30-015-39169 RECEIVED

NMOCD ARTESIA

# SURFACE USE PLAN OF OPERATION

SHL: 560' FNL & 2385' FEL, Unit B, Section 17, T18S-R30E, N.M.P.M., Eddy, NM BHL: 660' FNL & 2310' FWL, Unit C, Section 16, T18S-R30E, N.M.P.M., Eddy, 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 Exhibits 2, 2a and 2b.
- c. <u>Directions to Location:</u> Beginning in Loco Hills, NM, From Jct. of Hwy 82 & Co. Road 217, Go Southwest on CR 217 for 3 miles, turn left on CR 216 and go south for 1.9 miles, turn left on lease road for 0.1 miles, turn right on lease road for 0.2 miles, turn left lease road for 0.5 miles, turn right and go south for 0.1 miles, turn left on lease road and go east for 1.5 miles, turn right on proposed new road and go south for 0.1 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 a distance of (933.4 feet) of compact caliche to the SW corner of the well pad as depicted by Exhibit 2b.
- b. The maximum width of the road will be 14'. 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 at a Central Tank Battery (CTB) located in Section 8, T18S-R30E.
- b. Applicant shall construct a 2 7/8" steel pipeline on the surface to transport the gas, oil and produced water. Pipeline shall follow the road.

- c. Applicant shall secure Right of Way for Over-head electrical power from the BLM Realty Group.
- d. Refer to b above.
- e. If the well is productive, rehabilitation plans are as follows:
  - i. The location shall be reduced on four (4) sides of the location as depicted by the Location 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 and 2b. 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.
- d. Special Reclamation Plan
  Applicant has worked with the BLM to develop reclamation plans for abandoned
  wells and roads near the proposed well, which is within a Lesser Prairie-Chicken
  Habitat Evaluation Area (HEA) designated by the BLM.

Legend for the Map (Exhibit 5):
Dark Green Lines – Areas to Reclaim
Thick Black Lines – Proposed Access Roads
Thick Black Boxes – Proposed Wells Pads
Red Circles – Abandoned Mineral Pits
Yellow Area – Federal Land
Blue Area – State Land
Black Lines – Section Lines

Reclamation Project Breakdown

<u>Pad and Road "A"</u> = Remove any caliche from road and pad; Recontour; Rip

road and pad; Use topsoil from perimeter of road to cover reclaimed road (5-10 feet outside of road); Disk soil; Seed; About 200' of fence

barricade; Any unusable caliche can be put into abandoned Pit #1 or Pit #2 Pad and Road "B" = Remove any caliche from road and pad; Recontour; Rip road and pad; Use topsoil from perimeter of road to cover reclaimed road

(5-10 feet outside of road); Disk soil; Seed; About 200' of fence barricade

<u>Road "C"</u> = Remove any caliche from road; Recontour; Rip road; Use topsoil from perimeter of road to cover reclaimed road (5-10 feet outside of road); Disk soil; Seed; About 200' of fence barricade on the north end; About 300' of fence barricade on the south end; Remove gate at the fence line and restore fence

<u>Pad and Road "D"</u> = Remove any caliche from road and pad; Recontour; Rip road and pad; Use topsoil from perimeter of road to cover reclaimed road (5-10 feet outside of road); Disk soil; Seed; About 200' of fence barricade on northeast corner of pad to deter traffic from pipeline right-of-way

Road "E" = Remove any caliche from road; Recontour; Rip road; Use topsoil from perimeter of road to cover reclaimed road (5-10 feet outside of road); Disk soil; Seed; About 200' of fence barricade on the east end of the road to deter traffic from pipeline right-of-way Pad and Road "F" = Remove any caliche from road and pad; Put caliche into the cut; Recontour; Rip road and pad; Use topsoil from perimeter of road to cover reclaimed road (5-10 feet outside of road); Disk soil; Seed; Restore fence line

Road "G" = Remove any caliche from road; Recontour; Rip road; Use topsoil from perimeter of road to cover reclaimed road (5-10 feet outside of road); Disk soil; Seed; About 200' of fence barricade on the north end; About 200' of fence barricade on the south end; Any un-usable caliche can go into abandoned Pit #3 and Pit #4

