

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
OCD Artesia

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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.*

5. Lease Serial No.  
NMNM15881

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. SLINKARD UR FED 1
2. Name of Operator EOG Y RESOURCES INC Contact: KAY MADDOX E-Mail: Kay_Maddox@EOGRESOURCES.com		9. API Well No. 30-015-23698-00-S1
3a. Address 104 S 4TH STREET ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 432-686-3658	10. Field and Pool or Exploratory Area E BURTON
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T20S R29E SENE <i>1980' FNC + 660' FEL</i>		11. County or Parish, State EDDY COUNTY, NM

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

EOG PROPOSES TO PLUG AND ABANDON THIS WELL USING THE ATTACHED PROCEDURE. THE CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ATTACHED.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

DEC 12 2018

RECEIVED

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

**ENTERED**

*GC 12-17-18*  
Accepted for record - NMOCD

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #446088 verified by the BLM Well Information System  
For EOG Y RESOURCES INC, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 12/03/2018 (19DLM0153SE)

Name (Printed/Typed) KAY MADDOX	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 12/03/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <i>James P. [Signature]</i>	Title <i>SPEET</i>	Date <i>12-6-18</i>
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 <i>CHO</i>

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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***



30-015-23698	Slinkard UR Federal #1	H-11-20S-29E
EOGY	3315 GL, 3338 KB, 23 Zero	1980 FNL, 660 FEL
WI	Working Interest	27.50%
NRI	Net Revenue Interest	30.08%
Taxes	Taxes	6.00%

**Workover Procedure AFE # 110446**

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94# in place	40'	26"	redi-mix	
13-3/8"	48# in place	659'	17-1/2"	600 SX	
8-5/8"	28#	3256'	10-5/8"	2780 SX	
7"	126#	9000'	7-7/8"	600 SX	
29. 5-1/2"	17-20#	2220'	6-1/8"	30. 650 SX	30. 650 SX

Perforations: 10,690 to 10,854 (3 stages)

**Executive Summary:**

Tag existing CIBP, dump bail cement, spot cement at depths, tag surface, P&A well

**Workover Procedure:**

- MIRU, NDWH, NUBOP
- RIH with tubing work string, tag existing CIBP (11,750)
- Spot 35 Dump bail 25 sacks of Class <sup>H</sup>/<sub>2</sub> cement on top of tagged CIBP, WOC or Dump Bail 35' class H.
- Tag first plug, PUH
- Pump 75 sacks of Class <sup>H</sup>/<sub>2</sub> cement from 10,900 to <sup>10625</sup>10,650, WOC (stew) )
- Tag second plug, PUH
- Pump 50 sacks of Class <sup>H</sup>/<sub>2</sub> cement from <sup>9088 8898</sup>9,050 to 8,950, WOC (wolf comp)
- Tag third plug, PUH Add Plug from 6058 - 5898 (25 SX min) (Base Spring)   
 J. Bono 12-6-18
- Pump 50 sacks of Class C cement from ~~3,300~~ 3,200 to ~~3,200~~ 3,195, WOC (T/De). & Shoe & B/salt
- Tag fourth plug, PUH
- POOH with WS, RIH with perforating guns
- Perforate at ~~1,275~~ 1500 (T/salt)
- RIH with WS
- <sup>502</sup> Pump 50 sacks of Class C cement from ~~1,275~~ <sup>1500</sup>1,275 to 350, WOC
- Tag fifth plug, PUH Perf @ 150.
- <sup>502</sup> Pump 25 sacks of Class C cement from 150 to 0, WOC

