Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 10 2016
RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-015-23673

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No. NM-52865

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: Runyan "30" State Com.

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

8. Well Number 1

2. Name of Operator E. G. L. Resources, Inc.

9. OGRID Number 173413

3. Address of Operator P. O. Box 10886, Midland, TX 79702

10. Pool name or Wildcat: Bunting Ranch Morrow

4. Well Location
Unit Letter N : 990 feet from the South line and 1980 feet from the West line
Section 30 Township 19S Range 23E NMPM County Eddy

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 4,114' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

FOLLOWING PROCEDURE based upon previously approved Form C-103 dated 2/3/2004 and approved 2/18/2004.

MI & RU PU. Bleed down pressure. POOH LD 2-3/8" tbg to 7,578'. RU cementers. Load hole with 10 ppg brine & spot 25 sxs cmt plug from 7578' – 7200'. WOC & Tag. POOH LD tbg to 6,250'. Spot 25 sxs cmt plug from 6250' – 5872'. WOC & Tag. POOH w/ tbg. Perf csg @ 4700'. RIH w/ pkr. Squeeze cement placing 100' cement plug inside & outside of casing from 4600' – 4700'. POOH w/ pkr. RIH w/ OE tbg to 3575. Spot 25 sxs cmt plug from 3575' – 3197'. POOH LD tbg to 2825'. Spot 25 sxs cmt plug from 2825' – 2447'. POOH. Perf csg at 1650'. RIH w/ pkr. Squeeze cement placing 100' cement plug inside & outside casing from 1550'- 1650'. WOC & Tag. POOH w/ pkr. Perf csg @ 60'. Squeeze cement placing 100' cement plug inside & outside of casing surface – 60'. WOC 24 Hours. Tag. Cut off wellhead. Install P&A marker. Remove all equipment on location. Clean location. RD & MOL.

DURING THIS PROCEDURE WE PLAN TO USE THE CLOSED-LOOP SYSTEM W/ A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL PER OCD RULE 19.15.17.

Spud Date: Rig Release Date:

WELL MUST BE PLUGGED BY 8/11/2017

Approved for plugging of well bore only. Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms. www.emnrd.state.nm.us/ocd.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

LOOK AT SCHEMATIC

SIGNATURE [signature] TITLE PETROLEUM ENGINEER DATE AUG 5, 2016

Type or print name John A. Langhoff E-mail address: johnl@eglresources.com PHONE: 432-687-6560

For State Use Only

APPROVED BY: [signature] TITLE COMPLIANCE OFFICER P2AS DATE 8/11/2016

Conditions of Approval (if any):
SEE ATTACHED COA-S

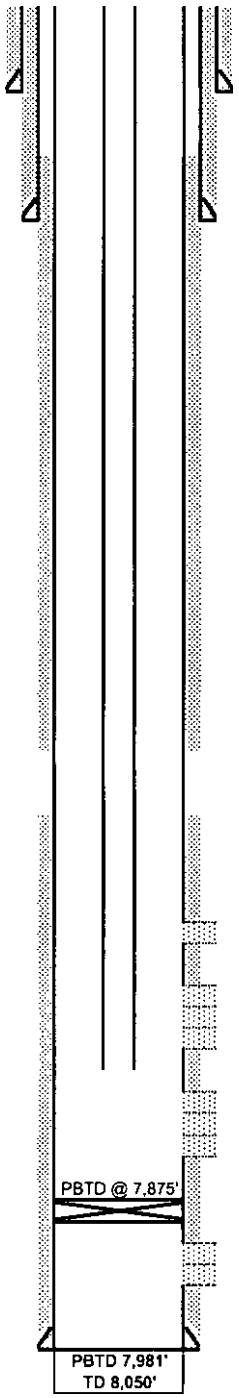
Runyan 30 State Com #1

Field: Bunting Ranch; Morrow (Gas)

Location:	
Footage:	990' FSL & 1,980' FWL
Unit Letter	N
Section	30
Township	19-S
Range	23-E
County & State	Eddy County, New Mexico
Lat.& Long.	32.6269379 & -104.7325439 (NAD83)

Elevations:	
Ground Level:	4,114'
Rig Floor AGL:	12'
KB Elevation:	4,126'

Current Wellbore Diagram



Well ID Info:
API No: 30-015-23673
SPUD DATE: February 25, 1981

Hole Size: 17-1/2" to 317'
Surface Csg: 13-3/8", 54.5 #/ft, K-55, STC Set @ 317' (KB), Cmt w/ 400 sxs Cl. C w/ 2% CaCl2. Top out cmt w/ 8 yards. Cmt @ surf.