<u>Pad and Road "H"</u> = Remove any caliche from pad and road; Un-usable caliche can be pushed into the pit directly northwest of the pad edge; Recontour; Rip road and pad; Use topsoil from perimeter of road to cover reclaimed road (5-10 feet outside of road); Disk soil; Seed; About 300' of fence barricade

Pad "I" = Remove any caliche from pad; About 4 inches of caliche should be placed on old reserve pit then cover with sand; Recontour; Rip pad (exclude pit area); Disk soil; Seed; Fence barricade along access road Pad "J" = Remove any caliche from pad; Recontour; Rip pad; Disk soil; Seed; Fence barricade along access road

#### General Reclamation Procedures

Place a sign on the fence barricade that states "Road Closed" or "Stay Off Reclaimed Area" where necessary
Build the fence barricade (on roads) in such a way to prevent vehicles from driving around fence. Shape of fence barricade: \\_\_\_\_

Fill abandoned caliche pits 2-3 feet below the fill point so that topsoil can be brought in from the perimeter.

Reclaim the abandoned pits adequately (if used) and put up a fence barricade.

Overall Goal = Remove as much caliche as you can, Rip, Recontour, Disk, Seed, Barricade

#### 11. SURFACE OWNERSHIP

The surface is owned by the Bureau of Land Management. 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 2.0 miles of location.
- c. Applicant shall participate in the MOA.

#### 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

| <u>Drilling</u>       | <u>Operations</u>     | Regulatory            |  |
|-----------------------|-----------------------|-----------------------|--|
| Mr. Steve Munsell     | Mr. Howard Kemp       | Mr. Stan Wagner       |  |
| Drilling Engineer     | Production Manager    | Regulatory Analyst    |  |
| EOG Resources, Inc.   | EOG Resources, Inc    | EOG Resources, Inc.   |  |
| P.O. Box 2267         | P.O. Box 2267         | P.O. Box 2267         |  |
| Midland, TX 79702     | Midland, TX 79702     | Midland, TX 79702     |  |
| (432) 686-3609 Office | (432) 686-3704 Office | (432) 686-3689 Office |  |
| (432) 894-1256 Cell   | (432) 634-1001 Cell   |                       |  |

# **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 30<sup>th</sup> day of March 2011.

Name: Donny G. Glanton

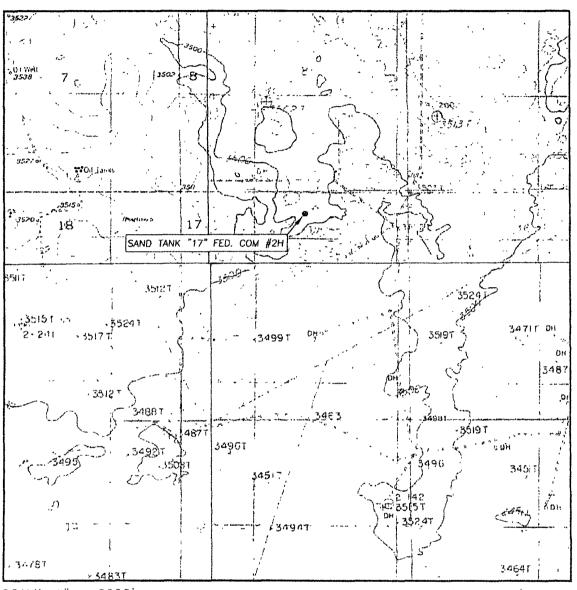
Position: Sr. Lease Operations ROW Representative

