

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

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised August 1, 2011

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

WELL API NO. 30-005-00835
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 303735
7. Lease Name or Unit Agreement Name ROCK QUEEN UNIT
8. Well Number 015
9. OGRID Number 370922
10. Pool name or Wildcat CAPROCK; QUEEN
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4426'

HS BS OCD
 APR 25 2018
 RECEIVED

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.)

1. Type of Well: Oil Well Gas Well

2. Name of Operator
REMNANT OIL OPERATING. LLC

3. Address of Operator
PO BOX 5375, Midland, TX 79704

4. Well Location
 Unit Letter E : 1980 feet from the N line and 660 feet from the W line
 Section 23 Township 13S Range 31E NMPM County CHAVES

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

<p>NOTICE OF INTE</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> F</p> <p>TEMPORARILY ABANDON <input type="checkbox"/> C</p> <p>PULL OR ALTER CASING <input type="checkbox"/> M</p> <p>DOWNHOLE COMMINGLE <input type="checkbox"/> R</p> <p>OTHER: _____</p>	<p>SUBSEQUENT REPORT OF:</p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/></p> <p>CASING/CEMENT JOB <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>
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INT TO PA
P&A NR *PM*
P&A R

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.

SEE ATTACHED

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

SIGNATURE Carie Stoker TITLE **Regulatory Affairs Coordinator** DATE: 04/18/2018

Type or print name **Carie Stoker** E-mail address: **carie@stokeroilfield.com** PHONE: **432.664.7659**

APPROVED BY: _____ TITLE _____ DATE 5/1/2018

Conditions of Approval (if any):

FOR RECORD ONLY

3/9/2018

MIRU. RIH with wireline to set CIBP. CIBP set at 2960'. Start in hole with tbg. Tbg. Landed at 2959' Break circulation/establish rate down the tubing. Start cement down the tbg at 14.8 ppg. Shut down cement, start fresh water displacement down tbg. Shut down displacement/open bypass. Cement balancing. RD cement lines from the tubing. PUH with tbg LD to 2705'. Start circulating well with gelled brine water. Well circulated with brine. SD. PUH LD 10jts of tbg. POOH with tbg. Tbg out of the hole. RIH with wireline. Plug 1 tagged at 2742'. PUH w/WL. Perf at 2205'. Trip in hole with tbg 0 2297'. Tbg landed at 2297'. Break circulation/establish rate down the tubing. Start cement down the tbg @ 14.8 ppg. Switch to gelled brine water for displacement. Shut down displacement/open bypass. Cement balancing. RD cement lines from the tubing. PUH LD tbg to 1500'. RU on tbg. Pressure up to Squeeze cement. Squeeze cement at 350 psi. Isolate tbg, csg. Bleed off tbg, csg. TOOH with tbg. RIH with wireline. Tag cement plug at 2004'. PUH w/wireline. Perf at 1450'. PUH w/wireline. Perf at 274'. Isolate well. SIFN.

3/10/2018

TIH with tbg to 1575'. Tbg landed at 1575'. Start fresh water spacer down the tubing. Start cement down the tbg. At 14.8 ppg. Shut down cement, start fresh water displacement down tbg. Switch to gelled brine displacement down the tbg. Shut down displacement/open bypass. Cement balancing. RD cement lines from the tubing. POOH with tbg. WOC. Tbg out of the hole. RIH with tbg to tag cement. Cement tagged at 1355'. POOH LD tbg. Top off casing with cement.



	Date:	Time:
Truck Called:	3/9/18	06:00
Arrived at job:	3/9/18	08:00
Start Job:	3/9/18	12:20
Finish Job:	3/10/18	13:45
Leave Location:	3/10/18	14:30

Job Log

Integrated Cement and Acid LLC		Customer Name: Remnant Oil Operating, LLC		Ticket Number:		REM_031018A	
P.O. BOX 607		Lease Name: Rock Queen Unit		Supervisor: Will Rodgers			
Hobbs, New Mexico 88241		Well #: 15		County: Chavez			
OFFICE #		Type of Job: Plug to Abandon		CUSTOMER REPRESENTATIVE: Javier Velasquez			
FAX #		Date: March 10, 2018					
Tubing Size:	2 3/8	Casing size:	5.5	Liner size:			
Tubing weight:	4.7	Casing weight:	14	Top of Liner:			
Tubing bbl/lnft	.00387	Total Depth:	3038	Bottom of Liner:			
Retainer depth:		Total Pipe:		Annular Volume:			
Packer depth:		Open Hole:		BHST:			
Perfs:		Shoe Joint:		BHCT:			
Holes in casing:		Displacement:	bbls	Maximum:			Psi
		Pre-Flush:	bbls				

Sks.		Cement Additives							
Plug #1	25	Class C							
	Cmt. Wt.	14.80	Yield	1.32	Gal/sk	6.34	Mixing Water:	3.77	:bbls
							Total Ft. ³ :	33.00	ft. ³
Plug #2	25	Class C							
	Cmt. Wt.	14.80	Yield	1.32	Gal/sk	6.34	Mixing Water:	3.77	:bbls
							Total Ft. ³ :	33.00	ft. ³
Plug #3	25	Class C							
	Cmt. Wt.	14.80	Yield	1.32	Gal/sk	6.34	Mixing Water:	3.77	:bbls
							Total Ft. ³ :	33.00	ft. ³
Surface Plug	150	Class C							
	Cmt. Wt.	14.80	Yield	1.32	Gal/sk	6.34	Mixing Water:	22.64	:bbls
							Total Ft. ³ :	198.00	ft. ³
Total sks:	225	sk.	Total Bbls. Cmt.:		:Bbls	Total Water for Job:			
Total Ft. ³ :	297	ft. ³	Total Mix Water:	33.96	:Bbls	33.96	:Bbls		

