

Submit 1 Copy 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

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

Form C-103
October 13, 2009

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)		WELL API NO. 30-025-29827
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator EnerVest Operating, L.L.C.		6. State Oil & Gas Lease No 12557
3. Address of Operator 1001 Fannin Street, Suite 800, Houston, TX 77002		7. Lease Name or Unit Agreement Name Mesa "AAF" State
4. Well Location Unit Letter <u>M</u> : <u>990</u> feet from the <u>South</u> line and <u>990</u> feet from the <u>West</u> line Section <u>28</u> Township <u>13S</u> Range <u>33E</u> NMPM <u>Lea</u> County		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4246.5' = GR		9. OGRID Number 143199
		10. Pool name or Wildcat S Baum Wolfcamp & Lazy J Upp Penn

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER <input type="checkbox"/>		OTHER: DHC work and return to prod <input checked="" type="checkbox"/>	

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.

Please see attached for downhole commingle operations and fixed allocation percentage.

Spud Date:

1/11/87

Rig Release Date:

2/2/87

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

SIGNATURE Bridget Helfrich TITLE Regulatory Tech. DATE 2-1-10

Type or print name Bridget Helfrich E-mail address: bhelfrich@enervest.net PHONE: 713-495-6537

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE FEB 03 2010
Conditions of Approval (if any)

Mesa "AAF" State #1
30-025-29827

12/23/09: Check to find all rig anchors. RU test truck and test all anchors. MIRU DD PU. Unhang well. SWI f/holidays.

12/28/09: POOH w/rods & pump. ND WH, NU BOP. RU tbq scanners. Release TAC, scan & tally 280 jts 2-7/8" tbq Had 35 jts 2-7/8" tbq delivered to loc.

12/29/09: RIH w/bit & DCs on 242 jts 2-7/8". RU foam air unit. RU to break circ (valves & lines frozen due to weather).

12/30/09: RU steel FL to pit. Break circ @ 8700' RIH & tag fill @ 9642'. CO fill to CIBP @ 9650'. DO CIBP in 45 min. RIH & tag fill @ 9948'. Clean out fill to 9960'. Circ f/1 hr. PUH above perfs @ 8990'

12/31/09: Break circ above perfs. RIH & tag fill DO fill from 9960'-10080'. Circ clean f/ 2 hrs. POOH w/ tbq. LD DCs & bit.

1/4/10: 72hr SIP 60 psi. Bleed press MIRU WL equip. RIH w/ GR-CCL. Log from 10059'-9650'. RIH w/ 3-1/8" perf gun & perf w/ 3 SPF (120° phasing) @ 9967-74'; 10008-18' and 10022-30' (total of 78 holes). RD WL equip. RIH w/ 5-1/2" treating packer on tbq. PSA 9896'.

1/5/10: RU acidizers. Spot acid above pkr. Set pkr & attempt to breakdown perfs. Increase press gradually to total of 6000 psi. Lost all press. PU on tbq (pkr still set) Drop standing valve, pump total of 65 bbls H2O (did not catch press in tbq). RD acidizers. Release pkr & POOH w/ tbq. Found split in tbq @ approx 6500'.

1/6/10: RU tbq testers RIH w/ 5-1/2" treating pkr on tbq testing above slips to 7000 psi (did not find any problems) RD tbq testers. Leave pkr above btm perfs.

1/7/10: RIH w/ pkr below perfs. RU acidizers & spot 5 bbls acid across perfs. PUH & set pkr @ 9872'. Breakdown perfs @ 9967'-10030' @ 5880 psi. Acidize using 15,000 gals 15% HCL w/ additives @ 3.9 – 6.4 BPM @ 5588 – 2819 – 6000 psi (ball out). Flush to btm perf w/ 59 bbls KCL H2O. ISIP 2158 (5) 1328 (10) 1008 (15) 756 psi TLTR 296 BTF. Total of 168 BS. Avg treating press @ 4990 psi Avg rate @ 5 BPM.

1/8/10: 18 hr SITP slight vac; csg @ 60 psi. RU swab. Initial FL @ 3000'. Rec'd total of 175 BF in 9 hrs. FL 3000 – 3600 – 3300'. TLR 175 of 296 BTL.

1/11/10: 60 hr SITP 60 psi; csg @ 430 psi. Swab well f/10 hrs. FL 2600 – 3800 – 3100'. Rec'd 182 BTF TLR 182. Ending csg press @ 510 psi

1/12/10: SITP @ 20 psi; SICP @ 600 psi. Swab well f/10 hrs. FL 2800 – 4300 – 3750' Rec'd 229 BTF. TLR 229. Ending csg press @ 640 psi

1/13/10: SITP @ 20 psi. SICP @ 660 psi. Bleed press. Release pkr & POOH w/tbq. LD pkr. RIH w/BPMA, X-over, perf sub, mech SN & tbq. ND BOP. Set TAC w/17 pts tension. RIH w/pump on rods. PU motor not working, mech will start in morning.

1/14/10: Start Ajax motor. Space out pump & hang on unit RU pump truck. Load & test tbq & pump to 500 psi – ok. Good pump action. HU test sep to FL & pump to test tanks.

Mesa "AAF" State #1
30-025-29827

Percentage allocation is based on the following information:

South Baum-Wolfcamp	8990' – 9097' (Existing perfs)
	03/2007 volumes
	6 BOPD = 46%
	8 MFCGPD = 100%
	36 BWPD = 18%

Lazy J Upper-Penn	9708' – 9834' (Existing perfs)
	02/2006 volumes
	5.8 BOPD = 45%
	0 MFCGPD = 0%
	0 BWPD = 0%
	9967' – 10030' (New perfs)
	1.2 BOPD = 9%
	0 MFCGPD = 0%
	159 BWPD = 82%