Address: P.O. Box 2267 Midland, TX 79705

Telephone: <u>432-686-3642</u>

Email: donny\_glanton@eogresources.com

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

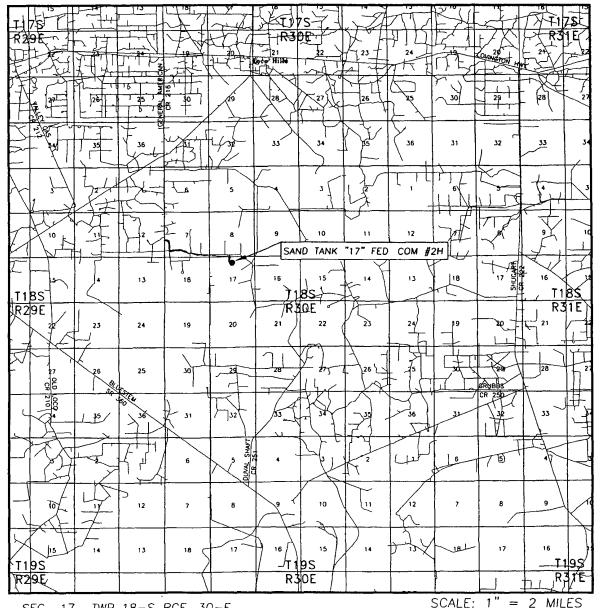
| SEC. 17     | TWP. 18-5 RCE. 30-E    |            |
|-------------|------------------------|------------|
| SURVE (     | N.M.P.M.               |            |
| COUNTY      | EDDY                   |            |
| DESCRIPTIO  | 1 560' FNL & 2385' FEL |            |
| ELEVATION_  | <u>3504.5'</u>         |            |
| OPERATOR_   | EOG RESOURCES, INC.    |            |
| LEASE SAND  | TANK "17" FED. COM #2  | <b>j</b> - |
| U.S.G.S. TO | POGRAPHIC MAP          |            |

Asel Surveying

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



# VICINITY MAP



SEC. 17 TWP 18-S RGE. 30-E

SURVEY N M.P.M.

COUNTY EDDY

DESCRIPTION 560' FNL & 2385' FEL

ELEVATION 3504.5'

OPERATOR EOG RESOURCES, INC.

LEASE SAND TANK "17" FED. COM #2H

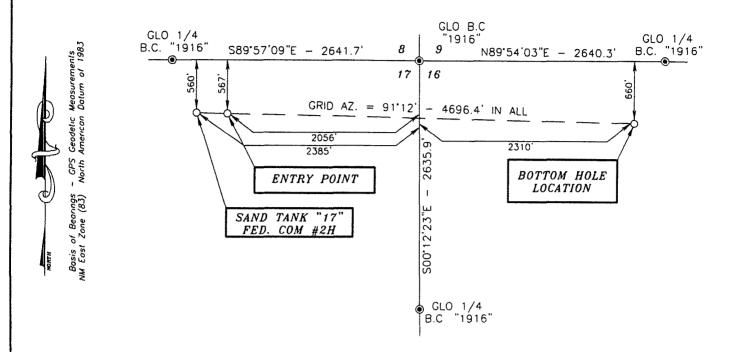
Asel Surveying

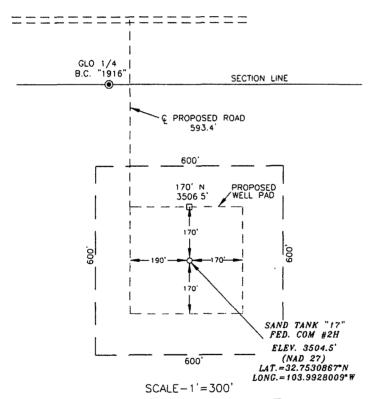
P.O. BOX 393 - 310 W TAYLOR HOBBS, NEW MEXICO - 575-393-9146



DIRECTIONS BEGINNING IN LOCO HILLS AT THE INTERSECTION OF U.S. HWY. #82 AND EDDY COUNTY ROAD #217 (HAGERMAN CUTOFF ROAD), GO SOUTH SOUTHWEST ON EDDY CO. ROAD #217 FOR 3.0 MILES, TURN LEFT ON EDDY COUNTY ROAD #216 (GENERAL AMERICAN ROAD) AND GO SOUTH FOR FOR 1.9 MILES, TURN LEFT ON LEASE ROAD FOR 0.1 MILES, TURN RIGHT ON LEASE ROAD FOR 0.2 MILES, TURN LEFT ON LEASE ROAD AND GO EAST FOR 1.5 MILES, TURN RIGHT ON PROPOSED NEW ROAD AND GO SOUTH FOR 0.1 MILES TO LOCATION