17. Confirm final plug, NDBOP, make final cut of production

18. Install dry hole marker

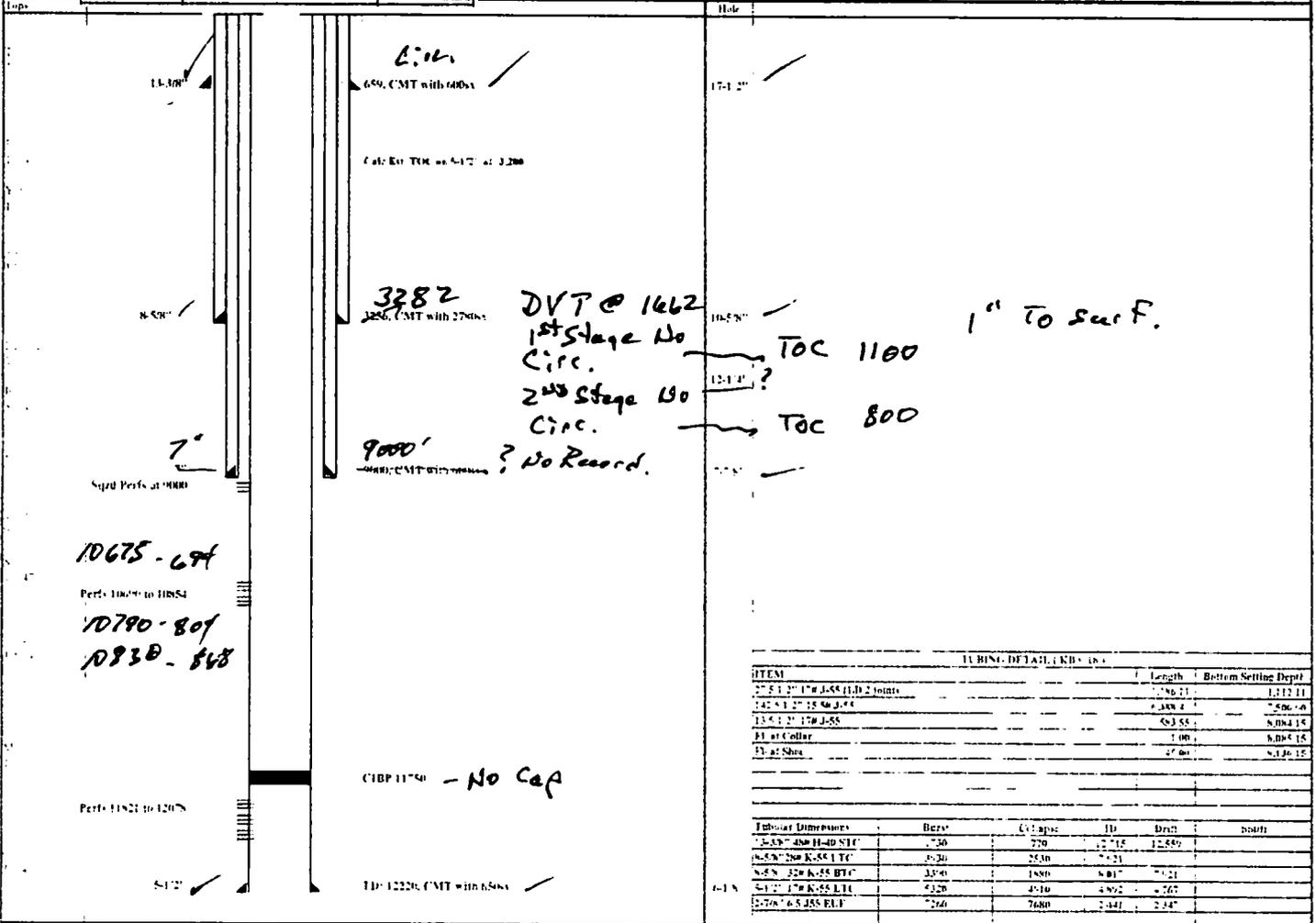
19. RDMO P&A rig, turn site over to reclamation team

