Form 3160-5 (August 2007)

UNITED STATES

FORM APP	ROVED
OMB NO. 10	004-0135
Expires: July	31, 2010

	DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT					July 31, 2010	
SUNDRY NOTICES AND REPORTS ON WELLS				5. Lease Serial No. NMNM78214			
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.			6. If Indian, Allottee or Tribe Name				
SUBMIT IN TRI	PLICATE - Other instruc	ctions o	n reverse side.		7. If Unit or CA/Agre	ement, Name and/or No.	
Type of Well ☐ Gas Well ☐ Oth	her				8. Well Name and No ANEMONE ANE		
2. Name of Operator Contact: LAURA WATTS YATES PETROLEUM CORPORATION€-Mail: laura@yatespetroleum.com					9. API Well No. 30-015-27982		
105 SOUTH FOURTH STREET		3b. Phone No. (include area code) Ph: 575-748-1471 Fx: 575-748-4585			10. Field and Pool, or Exploratory INDIAN BASIN/UPPER PENN		
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description		RECEIVE	ED	11. County or Parish,	and State	
Sec 9 T22S R24E NWNW 1090FNL 840FWL			SEP 11 201	SEP 1 1 2013		EDDY COUNTY, NM	
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDIÇ	MMOGORABIE	SIM , R	EPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION			TYPE OF	ACTION			
Notice of Intent	☐ Acidize☐ Alter Casing		Deepen Fracture Treat	☐ Produc	tion (Start/Resume)	☐ Water Shut-Off ☐ Well Integrity	
■ Subsequent Report	☐ Casing Repair	. \square	New Construction	☐ Recom	plete	Other	
☐ Final Abandonment Notice	☐ Change Plans	×	Plug and Abandon	☐ Tempo	rarily Abandon		
	Convert to Injection		Plug Back	■ Water l	Disposal		
13. Describe Proposed or Completed Ope If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab- determined that the site is ready for fit	ally or recomplete horizontally, k will be performed or provide operations. If the operation respondent Notices shall be file	give subsu the Bond l sults in a n	orface locations and measu No. on file with BLM/BIA oultiple completion or reco	red and true v Required su mpletion in a ing reclamation	ertical depths of all perting bsequent reports shall be new interval, a Form 316	ent markers and zones. filed within 30 days 0-4 shall be filed once and the operator has	
1. MIRU well service unit. Inst	tall BOP. TOH with produ	uction eq	uipment.		DoeleHMORD		
2. MIRU wire line and lubricate set a CIBP at 8,100 ft . リル	or to make a gauge ring a	nd junk i 7 9 80	casket run down to 8,	110 ft. The	50'-/00' -	/	
RIH with open ended tubing cement on top of the CIBP.	, tag CIBP and load the h	nole with	plugging mud. Spot	35 ft of clas	SH OF SPOT :	25 <i>5</i> %.	
4. Pull up to 5,100 ft and spot 33/2 5. Pull up to 2,750 ft and spot	a 100 f t class C cement p — 3/80' (B 00)	lug to 5,		, (SEE ATTACI	TED FOR	
5. Full up to 2,750 it and spot	a 1004 t class o cement p	nuy to 2,	650 ft. 130°p	ang .	COMPITION	S OF APPROVAL	
14. I hereby certify that the foregoing is	Electronic Submission #2	LEUM C	ORPIORATION, sent to	the Carlsb	ad	AMATION PROCEDURE ATTACHED	
Name(Printed/Typed) LAURA W	ATTS		Title REG RE	PORTING	TECHNICIAN		
Signature (Electronic S	ubmission)		Date 08/27/20	013		·	
	THIS SPACE FO	R FEDI	ERAL OR STATE (OFFICE U	SE		
Approved By James	a. Oms_		Title SE	15		Date 9-3-/3	
Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would engile the applicant to condu	itable title to those rights in the			>			
Title 18 11 S & Section 1001 and Title 43 I	ISC Section 1212 make it a	orimo for o	ny porson lenguingly and	willfully to	No to any donostm		

