DESC 59592

STATE OF OREGON
MONITORING WELL REPORT
(as required by ORS 537.765 & OAR 690-240-0395)

WELL LABEL # L 91653

START CARD # 1016704

(1) LAND OWNER

Owner Well I.D. NN-18

First Name _____ Last Name _____

Company AltaRock Energy

Address 7900 E GreenLake Dr N.

City Seattle State Wa Zip 98115

(2) TYPE OF WORK

☐ New ☒ Deepening ☐ Conversion ☐ Alteration (repair/recondition) ☐ Abandonment

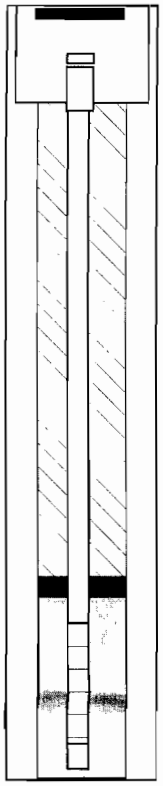
(3) DRILL METHOD

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Hollow Stem Auger ☐ Cable Mud ☐ Reverse Rotary ☐ Other _____

(4) CONSTRUCTION

Piezometer Well ☐

Depth of Completed Well 815 ft. Special Standard ☐



MONUMENT/VAULT Above Ground

From +3 To 0

BORE HOLE

Diameter 8 From 0 To 790

CASING

Dia. 8 From ☒ 1 To 792

Gauge .250 Wld Thrd

Material ◉ Steel ○ Plastic ☒ ☐

LINER

Dia. _____ From ☐ _____ To _____

Gauge _____ Wld Thrd

Material ○ Steel ○ Plastic ☐ ☐

SEAL

From _____ To _____

Material _____

Amount _____ Grout weight _____

SCREEN

Casing/Liner _____ Material _____

Diameter _____ From _____ To _____

Slot Size _____

FILTER

From _____ To _____ Material _____ Size of pack _____

(5) WELL TESTS

○ Pump ○ Bailer ◉ Air ○ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
40			2

Temperature _____ °F Lab analysis ☐ Yes By _____

Supervising Geologist/Engineer Kyla Grasso

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(6) LOCATION OF WELL (legal description)

County DESCH Twp 21s N/S Range 12e E/W WM

Sec 21 NE 1/4 of the SW 1/4 Tax Lot _____

Tax Map Number _____ Lot _____

Lat ° ' " or 43.7375 DMS or DD

Long ° ' " or 121.302 DMS or DD

○ Street address of well ◉ Nearest address

USFS RD 685-9735 (MP11) Deschutes Oregon.

(7) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening				
Completed Well				556.1

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found _____

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

(8) WELL LOG

Ground Elevation 6032

Material	From	To
Re drill of sluffed red cinder to original drill	792	805
depth.		
Red cinder with trace dark grey basalt.	805	825

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OCT 22 2012

SALEM, OR

Date Started 7-11-12 Completed 7-17-12

(unbonded) Monitor Well Constructor Certification

I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 10507 Date 10-1-12

Password : (if filing electronically)

Signed _____

(bonded) Monitor Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon monitoring well construction standards. This report is true to the best of my knowledge and belief.

License Number 10067 Date OCT 18, 2012

Password : (if filing electronically)

Signed _____

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

Form Version:

DESC 59592

MONITORING WELL REPORT -
continuation page

WELL I.D. # L _____

START CARD # _____

(4) CONSTRUCTION

BORE HOLE

Dia	From	To
5	790	815

FILTER PACK

From	To	Material	Size

SEAL

Material	From	To	Amt	sacks/ lbs	grout weight

CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

SCREENS

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrn size/ slot width	Slot length	# of slots	Tele/ pipe size

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

(8) WELL LOG

Material	From	To

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OCT 22 2012

SALEM, OR

Comments/Remarks

Borehole from 792-825 was drilled at 8" diameter. Cemented, then redrilled at a 5" diameter.