#### SECTIONS 17 & 16, TOWNSHIP 18 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY NEW MEXICO Exhibit Za





DRIVING DIRECTIONS: BEGINNING IN LOCO HILLS AT THE INTERSECTION OF U.S. HWY. #82 AND EDDY COUNTY ROAD #217 (HAGERMAN CUTOFF COUNTY ROAD #217 (HAGERMAN CUTOFF ROAD), GO SOUTH SOUTHWEST ON EDDY CO ROAD #217 FOR 3.0 MILES, TURN LEFT ON EDDY COUNTY ROAD #216 (GENERAL AMERICAN ROAD) AND GO SOUTH FOR 1.9 MILES, TURN LEFT ON LEASE ROAD FOR 0.1 MILES, TURN RIGHT ON LEASE ROAD FOR 0.2 MILES, TURN LEFT ON LEASE ROAD AND GO EAST FOR 1.5 MILES, TURN RIGHT ON PROPOSED NEW ROAD AND GO SOUTH FOR PROPOSED NEW ROAD AND GO SOUTH FOR 0.1 MILES TO LOCATION.

ERAY J. ASE METICO NYW SURVEYOR 15079 1000

LEGEND - DENOTES FOUND MONUMENT AS NOTED

1000

2000' FEET

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYORS SIONAL THE 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 "MINIMIUM STANDARDS FOR SURVEY IN NEW MEXICO" AS ADOPTED BY THE MEM. MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

or.M. R.P.S. No. 15079 Terry J. Ase

Asel Surveying

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

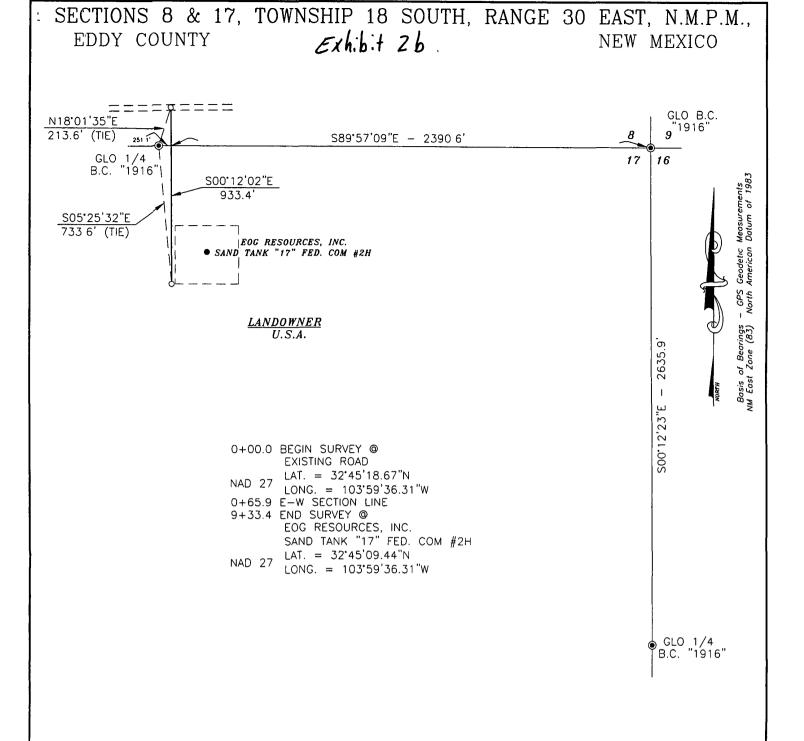
#### RESOURCES EOG

SCALE: 1"=1000

0

SAND TANK "17" FED. COM #2H LOCATED AT 560' FNL & 2385' FEL IN SECTION 17, TOWNSHIP 18 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO

| Survey Date: 03/07/11            | Sheet 1 o    | f 1 Sheets     |
|----------------------------------|--------------|----------------|
| W.O. Number: 110307WL-a (Rev. A) | Drawn By: KA | Rev: A         |
| Dote: 04/06/11                   | 110307WL-a   | Scale:1"=1000' |



### **DESCRIPTION**

A STRIP OF LAND 30.0 FEET WIDE AND 933.4 FEET OR 0.177 MILES IN LENGTH CROSSING U.S.A. LAND IN SECTIONS 8 & 17, TOWNSHIP 18 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.



