Form 3160-5 (September 2001)

## UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SEP 22 2009

SEP 2 9 2009

OCD-ARTESIA

FORM AI	PPROVED
OMB NO	1004-0135
Expires Janu	ary 31, 200

6 If Indian, Allottee or Tribe Name

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5.	Lease Serial N	lo.

LC-058481

SUNDRY	NOTICES	AND	REPORTS	ON	WELLS	ŝ
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Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Second Well   Gas Well   Other   Second Well   Other   Second Williams of Operator   Second Wi	abandoned wen. Ose Fon	in 3160-3 (APD) for such proposals.	
South   Gas Well   Other   Seminor Coperator	SUBMIT IN TRIPLICATE -	Other instructions on reverse side	7 If Unit or CA/Agreement; Name and/or N
THE CAS UT. TRACT #11-6  WILD GAS UT. TRACT	Type of Well		. 30%
Production Notice of Intent    State-great Report	X Oil Well Gas Well Other	-	· •
Address Addres	Name of Operator		WLHU G4S UT. TRACT #11-6
Address Addres	ENERVEST OPERATING, L.L.C.	ATTN: BRIDGET HELFRICH	9 API Well No
100.1 ENNIN ST., STE. 800, HOUSTON, TEXAS T7002 (713) 659-3500 10 Field and Poot or Exploratory Area Location of Well Footoges, New T. R. M. or Survey Description)  INITI LETTER N  303° FSL 5 2,310° FML  SEC. 11, T-18N, R-29E  SEC. 11, T-18N, R-29E  TYPE OF SUBMISSION TYPE OF ACTION  Notice of Intest  Acadase  Alter Casing  Alter Casing  Alter Casing  Final Abandonment Notice  Classing Plans  Plang and Abandon  Temporarily Abandon  Convert to Injection  Plang Back  Other  Describe Proposed or Completed Operation (clearly state all pertinent details, medicing estimated starting date of any proposed work and approximate duration there  Tif the proposed is to despen directionally or recomplete ben breath stay. See substraintice closures and increased and true vertical depths of all pertinent stankers and our Attack the Bond under which the work will be performed or provide the Bond No. on file with BLABIA. Required subsequent reports shall be filed only alter all exceptions or recompleted. Final Abandonment Notices shall be filed only alter all exceptions or recompleted in an Abandonment Notices shall be filed only alter all exceptions or recompleted. Final Bandonment Notices shall be filed only alter all exceptions or recompleted in the Abandonment Notices shall be filed only alter all exceptions or recompleted. Final Bandonment Notices shall be filed only alter all exceptions or recompleted in the Abandonment Notices shall be filed only alter all exceptions or recompleted in the Abandonment Notices shall be filed only alter all exceptions or recompleted in the Abandonment Notices shall be filed only alter all exceptions or recompleted in the Abandonment Notices shall be filed only alter all exceptions or recompleted in the Abandonment Notices shall be filed only alter all exceptions and measured and true vertical depths of all pertinent stankers and our stankers.  1 DRILL CUT EXISTENCE OF FILES 8 0° -30°, 60° -170° x 299° -450°; CIM W/B, H.A. X TBG. TO TD 8 +/-3,014°; CIF.C. WELL W/B PAR FILID.  2 MIX X FINP A 4	Address	3b Phone No (include area co	oda)
LOCO HILLS QUEEN-GB-SA	1001 FANNIN ST., STE. 800, HOUSTON,	TEXAS 77002 (713) 659-3500	
330)* FRIL & 2,310 ' PPIL SEC. 11, T-18N, R-29E  12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF SUBMISSION    Acader	Location of Well (Footage, Sec. T, R, M, or Survey)	Description)	
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent	UNIT LETTER N		
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION    Notice of latent	330' FSL & 2,310' FWL	•	11. County or Parish, State
TYPE OF SUBMISSION    TYPE OF ACTION   TYPE OF ACTION   Water Shan-Off	SEC. 11, T-18N, R-29E		EDDY COUNTY NM
Acadize Deepen Production (Start/Resume) Water Shot-Off Alter Casing Repair New Construction Recomplete Other Other Shot-Off Casing Repair New Construction Recomplete Other Other Other Proposed or Complete Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration them (If the proposal is to deepen detectionally or recomplete informating, gives substrating to leave the proposed or Complete Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration them. If the personnel of the proposed or Complete on the investigation of the investigation of the investigation of the investigation of the personnel of the perso	12. CHECK APPROPRIATE	BOX(ES) TO INDICATE NATURE OF NOT	ICE, REPORT, OR OTHER DATA