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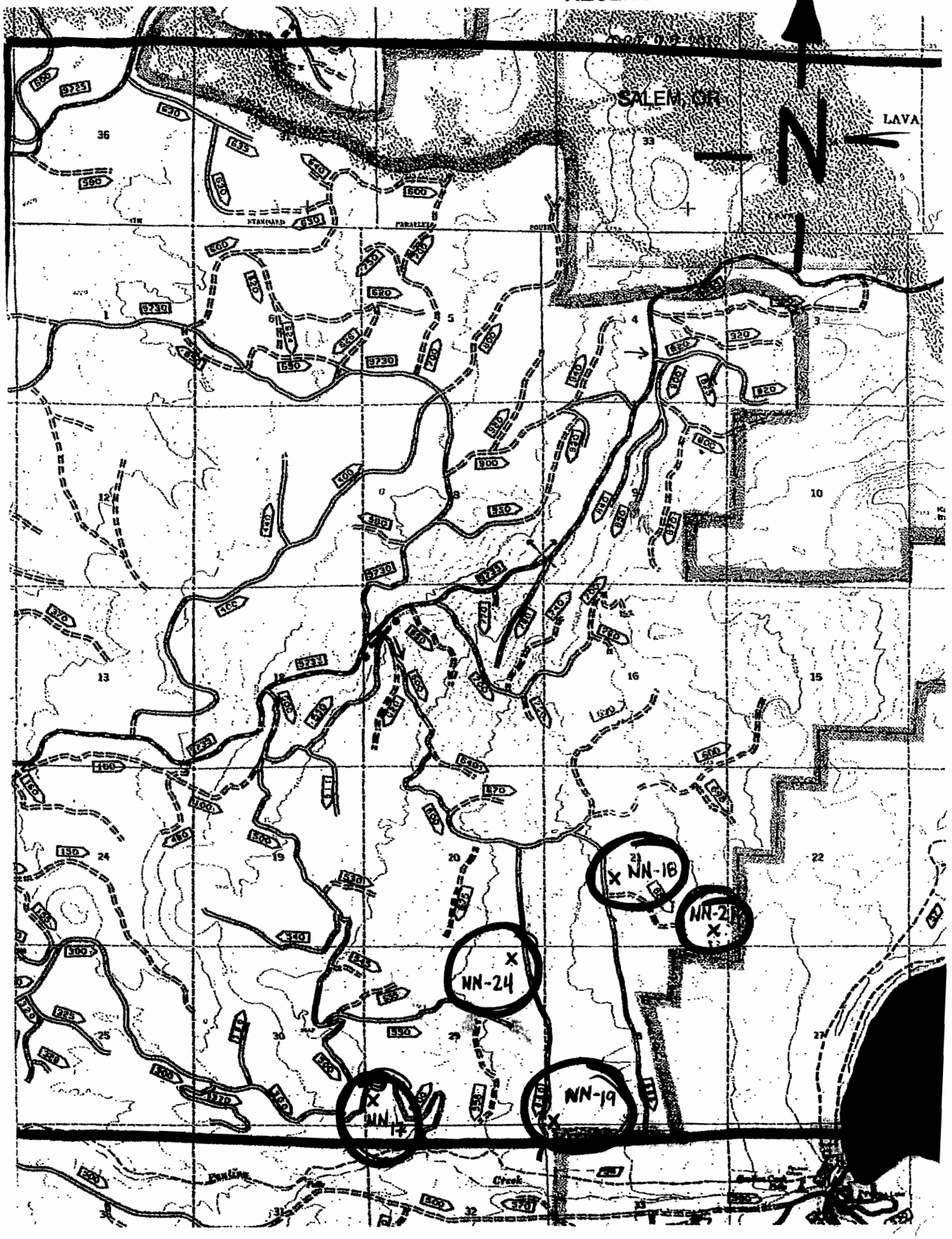
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