	UNITED STATES PARTMENT OF THE IN UREAU OF LAND MANA	NTERIOR NEWE	VED	OMB NO Expires	APPROVED D. 1004-0135 July 31, 2010	
SUNDRY	5. Lease Serial No. NMNM113640  6. If Indian, Allottee or Tribe Name					
Do not use thi abandoned wel						
SUBMIT IN TRII	PLICATE - Other instruc	tions on reverse side.	ia Omoo	7. If Unit or CA/Agree	ement, Name and/or No.	
Type of Well     Oil Well	ner				JNIT 146	
2 Name of Operator ENERVEST OPERATING LLC	Contact: E-Mail: bhelfrich@				0-X1	
3a. Address 1001 FANNIN STE 1111 HOUSTON, TX 77002		3b Phone No. (include area code Ph: 713-495-6537 Fx: 713-615-1429	2)	10. Field and Pool, or GAVILAN	or Exploratory h, and State	
4 Location of Well (Footage, Sec., T.	ype of Well   Oil Well   Gas Well   Other					
				RIO ARRIBA CO	DUNTY, NM	
12. CHECK APPR	ROPRIATE BOX(ES) TO	INDICATE NATURE OF	NOTICE, RE	PORT, OR OTHER	DATA	
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION			
Notice of Intent	☐ Acidize	Deepen	□ Product	ion (Start/Resume)	☐ Water Shut-Off	
-	☐ Alter Casing	☐ Fracture Treat	Reclama	ation	☐ Well Integrity	
Subsequent Report	☐ Casing Repair	□ New Construction	□ Recomp	lete	Other Change to Original	
Final Abandonment Notice	☐ Change Plans	Plug and Abandon	☐ Tempor	arily Abandon		
	_	<b>—</b>		_		
If the proposal is to deepen directions Attach the Bond under which the wor	ally or recomplete horizontally, k will be performed or provide operations If the operation re bandonment Notices shall be fil	give subsurface locations and meas the Bond No. on file with BLM/BL sults in a multiple completion or rec	sured and true vo A Required sub completion in a r	ertical depths of all pertir esequent reports shall be new interval, a Form 316	filed within 30 days 0-4 shall be filed once	
Changes to APD are as follow	s:					
Name change: 1). Was Bear Canyon Unit #6	-14. Now Bear Canyon U	Init #6.		RCVD JUN	130'10	
ALL OF THE FOLLOWING AF	RE UPGRADES.				i. DIV.	
Changes in Csg Program: 1). 7" csg upgraded from surf- 2). 4-1/2" prod liner upgraded 3). 9-5/8" stage cmtr will be ru	from 6800'-11800' with 1	1.6# P-110 Hydril.  Was N-80	) LT&C.	, DIST	.0	
14 Thoroby cartify that the foregoing is						

Electronic Submission #88547 verified by the BLM Well Information System
For ENERVEST OPERATING LLC, sent to the Rio Puerco
Committed to AFMSS for processing by TROY SALYERS on 06/29/2010 (10TLS0001SE) Name (Printed/Typed) BRIDGET HELFRICH Title REGULATORY TECH. Date 06/25/2010 Signature (Electronic Submission) THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By TROY SALYERS 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. TitlePETROLEUM ENGINEER

Office Rio Puerco

Date 06/29/20k

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.

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

## Additional data for EC transaction #88547 that would not fit on the form

## 32. Additional remarks, continued

surf as required by the BLM.

Changes in Cmt Program:

- 1). 9-5/8" will be changed because of severe lost circ and the stage cmtg tool will take care of this. Cmt will be from 4000'-surf with 75% excess
- a). 1st Stage Lead: 158sx of Prem. Plus 3% Econolite, plus 10 lb/sx of Gilsonite, plus 0.125 lb/sx Poly-E-Flake, plus 3 lb/sx Pheno Seal Med. Mixed at 11.5 ppg 2.84 ft3/sx yeild and 16.08 gal/sx.
- b). 1st Stage Tail: 100sx of Premium cmt, plus 0.125 lb/sx of Poly-E-Flake, plus 5 lb/sx Gilsonite mixed at 15.6 ppg, 1.18 ft3/sx, 4.69 gal/x of wtr.
- c). Estimated fill for 1st stage = 1000' plus excess.
- d). 2nd Stage Lead: 520sx of Premium cmt plus 3% Econolite, plus 5 lb/sx Gilsonite, plus 0.125 lb/sx Poly-E-Flake, plus 3 lb/sx of Pheno Seal Med. Mixed at 11,5 ppg 2.82 cu ft/x yield and 16.54 gal/sx mix wtr.
- e). 2nd Stage Tail: 100sx of Premium cmt, plus 5 lb/sx Gilsonite, plus 0.125 lb/sx of Poly-E-Flake mixed at 15.6 ppg, 1.18 cu ft/sx, plus 4.69 gal/sx of mix wtr.
- f). Estimated fill for 2nd stage = 3000' plus excess.