Acid Systems							
Acid System:		Gallons					
Diverter:		Balls				Coarse Rock Salt	
	Injection Rate:		Job Pressures		<h3>Job Log Remarks:</h3> <p>3/9/2018</p> <p>Arrive on location. Conduct assessment.</p> <p>Wait for equipment to be spotted on location.</p> <p>Spot bulk equipment and pump truck.</p> <p>RIH with wireline to set CIBP.</p> <p>CIBP set at 2960'</p> <p>Tbg arrived on location.</p> <p>BOP arrived on location. MU BOP on wellhead.</p> <p>Start in the hole with tbg.</p> <p>Tbg landed at 2959'.</p> <p>Hold Pre job safety meeting with crews.</p>		
Time	Rate:	Bbls in	Density	Tbg psi			Csg psi
08:00							
08:10							
08:30							
09:20							
09:35							
09:35							
10:15							
11:10							
12:05							
12:10							
SERVICE REPRESENTATIVE:	Signature Please			CUSTOMER REPRESENTATIVE:		Signature Please	
Will Rodgers				X			



Ticket Number:

REM_031018A

Customer: Remnant Oil Operating, LLC
 Date: 3/12/2018

Lease: Rock Queen Unit
 Well: 15
 Job Type: Plug to Abandon

Time	Injection Rate:			Job Pressures		Job Log Remarks:
	Rate:	Bbls in	Density	Tbg psi.	Csg psi	
						3/9/18 continued
12:20	2.5		8.33	90		Break circulation/ establish rate down the tubing.
12:25	2.5	10	14.8	90		Start cement down the tbg at 14.8 ppg.
12:28	2.5	5.921	8.33	20		Shut down cement, start fresh water displacement down tbg
12:32	2.5	9.5	8.33	-20		Shut down displacement/ open bypass.
12:35						Cement balancing. RD cement lines from the tubing.
12:35						PUH with tbg LD to 2705'.
12:50	2.5		9.5	90		Start circulating well with gelled brine water.
13:15						Well circulated with brine. SD.
13:30						PUH LD 10 jts of tbg.
13:40						POOH with tbg.
14:45						Tbg out of the hole.
14:48						RIH w/ wireline. Plug 1 tagged at 2742'.
15:00						PUH w/ WL. Perf at 2205'.
15:30						Trip in hole with tbg o 2297'
16:15						Tbg landed at 2297'.
16:20	2.5		8.33	250		Break circulation/ establish rate down the tubing.
16:25	2.5	10	14.8	270		Start cement down the tbg @ 14.8 ppg.
16:30	2.5	5.921	8.33	110		Shut down cement/ start fr wr spacer down tbg.
16:31	2.5	2	9.5	90		Switch to gelled brine water for displacement
16:34		5	9.5	-20		Shut down displacement/ open bypass.
16:35						Cement balancing. RD cement lines from the tubing.
16:36						PUH LD tbg to 1500'.
17:10						RU on tbg. Pressure up to squeeze cement.
17:12						Squeeze cement at 350 psi. Isolate tbg, csg.
18:10						Bleed off tbg, csg.
18:15						TOOH with tbg.
18:45						RIH with wireline.
19:00						Tag cement plug at 2004'.
19:05						PUH w/ wireline. Perf at 1450'
19:10						PUH w/ wireline. Perf at 274'.
19:20						Isolate well. SIFN.
19:30						Integrated crew released for night.
						3/10/2018
07:30						Arrive on location. Conduct assessment.
07:35						TIH with tbg to 1575'.
08:20						Tbg landed at 1575'.
08:20						Hold pre job safety meeting w/ crews.
08:35	1.5		8.33	90		Start fresh water spacer down the tubing.
08:39	1.5	10	14.8	90		Start cement down the tbg at 14.8 ppg.
08:42	1.5	5.921	8.33	190		Shut down cement, start fresh water displacement down tbg
08:43	1.5	2	9.5	160		Switch to gelled brine displacement down the tbg.
08:47		2				Shut down displacement/ open bypass.
08:50						Cement balancing. RD cement lines from the tubing.
08:55						POOH with tbg. WOC.
09:20						Tbg out of the hole.
11:00						RIH with tbg to tag cement.
11:20						Cement tagged at 1355'.
11:25						POOH LD tbg.
12:35						Tbg set at 274'. Rig up cement lines to csg. BOP shut.
12:40	2		8.33	70		Pump a fresh water spacer down the tbg.
12:44	2	10	14.8	70		Start cement down the tbg at 14.8 ppg.
13:05		34				Shut down cement. Cement circulated to surface.
13:07						POOH with the tbg.
13:45		1.5	14.8			Top off casing with cement
14:30						Integrated crew released from location.

SERVICE REPRESENTATIVE: Signature Please

CUSTOMER REPRESENTATIVE: Signature Please

Will Rodgers

X