After Casing Repair   Subsequent Report	TYPE OF SUBMISSION	TYPE C	FACTION
Casing Repair   New Construction   Recomplete   Other	X Notice of Intent	Acidize Deepen	Production (Start/Resume) Water Shut-Off
Casing Repair   New Construction   Recomplete   Other		Alter Casing Fracture Treat	Reclamation Well Integrity
Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration there if the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and trive vertical depths of all pertinent markers and zon Attach the Bond under which the work will be performed or provide the Bond No. on file with BLMBIA. Required subsequent reports shall be filed within 30 do following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed only after all requirements, including entire an interval, a Form 3160-4 shall be filed only after all requirements, including entire completed. And the operator's determined that the final sets or ready for final nepection.)  COMPLY WITH ALL EXERNEST & GOVERNMENT ENVIRONMENTAL & SAFETY REGULATIONS. ANYONE ELSE ON THE JOB LOCATION HAS THE AUTHORITY TO SHUT DOWN UNSAFE OPERATIONS.  1) DRILL OUT EXISTING OMT. PLUGS © 0'-30', 60'-170' X 299'-450'; CIH W/ B.H.A. X TBG. TO TD © +/-3,014'; CIRC. WELL W/ PXA FLUID.  2) MIX X FUMP A 40 SX. CMT. PLUG © 3,000'; WCC X TAG TOP OF CMT. PLUG. I 30' A lump 1 S D A lump 1	Subsequent Report		
Describe Proposed or Completed Operation (clearly state all pertinent details, meliding estimated starting date of any proposed work and approximate duration there if the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zor attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 d following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed within 30 d following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed only after all requirements, including reclamation, have been completed. And the operator determined that the final site is ready for final inspection.)  COMPLY WITH ALL ENERWEST & GOVERNMENT ENVIRONMENTAL & SAFETY REGULATIONS. ANYONE ELSE ON THE JOB LOCATION HAS THE AUTHORITY TO SHUT DOWN UNSAFE OPERATIONS.  1) DRILL OUT EXISTING OMT. PLUGS © 0'-30', 60'-170' X 299'-450'; CIH W/ B.H.A. X TBG. TO TD © +/-3,014'; CIRC. WELL W/ PXA FLUID.  2) MIX X PUMP A 40 SX. OMT. PLUG © 3,000'; WOC X TAG TOP OF OMT. PLUG. 130' Alway 33 MIX X PUMP A 40 SX. OMT. PLUG © 3,000'; WOC X TAG TOP OF OMT. PLUG. 100' Alway 14 MIX X PUMP A 40 SX. OMT. PLUG © 485' (TySIAT X 8-1/4" CSG. SHOE); WOC X TAG TOP OF OMT. PLUG. 100' Alway 15 MIX X PUMP A 40 SX. OMT. PLUG © 485' (TySIAT X 8-1/4" CSG. SHOE); WOC X TAG TOP OF OMT. PLUG. 100' Always 15 MIX X PUMP A 40 SX. OMT. PLUG © 485' (TySIAT X 8-1/4" CSG. SHOE); WOC X TAG TOP OF OMT. PLUG. 100' Always 15 MIX X PUMP A 40 SX. OMT. PLUG © 485' (TySIAT X 8-1/4" CSG. SHOE); WOC X TAG TOP OF OMT. PLUG. 100' Always 15 MIX X PUMP A 40 SX. OMT. PLUG © 485' (TySIAT X 8-1/4" CSG. SHOE); WOC X TAG TOP OF OMT. PLUG W SUPPERVISION-EPS  THIS SPACE FOR FEDERAL OR STATE OFFICE USE  1 hereby certify th			
Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration there if the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and constitute that the float site incovered operations. If the operation results in a multiple completion or recompletion for moving department in a flow interval, a Form 3160-4 shall be filled on testing has been completed. Final Abandonium Notices shall be filled only after all requirements, including reclamation, have been completed, and the operator determined that the final site is ready for final inspection.)  COMPLY WITH ALL ENERVEST & COMENMENT ENVIRONMENTAL & SAFETY REQUIATIONS. ANYONE ELSE ON THE JOB LOCATION HAS THE AUTHORITY TO SHUT DOWN UNSAFE OPERATIONS.  1) DRILL OUT EXISTING OMT. PLUGS & 0'-30', 60'-170' X 299'-450'; CIH W/ B.H.A. X TBG. TO TD & +/-3,014'; CIRC. WELL W/ PAR FILLID.  2) MIX X PLMP A 40 SX. OMT. PLUG & 3,000'; WOC X TAG TOP OF CMT. PLUG. I 30' A lung 3) MIX X PLMP A 40 SX. OMT. PLUG & 2,170'-2,070'. Loo C Tag. I 20' Plug. I 00' Plug. I 0	Final Abandonment Notice	Change Plans X Plug and Abandon	Temporarily Abandon
Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration there if the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zon Attach the Broad under which the work will be performed or provide the Broad No. on file with BLMA. Required subsequent reports shall be filled within 30 d following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filled on following completion of the involved operations in the operation of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filled on following completion of the involved operations of the involved operations.  1. DRILL OUT EXISTING CMT. PLUCES @ 0'-30', 60'-170' x 299'-450'; CIH W/ B.H.A. X TBG. TO TD @ +/-3,014'; CIRC. WEILL W/ PXA FIJIID.  2. MIX X PIMP A 40 SX. OMT. PLUG @ 3,000'; WCC X TAG TOP OF OMT. PLUG. I 30' plum 120' p	_	Convert to Injection Plug Back	Water Disposal
7) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; WELD ON STEEL PLATE X DRY HOLE MARKER.  APPROVED  SEP 2 0 2009  SEP 2 0 2009  Title  DAVID A. EYLER  Date 08/27/09  Title  Date 08/27/09  Title  Date 08/27/09  Title  Date 08/27/09  Title  Date 08/27/09  Date 08/27/09  Title  Date 08/27/09  Title  Date 08/27/09  Title  Date 08/27/09  Title  Date 08/27/09	CIRC. WELL W/ PXA FLUID.  2) MIX X PUMP A 40 SX. CMT. PLUG  3) MIX X PUMP A 40 SX. CMT. PLUG  4) MIX X PUMP A 40 SX. CMT. PLUG	@ 3,000'; WOC X TAG TOP OF OMT. PLUG @ 2,170'-2,070'. 20 C	130° plug 120° plug . PIUG. 100° plug
Thereby certify that the foregoing is true and correct Name (Printed/Typed) DAVID A. EYLER Date 08/27/09  THIS SPACE FOR FEDERAL OR STATE OFFICE USE  Title  Date Onditions of approval, if any, are attached. Approval of this notice does not warrant or office.	6) PERF. 8-1/4" CSG. @ 150' X AT	TEMPT TO SQZ. A 75 SX. OMT. PLUG @ 150	)'-3'_(IN X OUT OF 8-1/4" CSG.).
Thereby certify that the foregoing is true and correct Name (Printed/Typed)  DAVID A. EYLER  Date 08/27/09  Title  JAMES A. AMOS SUPERVISOR-EPS  THIS SPACE FOR FEDERAL OR STATE OFFICE USE  Proved by  Inditions of approval, if any, are attached. Approval of this notice does not warrant or Office.	7) DIG OUT X OUT OFF WELLHEAD 3'	B.G.L.; WELD ON STEEL PLATE X DRY HO	LE MARKER.
Name (Printed/Typed) DAVID A. EYLER DAVE 08/27/09  THIS SPACE FOR FEDERAL OR STATE OFFICE USE  AGENT JAMES A. AMOS SUPERVISOR-EPS  Tribe Date Onditions of approval, if any, are attached. Approval of this notice does not warrant or Office.			CED of con-
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THIS SPACE FOR FEDERAL OR STATE OFFICE USE  Tritle  Date  Date  Date  Date  Date  Date  Date  Date  Date	DAVID A. EYLER	AGENT	JAMES A AMOS
approved by  Title  Date  Office  Office	Dans A	Date 08/27/09	SUPERVISOR-EPS
onditions of approval, if any, are attached. Approval of this notice does not warrant or Office	THI	S SPACE FOR FEDERAL OR STATE OFFICE	E USE
onditions of approval, if any, are attached. Approval of this notice does not warrant or Office.	Approved by	Title	Date
	onditions of approval, if any, are attached Approval	of this notice does not warrant or Office	2-3,

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

17/1 // '		SALT SECTIONS TOP 380
HOLE SIZE 12/4 0- 11"		BASE 835
	P	erta 150 Sg. cont to Suit RILLE NA
50 sx. cnt.		CAVE/KARST_NA
		SPEC WATER was planning
CASING SIZE 8/4		shoe, Tos 100' plug
700		450-350 WOC Tag.
HOLESIZE 778"	Table	
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	7//	"BOS" Ou 2142
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CASING SIZE No cas:		2870-DVT 3000 (130 /lug) PERFORATIONS
Th 3126 1000		(130 ylug) EKFORAL TOUS

## BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

## Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed prior to commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs

- 6. <u>Dry Hole Marker</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds)
- 7. <u>Subsequent Plugging Reporting</u>: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
- 8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.