Hole Size: 12-1/4" to 1,595'
Int. Csg: 8-5/8", 24 #/ft, K-55, ST&C casing set @ 1,595' (KB), Cmt w/ 200 sxs Thixoment, 650 sxs litewate cmt & 250 sxs Cl. C cmt. Circ 400 sxs cement to surface.

Formation Tops (Measured Depth)
San Andres @ 706'
Glorieta @ 1,521'
Tubb @ 2,752'
Abo @ 3,396'
Wolfcamp @ 4,700'
Pennsylvanian @ 5,830'
Strawn @ 7,032'
Atoka @ 7,257'
Morrow Limestone @ 7,688'
Morrow Clastics @ 7,794'
Chester @ 8,005'

CSG LEAK 4,010' TO 4,105'
CMT SQZ'D W/ 550 SXS
EST. TOC @ 1,216'

ORIG. TOC @ 5,224'

Cisco Formation (2 SPF)
6,170' - 6,190'

Atoka Formation (2 SPF)
7,284' - 7,290'
7,444' - 7,450'
7,530' - 7,540'

Morrow Formation (1 SPF)
7,697', 7,699', 7,701', 7,711', 7,712', 7,731', 7,733', 7,735', 7,765', 7,766', 7,810', 7,811', 7,845', 7,847', and 7,849'

CIBP @ 7,900' capped w/ 2 sxs cmt
Morrow Formation (1 SPF)
7,907', 7,908', 7,919', 7,920', 7,965', 7,966', and 7,967'

Hole Size: 7-7/8"
Prod. Csg: 4-1/2", 11.6#, K-55 LT&C Set @ 8,025'. Cement with 950 sxs 50:50 Poz:H cement. TOC @ 5,224' by Temp. Surv.

History	
DATE	EVENT
02/25/81	SPUDDED WELL WITH CABLE TOOL RIG
06/03/81	COMMENCED DRILLING W/ ROTARY RIG
06/05/81	SET AND CEMENT SURFACE CASING STRING
06/08/81	SET AND CEMENT INTERMEDIATE CASING STRING
06/30/81	TOTAL DEPTH @ 8,050'
06/30/81	RUN OPEN HOLE WIRELINE LOGS
07/03/81	SET AND CEMENT PRODUCTION CASING STRING
07/03/81	TEMPERATURE SURVEY FOUND CEMENT TOP AT 5,224'
08/20/81	SET CIBP @ 7,900' W/ 2 SXS CMT. ACDZ PERFS 7697' - 7849'.
08/24/81	FRAC PERFS 7697' - 7849' W/ 90,000# SAND
09/19/81	AOF TESTED 1,298 MCFD W/ 1,617 PSI FTP. SI FOR PIPELINE CONN.
08/10/82	PIPELINE CONNECTION. INITIAL PRODUCTION 490 MCFPD & 15 BWPD.
01/15/94	INSTALL PLUNGER LIFT. PRODUCING 20 MCFPD.
02/21/94	REMOVE PLUNGER LIFT.
09/13/96	RAN FLOWING GRADIENT SURVEY. BHFP = 1010.4 PSIA.
07/13/03	REPAIR CSG LEAK 4,010'-4,105'. ADD PERFS 7,284' TO 7,540' AND
	CISCO PERFS 6,170' TO 6,190'. ACIDIZED AND SWAB TSTD. RTP.
08/30/05	SWAB AND RETURN TO PRODUCTION

Tubing Detail (top to bottom)			
Joints	Description	Footage	Depth
	KB	12.00	12.00
243	2-3/8" 4.7#/ft J-55	7,675.28	7,687.28
1	2-3/8" Seat Nipple	1.10	7,688.38

Rod Detail (top to bottom)			
Rods	Description	Footage	Depth

Runyan 30 State Com #1

Field: Bunting Ranch; Morrow (Gas)