# 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 "MINIMIUM STANDARDS FOR SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

Jessey J. Aspel Jr.M. R.P.S. No. 15079

Asel Surveying

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



DENOTES FOUND MONUMENT AS NOTED

500' 0 500' 1000' FEET

SCALE: 1"=500'

# EOG RESOURCES, INC.

SURVEY FOR A ROAD EASEMENT CROSSING U.S.A. LAND IN SECTIONS 8 & 17, TOWNSHIP 18 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO

| Survey Date: 03/07/11   | Sheet 1 of 1 Sheets          |
|-------------------------|------------------------------|
| W.O. Number: 110307RD-a | Drawn By: KA                 |
| Date: 03/18/11          | 110307RD-a.DWG Scale:1"=500' |

| 560' FNL & 2385' FEL, U/L B (SHL) S-17   |  | Woolley 2E So.Bay MAYS 10 MAY So. Bay 10 MAY So. Ba   | G-J PERM   | omer Annual Brighom  | BHL "B  |
|--|--|--|--|--|---|
| ** 660' FNL & 2310' FWL, U/L C (BHL) S-16  | Gen Amer Newmond Yates Petr  | Lieb GPII Gray Fet So. Boy For So. Boy Wookey, etgl A 14389 0457234  | IFG So Boy 7.FG 18 AD So But   | A A A State Sen American Stave   | nsf 372<br>H Shill Ster   |
| og Sec 17, 7185, R3UE  | Moder Sylvion  | TOS256 FO4.0072 POT A Contract O<br>(Tex Poc D/R) Pot A Contract O<br>028936 (Pecos Prod) (Philips)<br>Prop. 0559581   | (Pecos Prod )  Pecos Prod Pecos | d) 060525   0550579   03641  | Lake Shugari  |
| Eddy County, NM EXHIBIT 3  | 32 desertable  | Fed." TD 3797  | Pecos Prod sand ser  | Astonetoll 103-400   | يُّز دري <u>.</u><br>ايُّز دري ا  |
| Richard Men. Podelky 3.61 21:18 Error (700) 335 Scheuffe   | A-Frontinged Warbob  | 018 179   50 west   Engrand  | Pecos Fred Pecos 3.4 Prod Prod Prod Prod Prod Prod Prod Prod   | Pros Prod. 35 Stevens-1  | Pengrago  |
| 1123 Story a min series and series are series and series and series and series are series are series and series are series and series are series are series are series and series are series are series are series are serie | OXY 18 Z 190   | 33 JMO   | Woolley  | 3 Gussman +  | '3£y'''9- En  |
| (Enron 0.6. (EOG Rec D/R) Frankling 2 (Alog) New Yorks (Proposition 1) (Complete 1) | 99 95 340.07 2 40 21 1   | Fronting and Contain Adda. Four  | 10 48 0 40 32 31 40 42 F 40 4  | 1 1 40 43 # 40 20 11   |   |
| 6 1998   | Del Dase TD1905  | 34t. T   | (P/0) • EOG Res. EOG<br>(17Mij)01159   | Mewbourne Anadorko Mewbourne Oil (Anadorko Mewbourne Oil   |   |
| Tr. R L Roy 2 (Newmont) 4 H - AGE - 17 M S (Newmont) 1 3774 G (Newmont) 4 H - AGE - 17 M S (Newmont) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | Sandtank   (00) Pto  | 3 EOG Res. 01153 Menden0:1 4   | L000   H/LL  | Free Bit (1979) 10 10 10 10 10 10 10 10 10 10 10 10 10   | Read   Streets   Susie  |
| Start 1  | EOG Res 841<br>046256  | i (Franklin, Aston E, Fairl England  | (Being th) Melson Ped 1 9 MR   | Mewbourne Oil Membeurne Ho   |   |
| to it 726 Enerves 1 420 5 506 U.S. Frankin etal "C   | oppedge" (So Roy)  | Conklip de Control (Aller Control Cont   | Osc   Yates Pe   | Mewbourne (MD) Marting 8 7   | 121954  |