Additional data for EC transaction #218333 that would not fit on the form

32. Additional remarks, continued

6. Pull up to 425 ft and spot a 425 ft class C cement plug to surface. Perf.@ 425 circ. cmt to suif.

7. Cut off wellhead, install marker and clean location.

WELLBORE SCHEMATIC ATTACHED

Weil Name: Anemone ANE Federal #2 Field:

Location: 1090' FNL & 840' FWL Sec 9-22S-24E

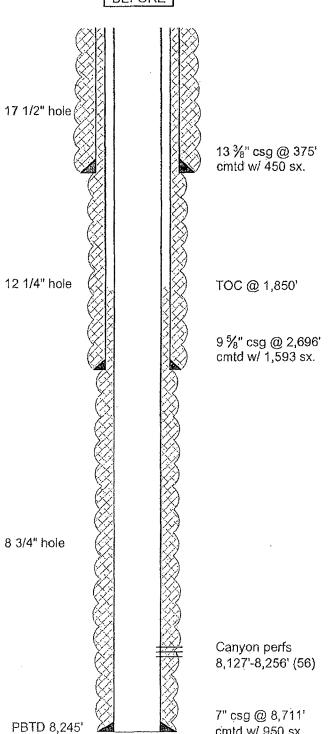
County: Eddy State: New Mexico

GL: 3,725' Zero: KB: Spud Date: 7/30/1994 Completion Date: 10/20/1994

Comments: API # 30-015-27982

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cmtd w/ 950 sx.

TD 8,711'

Well Name: Anemone ANE Federal #2 Field: Location: 1090' FNL & 840' FWL Sec 9-22S-24E Casing Program County: Eddy State: New Mexico GL: <u>3,725'</u> Zero: ____ KB: Size/Wt/Grade Depth Set Spud Date: 7/30/1994 Completion Date: 10/20/1994 13 %" 48# J-55 375' Comments: API # 30-015-27982 9 36# J-55 2,696 AFTER 7" 26# & 23# J-55 8,711' Cement to Surface SA 1180 17 1/2" hole / WC 7310 CY 7956 12 1/4" hole TOC @ 1,850' 9 %" csg @ 2,696' cmtd w/ 1,593 sx. 100 cement plug @ 2,650' C'ac 3 5 %-7.5 Spot plug 3312-3180 (Bore Spring). 35' cement plug

CIBP @ 8,100' 5D-100' above upper pert @ 7980Canyon perfs 8,127'-8,256' (56) 8040 - 8046, 7980-80107" csg @ 8,711' / cmtd w/ 950-8 3/4" hole

cmtd w/ 950 sx.

PBTD 8,245'

TD 8,711'

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 90th day provide this office, prior to the 90th 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.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may 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 before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. 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 **brine** 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. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), 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. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

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. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). 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 three 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 will be required. See attached reclamation procedure.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its predisturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, redistribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

- The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of
 Operations must include adequate measures for stabilization and reclamation of disturbed lands.
 Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD
 process as per Onshore Oil and Gas Order No. 1.
- 2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation

equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

- 5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
- 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Inspection & Enforcement

Jim Amos Supervisory Environmental Protection Specialist 575-234-5909, 575-361-2648 (Cell)

Mike Burton Environmental Protection Specialist 575-234-2226

Jeffery Robertson Natural Resource Specialist 575-234-2230

Jennifer Van Curen Environmental Protection Specialist 575-234-5905

Doug Hoag Civil Engineering Technician 575-234-5979

Linda Denniston
Environmental Protection Specialist
575-234-5974

Solomon Hughes Natural Resource Specialist 575-234-5951

Permitting

Cody Layton Natural Resource Specialist 575-234-5959

Trishia Bad Bear Natural Resource Specialist 575-393-3612

Todd Suter Surface Protection Specialist 575-234-5987

Tanner Nygren Natural Resource Specialist 575-234-5975

Amanda Lynch Natural Resource Specialist 575-234-5922

Legion Brumley Environmental Protection Specialist 575-234-5957

Realty, Compliance

Randy Pair Environmental Protection Specialist 575-234-6240