Changes in Types & Characteristics of the Proposed Mud System:

1). An Oleo-foam Nitrogen-Air mixture will be used to drill the lateral from 7700'MD to TD.

PLEASE SEE ATTACHED WBD.

WELL	Bear Ca	anyon	anyon Unit #6 ENERVEST									
	Horižontal I		RIG		Nabors DATE 6/28/2010							
FIELD	San Juan		COUNTY			a, New M	exico		ELEVATION 7380' est			
GAS/OIL	Gas/Oil		MUD			ud/Oleo-F		ist	CEMENT		BD from Ca	
LOCATION	350 FNL & 66	55 FWL of SI	EC 14 T26N R2	2W					BHT/BHP		170 F/50	
	OBJECTIVE											
NOTE												
	API 30-039	<del></del>				DEDTU					T -	
HOLE	SURVEYS	WOB/GPM	FORMATIO	· 1		DEPTH TVD		MUD	OPEN HOLE	CEMENT	WELLHEAD	REMARKS
SECTIONS		BIT	HOLE S	IZES	111	IVD	T 13	WEIGHT	LOGS			
Surface Se	ction Inclination @	13-3	3/8" 54.5# J55		>	300'		8.4 - 8 6	PPG NATIVE	50-60 Vis	·	
<u>Intermedia</u>	te Section Inclination eve	·	allable currentle	y in yard Nacimiento : 2-1/4" HOLE :	4 1							
									PPG Clean F LE LOST RE			CM if needed)
		· f			X	3000'	X	Stage Co	ollar cementin	g Tool		
				Ojo Alamo	>	3,437'						
				ruitland Coal	4 1	3,725'						
				Picture Cliffs		3,740'	1			•		
		9 !	5/8" 40 # N-80 L	Lewis Shale :	<b>,</b>		7					
			ilable currentley	_			12					
				8-3/4" HOLE >	>				age Needed on air and ole	o-mist		
'			Р	Menefee : oint Lookout : Mancos :	>	5,606' 5,955' 6,070'		Hammer	bits if possib	le		
Curve Section  KOP at 6800' AZMITH = 126 Deg		7" 26# P-110 LT&C 6800' to Surface		X		3	OPEN HOLE LOGS: HALLIBURTON GR / INDUCTION LOG At KOP will be pumping 30 to 40 GPM KOP @ 6,800' To Directional Tools					
900' Curve /	500' Vertical	Seciton		Gallup	>	7,130'		LOST RE	ETURNS DU	E TO FRAC	CTURED FO	RMATION
		7" 26# N-8	0 Hydril 513 fro	m			<b>_</b>					
		6800' to 77								$\geq \leq$		
Horizontal		Pipe availal	ble June 4th		>	7 2701	6 4/0"	4 4 /0 !! -				TD @ 2040 TV
AZMITH = 1 4000' Latera	24 65 Deg al @ 90 Deg	4 1/2" 11 6	# P-110 Hydril !	.ower Gallup > 513	<b>&gt;</b>	7,376'	6 1/8" Hole	4 1/2" Pa	ickers Plus S	ystem		TD @ 7346 TV[ TD @ 11,800 MI
4600' Vertic			11800'MD to 68			<del>-</del>	1 1010			>><		
		ble July 20th		<b></b>								
							0 5 PPG 2000 CF	am Mist (Oıl-l M Membrane am HT/Oil /ble	Nitrogen	ing Fluid)		
<del></del>	·			<u> </u>					OFFICE			
	·		REGULATORY		Tim Kelle	y & Ronn	ie Your	)a	(970)-385-	4722		
AFE#			REGULATURI		THE ROLL	<u>, ,                                  </u>	ic i cai	<u>'9</u>	1(0,0)			
AFE#	<del></del>		ENGINEER		B R Sug		io rour		(318) 243-4			

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