OCD-ARTESIA

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY 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.

SUBMIT IN TRIPLICATE *- Other instructions on reverse side.*

5. Lease Serial No.
NM 29414-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
RIDGE FEDERAL NO. 1

2. Name of Operator
E.G.L. RESOURCES, INC.

9. API Well No.
30-015-24175

3a. Address
PO BOX 10886, MIDLAND, TX 79702

3b. Phone No. *(include area code)*
432-687-6560

10. Field and Pool, or Exploratory Area
BALDRIDGE CANYON MORROW

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
487' FNL & 1,620' FWL, SEC 23, TWP 24S, RGE 24E

AUG 02 2007
OCD-ARTESIA

11. County or Parish, State
EDDY COUNTY, NEW MEXICO

12. CHECK 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	☑ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Update Well Record**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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 recomplete 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/BIA. Required subsequent reports shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

MIRU 10-19-2005. BWO. ND wellhead. NU BOP. Rlse pkr & POOH tallying tbg. RIH w/ bit & scraper and tag solid fill @ 10,984'. Did not clean out. POOH w/ bit & scraper. RIH w/ 10K frac plug on wireline and set @ 10,820'. RIH w/ perf gun & perforate 10,706' – 724' (36 holes), 10,726' – 736' (20 holes) and 10,772 – 782' (20 holes). RIH w/ pkr & On-Off tool picking up 2-7/8", 7.9 #/ft, P-110 frac string hydrotesting to 12,000 psi. Set pkr @ 10,620'. NU 15K frac tree. RU frac crew & CO2 trucks. Test csg & pkr to 500 psi. Held good. Frac Morrow formation perfs 10,706' to 10, 782' w/ 70 Quality CO2 ClearFrac fluid and 20/40 Bauxite proppant w/ stages from 0.5 ppa to 3.0 ppa. Hard screened out to 11,579 psi with 3.0 ppa on perfs. Pumped 9853 gallons frac fluid, 75 tons CO2, and 19,980 lbs. proppant with 15,469 lbs. proppant in formation. Avg Rate and Pressure: 8.3 BPM @ 3,743 psi. Max Rate = 9.6 BPM, Max pressure = 11,579 psi. Frac pressure bled off quickly following screen out and observe frac closure 8-1/2 minutes after shutting down. RD frac crew. Flow back well to tank. Set blanking plug in On-Off tool. LD frac string. RIH w/ prod tbg hydrotesting to 5,000 psig. Circulate pkr fluid & latch On-Off tool. Test csg to 500 psi. Test good. ND BOP, NU wellhead. Attempt to pull blanking plug from On-Off tool but found that it had fallen out of profile nipple and into casing below packer. Tag fill/sand in casing at 10,806' (KB). Flow and swab well for clean up. RD 11-1-2005. Flow well to tank for clean up. PWOP 11-21-2005. (See attached wellbore diagram)

ACCEPTED FOR RECORD

JUL 29 2007

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
JOHN A. LANGHOFF

Title PETROLEUM ENGINEER

Signature

Date 05/04/2007

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.

Office

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)

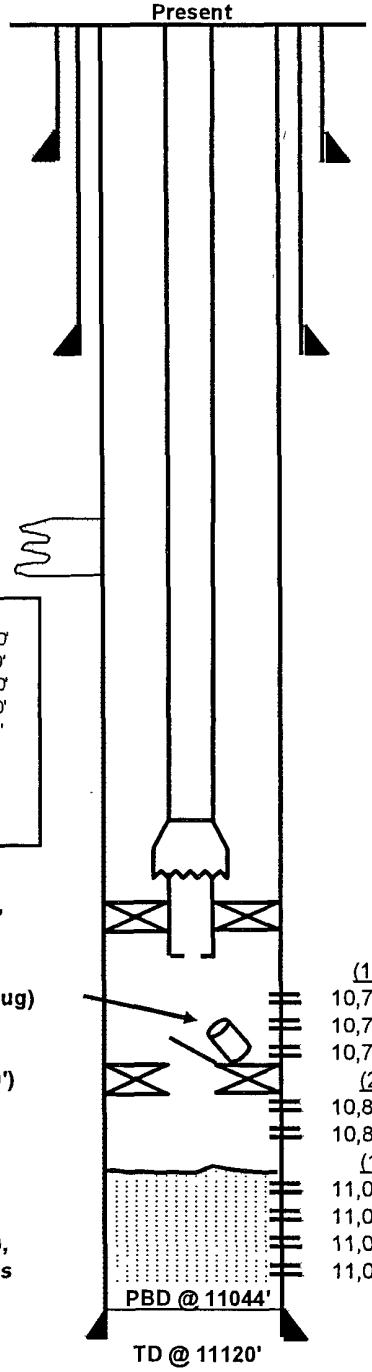
8/3/07

Accepted for record - NMOCD

WELL DATA SHEET

FIELD: Baldridge Canyon | **WELL NAME: Ridge Federal No. 1** | **FORMATION: Morrow**

LOC: 487' FNL & 1620' FWL | **COUNTY: EDDY** | **GL: 4639'** | **CURRENT STATUS: Producer**
SEC: 23 TWP: 24S RGE: 24E | **STATE: NM** | **KB to GL: 23.0'** | **API NO: 30-015-24175**