| Brinson 3 Yates Pet 31 Fig. 1 Fig. 2  | BHL 24   | H (EOGRES)   | <i>YVALIJERS</i>   | State E-78   | e) (M   |
| 17 Total B- Apagers - 21 (Newmont)   | Burlington   | 2008 EOG RCS. BHL  | EOG Res.   | (FOG Res) 3 Yates Pet FOG Res  | .0 <sup>t</sup><br>E0G Res<br>Sand Fed E(   |
| 13000der 1300c p.9 00 00 00 00 00 00 00 00 00 00 00 00 00  | (P/8) (Marr piec)  |  | OH Etc B   | HIL 1979 28097   | Ōì  |
| John (Enervest)-O tries bet 5 5 15 15 16 Marker Sono Tonk  | ranklinetal 4 TO 7941  | EOC Res,<br>26905  | 10 19 3926   | ii ii  | MIDLAND   |
| Hyport 15 1 3 1 22 18 17 2-A SHI BHL SHE BHL BHL   | Str Dig (B) Fed Com  | OK stier tions   | 06 Res.   D/A 8 18 73<br>18 P<br>6 3 es  | "Pennzoil-Fed"   | MIC   |
| trs (Leta) Yates Pet. 38 02 / Tr 21A 3 28 1 1 10 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16   | BHLUS Land U.  | GRes Backet  | OXY, etal LaRue & Muncy  | D, (II),   | "Arena Fed. (   |
| Tr. 7-A Newmont Edg Edg Edg AJ Smith   | omson Rable 1 B  | Res   1   200647   1   200647   1   200647   1   200647   1   200647   1   200647   1   200647   1   200647   1   200647   1   200647   1   200647   1   200647   1   200647   1   200647   1   200647   1   200647   1   200647   1   200647   1   200647   200647   1   200647  | MBP 27277 27277  | 050664   Devont n. 12   200  | 50  |
| 7 (100) (100 | TO A SOUTH A S | Southwest'n  | Burleson & Huff OXY,<br>Jones Fed 1 etal<br>103434 HBP   | Enron<br>Sand Tank   | SHUGAF<br>MAC   |
| 0497522 EOG Sond Tonk Sprith - Frod 19815 - 19915 - 19 | WAI ZI TT  | Taribe 1   | 15   27278   | LaRuse 4- Trigg  | Devon For   |
| A7311 U.S. 041311(2) Tonkled Tonk (3) O63621   | Samson Res<br>(EOC Res)<br>BHL<br>US Fee Com"  | Morbob EOG Res. 956  | Marbob<br>11/2016<br>338 Martin<br>1000 G07250   | McElvoin Pl9 016309 HBF<br>103236 23 056035<br>Negrbu  | 37881 €   |
| TA HEP 0427523 0437525 Monthourie - IN ECG Res   | Flog: PART Y   | Bezon State Traco"   | Garles"  | Brooks US   Expl   | To Dai bs 1 "Shugart W Fed!   |
| Marbob 2 15 200 2 16 200 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | - HBP HBP  | A ross Tonas   | (R J Jones) (1)  | 193285   T.Wilson et al Brewer<br>Mertin   028990 193683   | Merit (Neorburg Ext   |
| Curtis; 2 16 mont 6-mon charter - 19 Mewbourne Elliptoil   | 20   | og Rudfern, one only one of the or o   | 78 1776  | 4 <sup>5</sup> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | 011990 FO STUS  |
| Vales   Vales Bros. M.   Vales Bros. M   | Mgwboyrne 0il C<br>  | hevron 21<br>27281<br>NCT  | RJ Jones, et al (B H B)  HBP 058186  | 18330123   | Fed9  |
| 12 Jas 3 Tary 34204 Fine el Fi | Mywboyrne (ii) 9341804   9341804   9341804   9341804   9461804   9 | ARENA RES  | ((Marbob)  | BENSON SHUGART UT  | Yales Maringor<br>Pet, et al (Mangor<br>Pet, et al (Mangor<br>O 1899) Fed. W. Shug<br>Pet. Pet. Cred<br>Part Part Cred<br>Varies Pet. Charles   |