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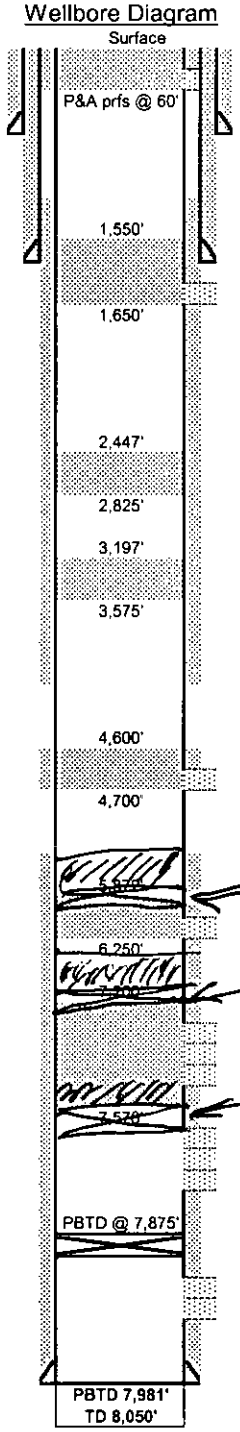
Unit Letter	N
Section	30
Township	19-S
Range	23-E
County & State	Eddy County, New Mexico
Lat.& Long.	32.6269379 & -104.7325439 (NAD83)

Elevations:	
Ground Level:	4,114'
Rig Floor AGL:	12'
KB Elevation:	4,126'

IF YOU CHOOSE TO PLUG ALL THE PERFS SEPERATE - YOU NEED TO SET CIBPS - CMT - WOC 4 HRS & TAG EACH ZONE - OCD REQUIRES A CIBP 100' OR LESS ABOVE UPPER MOST PRODUCING ZONE (CISCO) - 100' PLUG - WOC 4 HRS & TAG -

Plug and Abandon
Wellbore Diagram



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P&A perfs @ 1,650' — WOC & TAG

CSG LEAK 4,010' TO 4,105'
CMT SQZ'D W/ 550 SXS
CALC TOC @ 1,216'

P&A perfs @ 4,700' — WOC & TAG

ORIG. TOC @ 5,224'

Cisco Formation (2 SPF)
6,170' - 6,190'

CIBP @ 6100 WOC & TAG SPOT 100' PLUG

CIBP @ 7200' SPOT 100' PLUG WOC & TAG

Atoka Formation (2 SPF)
7,284' - 7,290'
7,444' - 7,450'
7,530' - 7,540'

CIBP @ 7600' SPOT 100' PLUG WOC & TAG

Morrow Formation (1 SPF)
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CONDITIONS FOR PLUGGING AND ABANDONMENT

District II / Artesia N.M.

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, **Notify NMOCD District Office II at (575)-748-1283 at least 24 hours before beginning work.**

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. **Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.**
7. Produced water **will not** be used during any part of the plugging operation.
8. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
9. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
10. **Class 'C' cement will be used above 7500 feet.**
11. **Class 'H' cement will be used below 7500 feet.**
12. **A cement plug is required to be set 50' above and 50' below, all casing shoes, casing stubs, DV tools, attempted casing cut offs, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged**
13. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
14. **A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.**
15. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, **(WOC 4 hrs and tag).**
16. No more than **3000' is allowed between cement plugs in cased hole and 2000' in open hole.**

17. Formations to be isolated with cement plugs are:
    A) Fusselman
    B) Devonian
    C) Morrow
    D) Wolfcamp
    E) Bone Springs
    F) Delaware
    G) Any salt sections
    H) Abo
    I) Glorieta
    J) Yates.
    K) **Potash**--- (In the R-111-P Area (Potash Mine Area), a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, **WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.**
18. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, and cement will be set 50' below formation bottom to 50' above formation top inside the casing

DRY HOLE MARKER REQUIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. **Operator name**
2. **Lease and well number**
3. **API number**
4. **Unit letter**
5. **Quarter section (feet from North, South, East or West)**
6. **Section, Township and Range**
7. **Plugging date**
8. **County**

(SPECIAL CASES)

AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)