FILE: RIDGE_1_WBS.XLS
JAL 05-04-2007

Date Completed: 4/26/1983
Initial Production:0 BOPD / 0 BWPD / 1634 MCFGPD flowing with 2300 PSIG FTP on 12/64" choke.
Initial Formation: Morrow **From:**10842' **To:**11018'

Completion Data:
MIRU completion unit. RIH w/ 2-3/8" tbg Circ. w/ 2% KCl wtr Log & selectively perf 10,842' to 11,018'. Run pkr. Spot 7-1/2% MS acid across perfs. PUH & set pkr Test csg to 1500 psig Acidize w/ 3000 gal. 7-1/2% MS acid & 500 scf/bbl Nitrogen. Balled out twice during job. Flow well back to clean up. RD MOL. Place well on production.

Wellbore History:
05/96 RU swab unit. IFL @ 3600'. Swb to 6800'. Rec. 39 bbls w/ some drlg mud RD swab unit. MIRU rig POOH w/ pkr Found tbg leak. Hydrotest in finding 3 more holes. Set pkr @ 10,771'. Swb well down. 48 hr SIP = 900 psig. Place well online. Did not sell gas. Swb well dry in 3 runs. RD rig & MOL.
02/98 MIRU. Load tbg w/ 2% KCl. POOH w/ pkr LD tbg. RIH w/ RBP & pkr PU new tbg. Isolate hole in csg 8,517' to 8,585' w/ circ up surf csg. Cmt sqz leak w/ 150 sxs. Drl out cmt. PU frac string & pkr testing in hole to 12000 psig. Set pkr. Frac w/ 21,000 lbs. 20/40 econoprop using 70% quality CO2 40% methanol. Screened out w/ 7,600 lbs. proppant in formation. Flow back to pit. Clean out w/ coiled tbg to PBTD. Attempt to set plug in profile nipple but it would not set. Kill well w/ 3% KCl wtr. Pull pkr LD frac string. Run pkr & 2-3/8" tbg. Swb well in & PWOP.
09/99 RU wireline to add perfs through tbg. Found pkr @ 10,720' Perf 10,772'-82' (41 holes) and 10,726'-36' (41 holes). RD wireline.
10/05 MIRU. BWO, dead. Load tbg & csg. POOH w/ pkr. RIH w/ bit, tag bridge @ 10,954' (fell thru) & tag solid @ 10,984'. Did not clean out. POOH w/ bit Wireline set 10K frac plug @ 10,820'. Add perfs 10,706'-24', re-perf 10,726'-36' & 10,772'-82'. Hydrotest in w/ 2-7/8" P-110 frac string Set pkr @ 10,620'. NU 15K frac tree Frac well w/ 70Q CO2 Clearfrac fluid & 20/40 Bauxite placing 15,469# proppant in formation before hard screen out. Avg rate & pressure = 8 3 BPM & 3,743 psi. Max rate & pressure 9.6 BPM & 11,579 psi. Pressure depleted quickly to formation following screen out. Flow well back for clean up Set blanking plug in profile nipple LD frac string. RIH w/ prod tbg & latch onto pkr. Attempt to fish blanking plug but it was missing. Swab and flow well back. MOL

Additional Data:
DST #1 - 9840'-9910' (Strawn sand) Op 30", SI 1', Op 2.5', & SI 5.5'. GTS 29". SFP stabilized at 60 psi on 1/2" ck - 470 MCFPD Rec. 834' GCDM. SC/R @ 2900# was 49 CFG + 250 cc GCDM 30" FP 232#, 1' ISIP 3947#, 2.5' FP 328#, and 5.5' FSIP 4002#.
DST #2 - 10560'-10660' (Upper Morrow). Op 30", SI 1', Op 1', & SI 2.5'. Rec. 750' GCDM. SC/R @ 35# was 0.175 CFG + 750 cc DM 30" FP 194# 1' ISIP 555#, 1' FP 194#, 2.5' FSIP 1750#.
DST #3 - 10680'-10810'. Op 30", SI 1', Op 1.5', & SI 4'. GTS 7" on 1/4" ck. SFP 1075# at end of preflow - 1,650 MCFPD SI 1'. Open on 1/2" ck. SFP stabilized @ 800# after 67" of flow - 5,104 MCFPD. Rec. 620' HGCDM. SC/R @ 1700# was 5 CFG + trace DM. 30" FP 1066#. 1' ISIP 4053#, 1 5' FP 1777#, 4' FSIP 4053#.
DST #4 - 10824'-10891'. Op 30", SI 1', Op 198", & SI 396". GTS 30" on 1/4" ck. Reopen on 1/4" ck. SFP 70# after 1' - 125 MCFPD SFP 180# after 2' - 287 MCFPD. SFP 270# after 3' - 420 MCFPD. SFP 285# after 198" - 442 MCFPD. Rec. 1586' GCDM. SC/R @ 630# was 6 CFG + 800 cc GCDM. 30" FP 139#, 1' ISIP 4081#, 198" FP 639#, and 396" FSIP 4081#.