| (Elliott Oil)  Membeurne Oil  2 (Elliott Oil)  Membeurne Oil  2 (Elliott Oil)  (Description)  (Description)  (Description)  (Description)  (Description)   | FW Energy R.W.   | US (OPER)  | rena Res. Chevron IC E.LaRue   | CHESAPEAKE (OP)  | TAL POO   |
| 100    | HBP HBP (Ellion<br>27200 :27279 (III)<br>15 (Sunser)   Webb   27279  | Managan 2  | 77278 058186 (Marbob)  | Franklin, Aston  E. Fair to 36:20'  Chesapeake  A Mested  A Mested  Create  A Mested  Create  A Mested  A Mested  Create  A Mested  A Me | Yares Pet Challen   |
| 25 Orco Eed Com"  (Chevron) - 50%  (Monzono)   60%  (Monz | alghand white The  | 7 Wil C33175<br>NC7-1-8 7  | B" (Fed JA   | Chevaprone  | (50)  |
| (EDG D/R) 3633   1   1   1   1   1   1   1   1   1   | 112<br>114<br>1066719<br>NO  | BENSON W   | LaRate 27 Confirmation of the Confirmation of  | Phillips Annson Kourse B   | "Creek"   |
| TO SHE THE SHE SHE SHE   | Arendi (ON   | 7/4  | nerstone Fins McLean   | Gates James Benson Jawi  | Inc. 01375 15 15 15 15 15 15 15 15 15 15 15 15 15   |
| (Fine Of,C);  Worexco   OpenO2   OpenO2   OpenO2   OpenO2   OpenO3   OpenO3 | OSEllion  OSEllion  Simms  Reese)  McCloy  | The Arms of Ar   | 0 60 Arena 20 1 0 0 1 1 0 1 0 1 1 0 1 1 1 1 1 1 1  | OSY K.4. Styral * Concept of G   | Keinoth VIII  |
| 13 13 7 13 13 13 13 13 13 13 13 13 13 13 13 13   | 10/A12 13 65) HTD 3218    Yates En etal    E 2211  | And the state of t   | 028978 56 37 mm \$1.5555 PM  | Roy 93771 Honson or July 100 J | Pame Pac West To Exam Yares Pell B 2011 State   |
| Suns hims  | 2 BHL Store  | Apoche 19 3500 Dual (re  | 0, 33 Artna Res. 7<br>48 63 7/A 27277  | P West-oil evol oxy evolution at 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | A H Co.) Or Smor  |
| Story   Stor   | Codio He.  2 BML Errer (OFES) PETRONE PETRONE PROPERTY   | LaRue Commission Commission  | Hemmono EOG Russ   | 35-Riz" Fed Westall 2 SDX  | darboted 227  |
| 19 105 4 5 State 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | Texaco<br>Happ<br>E 9262 1 Morbob  | HESON (80% Upplice) 71:00 La Rue E. McCloy (100 Center) (000) Mining TOSSO 11:00 (100 Center) (100 Mining Tosso 11:00 Center)  | R Miles   R Westell   1/24/209   27217   | 35 RL 2   Sinsterg   36 RL 2   | retes IWESTI  |
| Grand Color of Color  | 4032 2 40.43 1 40 46 1   | And Annual Annua   | Gates peo 6  | 9  | CULWIN (C   |
| Charge Up  | ., // <b>I</b> D.J.  | Schutz + 52500 + 5<br>Schutz | 30 16 2   76 38   42 38 2 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 20 240 35 240 35 7 (C) Pecos Prod. Comores 1 | Tock Name II  |
|  | Subject of Educati   | 166 Senson Fee 75 Suppose 5 Suppose  | Bensen de Bensen   | HorderinorF   State   State   TO 1310   DA 9 8 45   O  | 60353 Bel Oung &  |
| 12 8 THE LAND THE PARTY OF THE  | 11 1 2015<br>11 4974<br>1800 00 1400 1400 1400 1400 1400 1400 14   | 5 1 2015 Fig. 1 2069<br>1139625 1396<br>1000000 1000   | Chutz  | Free To 367 Store Con Stor | 400 THE REPORT OF THE PARTY OF |
|  | 80%法?[[-九]   | Elliott Company of the Company of th   |  | DESIGN TO STORE CH   | F0560363) Take (4)  |