Production Engineer: \_\_\_\_\_ Date: 11/29/2018  
Alan Covington

XC-015-23070 ELUG	Standard Oil Federal #1 3115 GAL. 3130 GAL. 23 2870	11-23-000-795 1980-NL-000-761
W	Working Interest	27.84%
W	Net Revenue Interest	30.06%
Owner	Total	57.90%

**Geog resources**  
energy opportunity growth

DRIVING  
AT REVISED  
NO. 100



ITEM	Length	Bottom Setting Depth
27 5/8" 170 K-55 (1.D) 2 joints	1346.21	1,177.11
24 1/2" 170 K-55 3 J	7,300.7	7,506.76
13 5/8" 170 K-55	63.55	8,084.15
21" at Collar	1.00	8,085.15
21" at Shoe	27.00	8,112.15

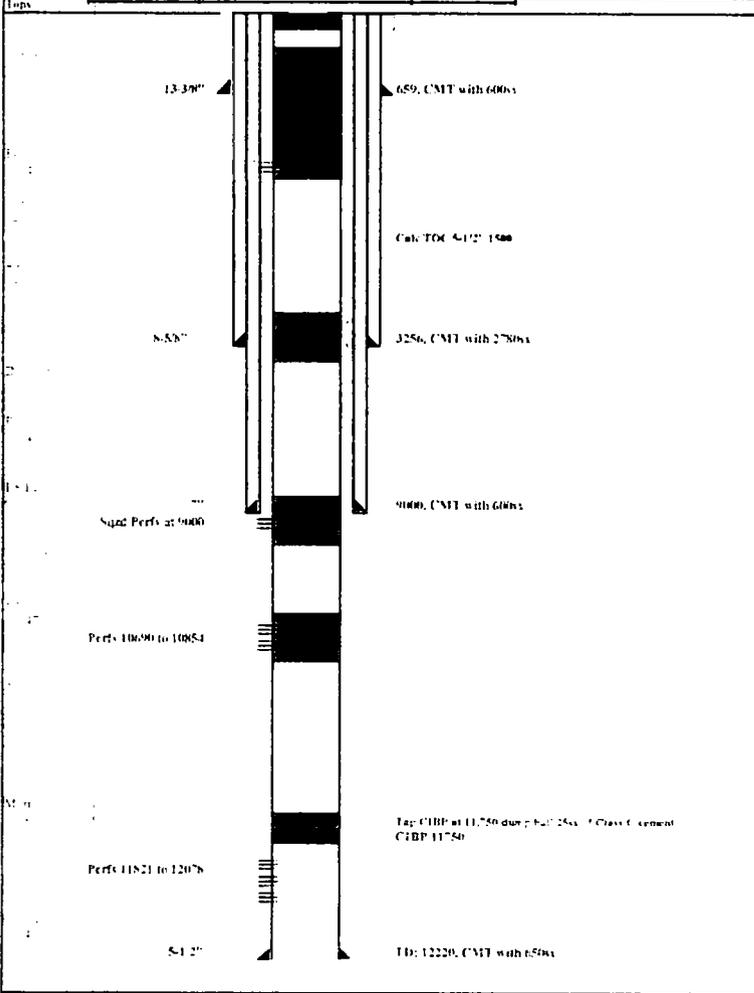
Item	Bar	Clamp	ID	Drill	Depth
27 5/8" 170 K-55 (1.D) 2 J	730	770	17.15	12,550	
24 1/2" 170 K-55 3 J	3,200	2,500	17.21		
13 5/8" 170 K-55 1 J	3,000	1,800	14.01	7,121	
21" 170 K-55 1 J	4,000	4,000	14.50	7,571	
21" 170 K-55 1 J	700	700	14.50	7,871	

- T/salt 1450
- B/salt 3245
- Del 3400
- BS 6008
- WC 9038
- ST 10644
- AT 10800
- MR 11450

30-C15-23020 PLUG	Standard UR Federal #1 \$313.0L, \$530.45, 23.28FD	11-11-2023-23C 1950 PNL 000 PBL
WAI	Working Interest	27.50%
NR	Net Revenue Interest	30.00%
TaxRate	TATPR	0.00%



