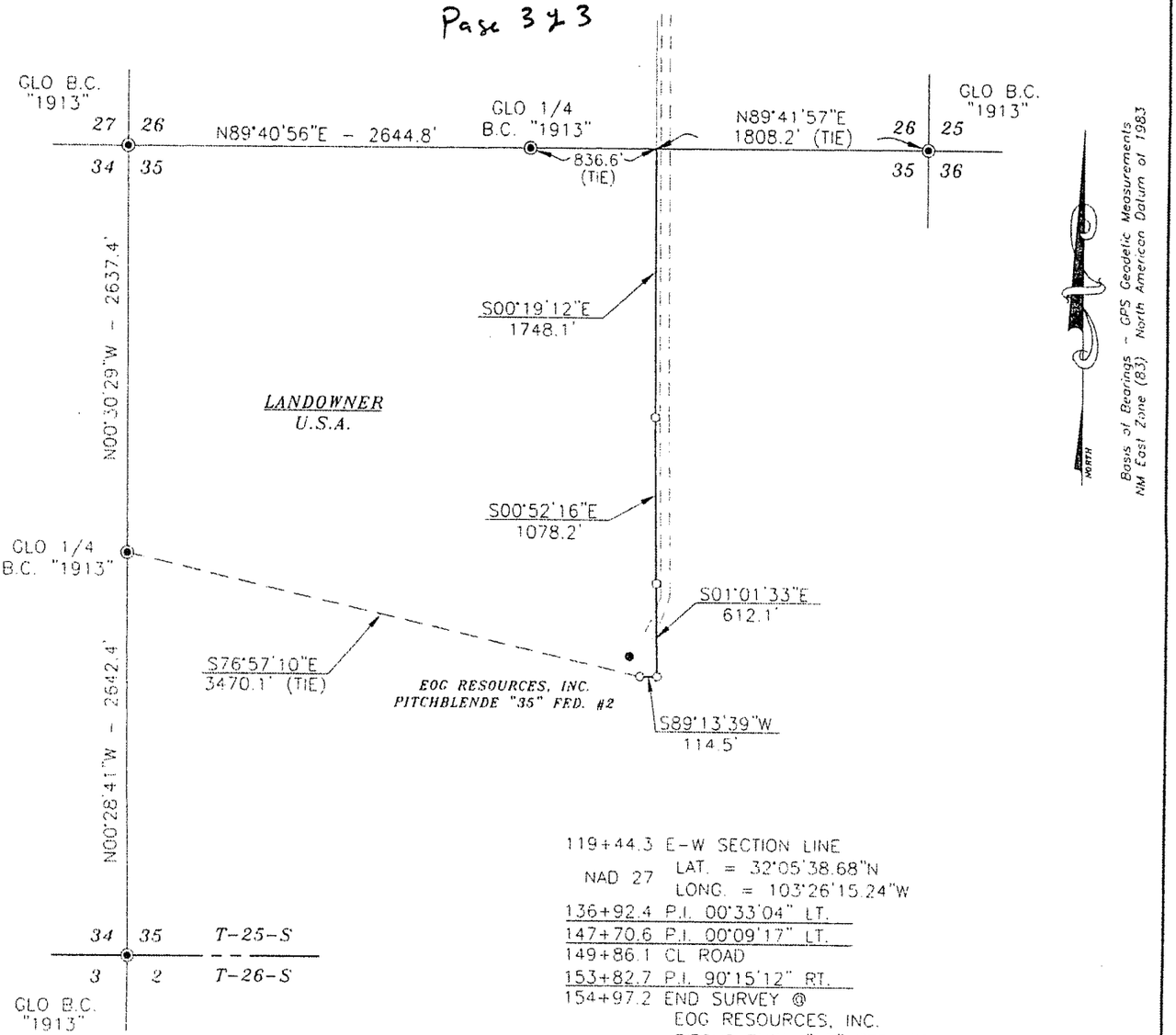
EOG RESOURCES, INC.

SURVEY FOR A GAS PIPELINE EASEMENT CROSSING U.S.A. LAND IN SECTION 26, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

Survey Date: 12/20/10	Sheet 2 of 3 Sheets	
W.O. Number: 101220PL	Drawn By: KA	
Date: 12/22/10	101220PL.DWG	Scale: 1"=1000'

SECTION 35, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M.,
LEA COUNTY NEW MEXICO

Exhibit 6
Page 3 of 3



119+44.3 E-W SECTION LINE
NAD 27 LAT. = 32°05'38.68"N
LONG. = 103°26'15.24"W
136+92.4 P.I. 00°33'04" LT.
147+70.6 P.I. 00°09'17" LT.
149+86.1 CL ROAD
153+82.7 P.I. 90°15'12" RT.
154+97.2 END SURVEY @
EOG RESOURCES, INC.
PITCHBLENDE "35" FED. #2
NAD 27 LAT. = 32°05'04.65"N
LONG. = 103°26'16.48"W

DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE AND 3552.9 FEET OR 0.673 MILES IN LENGTH CROSSING U.S.A. LAND IN SECTION 35, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED SURVEY.

TERRY J. ASEL NEW MEXICO 15079 REGISTERED PROFESSIONAL LAND SURVEYOR

LEGEND

◉ - DENOTES FOUND MONUMENT AS NOTED

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

SURVEYORS CERTIFICATE

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

Terry J. Asel 1/3/2011
Terry J. Asel N.M. R.P.S. No. 15079

Asel Surveying
P.O. BOX 393 - 310 W. TAYLOR
HOBBS, NEW MEXICO - 575-393-9146

EOG RESOURCES, INC.

SURVEY FOR A GAS PIPELINE EASEMENT CROSSING U.S.A. LAND IN SECTION 35, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

Survey Date:	12/20/10	Sheet 3 of 3 Sheets	
W.O. Number:	101220PL	Drawn By:	KA
Date:	12/22/10	101220PL.DWG	Scale:1"=1000'