

Submit 3 Copies To Appropriate District
Office

District I

1625 N French Dr, Hobbs, NM 88240

District II

1301 W Grand Ave, Artesia, NM 88210

District III

1000 Rio Brazos Rd, Aztec, NM 87410

District IV

1220 S St Francis Dr, Santa Fe, NM

87505

State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

June 19, 2008

RECEIVED
JAN 22 2010
HOBBS

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-09244

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

32447

7. Lease Name or Unit Agreement Name

Seven Rivers Queen Unit

8. Well Number

45

9. OGRID Number

220420

10. Pool name or Wildcat

Langlie Mattix; 7-RVRS Queen Grayburg

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 ☐ Other ☒ Injection

2. Name of Operator

Arena Resources Inc

3. Address of Operator

2130 W. Bender

Hobbs, NM 88240

4. Well Location

Unit Letter A : 660 feet from the North line and 660 feet from the East line

Section 3 Township 23S Range 36E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☒

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPL ☐

DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

P AND A ☐

CASING/CEMENT JOB ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. MIRUPU

2. NDWH NUBOP

3. RIH to 3550', spot 35 sxs class C cement (WOC & tag)

4. Circulate well bore w/salt gel mud

5. Perf 4 squeeze holes @3050', squeeze w/25 sxs class C cement (BOS @3000')

6. Perf 4 squeeze holes @1650', squeeze w/25 sxs class C cement (TOS @1600')

7. Perf 4 squeeze holes @390', circulate class C cement to surface

8. Cut off wellhead 3' below ground level & install P&A marker

9. Clean location

The Oil Conservation Division **Must be notified**
24 hours prior to the beginning of plugging operations

Spud Date:

Rig Release Date:

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

SIGNATURE

Colleen Robinson 117

TITLE Compliance Analyst

DATE 1-22-2010

Type or print name Colleen Robinson

E-mail address: c Robinson@arenareourcesinc.com

PHONE: 738-1739

For State Use Only

APPROVED BY:

[Signature]

TITLE

DATE

2-2-10

Conditions of Approval (if any):



CARDINAL SURVEYS COMPANY

"FLUID MOVEMENT SPECIALISTS"

Tagmaster®

ODESSA DISTRICT
(432) 580-8061 FAX (432) 580-0547

HOBBS DISTRICT
(505) 397-1069 FAX (505) 393-5836

<http://www.cardinalsurveys.com>



A Circ Well Bore w/ MLF

TRAC III
(PRODUCTION LOGGING)
(7/8" TOOLS AVAILABLE)

GAMMA TROL II

SPECTRAL LOGS

TAGMASTER
(NO-WASH MATERIAL)
(MULTI-ISOTOPE TAGGING)
(PLUG & COLLAR TAG)

TEMP-TROL

PUMP-IN-TRACERS

INJECTION PROFILES
(WATER & CO₂)

STEP-RATE TESTING

HORIZONTAL WELL LOGGING

MACRO LOGS
(MULTI-WELL LOG PRESENTATION)

**HIGH PRESSURE
SUPPORT UNIT**
BOWEN LUBRICATOR
(UP TO 10,000 PSI)

8 5/8 @ 330'

@ 390' Perf 4 sq holes - Circ to surface

TOP SALT 1490'

*Perf 4 sq holes - sq 255x cmf
WOC - TAG*

BOTTOM SALT 3055'

*LINER PLUG MAY COVER BOTH
SALT !!*

LINER TOP 3192'

RIH to 3190' spot 255x cmf - WOC TAG

Perf 3662' - 73'

RIH to 3662' spot 355x cmf - WOC TAG

Perf 3690' - 3720'

LINER BOTTOM 3918'

5 1/2 @ 3963'

Since 1962
"Simply the Best"

CONVERSION FACTORS

MULTIPLY	By	TO OBTAIN
Barrels	5.6146	Cubic Feet
Cubic Feet	7.4806	Gallons
Gallons	0.1337	Cubic Feet
Pounds/gal.	7.4806	Pounds/Cu. Ft.

PIPE VOLUMES

0.00545	x I.D. ² in inches	= Cu. Ft./Ft.
0.0407	x I.D. ² in inches	= Gals./Ft.
0.00097	x I.D. ² in inches	= Bbls./Ft.

HYDROSTATIC PRESSURE

FOR WATER:		
0.434	x Depth in Feet	= PSI.
FOR OTHER FLUIDS:		
0.434	x Depth x Sp. Gr.	= PSI.