SPC  
DRILLING  
LAST REVISION  
W1  
100



Hole

Spot 25% of Class C cement from 150' - C and TAG

Perf and Square 50% of Class C cement from 127' - 150 and TAG (cement base of salt top of Salt and 12-37\"/>

11-12\"/>

Spot 50 % of Class C cement from 350' - 320' and TAG (0-50\"/>

10-48\"/>

12-14\"/>

7-79\"/>

Spot 50 % of Class C cement from 905' - 875' and TAG (1\"/>

Spot 75 % of Class C cement from 10900' - 10850' and TAG

TUBING DETAIL (KBS) IS		
ID (M)	Length	Bottom Setting Depth
12.75 1/2" 170 J-55 (L.D. 2 Joints)	1,186.11	1,112.11
14.25 1/2" 15.50 J-55	6,385.49	7,500.60
13.5 1/2" 170 J-55	583.55	8,084.15
Floor Collar	1.00	8,085.15
Floor Shoe	45.00	8,130.15

Tubular Dimension	Burst	Collapse	ID	Drift	OD
12.75" 450 H-40 STC	1730	770	12.715	12.550	
8.50" 200 K-55 LTC	332	2530	8.421	8.21	
8.50" 320 K-55 BTC	3390	1800	8.417	8.21	
6-1/2" 170 K-55 LTA	5320	4910	6.492	6.31	
2-7/8" 6.5 J55 EUL	7260	7600	2.441	2.347	

**In the event of an accident/safety incident involving EOG employees or contract personnel contact:**

Name	Title	Cell	Office
Brian Chandler	Safety Manager	817-239-0251	817-806-0486
Ashley Mayfield	Sr. Safety Rep	432-258-7998	432-686-3662

**In the event of a spill or environmental release contact:**

Name	Title	Cell	Office
Zane Kurtz	Sr. Environmental Rep	432-425-2023	432-686-3667
Jamon Hohensee	Environmental Rep	432-556-8074	
Doug Lowrie	Environmental Manager	432-425-6923	432-686-3755

**Production Department Contacts:**

Name	Title	Cell	Office
Mario Arevalo	NM Prod. Superintendent	940-231-8118	575-738-0397
Aaron Bishop	Production Foreman	575-703-6527	
Junior Orquiz	Sr. Production Foreman	575-703-5071	
Joe Palma	Production Foreman	575-365-5562	
Alan Covington	Sr. Production Engineer	432-214-3519	432-686-9101
Eric Burkholder	Lead Production Engineer	817-374-3321	432-686-3682
Brice Letcher	Sr. Production Engineer	575-748-5021	432-686-6965
James Keeton	Sr. Production Engineer	940-391-6856	432-686-3635
Joey Damiano	Sr. Production Engineer	817-739-8042	432-686-3675
Ron Willett	Production Advisor	432-230-2135	432-686-3775
Randy Lewellen	Production Superintendent	682-478-8879	432-686-3710

**Completions Department Contacts:**

Name	Title	Cell	Office
Alex Richter	Completions Engineer Advisor	432-634-9148	432-686-3638
Tom Redd	Completions Engineer Advisor	303-854-8605	432-686-3674

**Police/Fire/Hospital Contacts**

Fire	911
Sheriff (Eddy County)	575-887-7551
Sheriff (Lea County)	575-396-3611
Hospital – Carlsbad Medical Center (Carlsbad, NM)	575-887-4100
Hospital – Lea Regional Medical Center (Hobbs, NM)	575-492-5000
Hospital – Nor-Lea General Hospital (Lovington, NM)	575-396-6611
Hospital – Winkler County Memorial Hospital (Kermit, TX)	432-586-5864

BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

**Permanent Abandonment of Federal Wells  
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.**

**The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.