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New Mexico Oil Conservation Division, District

1625 N. French Drive

Form 3 169-5 2 8 2010

UNITED STATES Hobbs, NM 88240

LOBBSOCD DEPARTMENT OF THE INTERIOR

RIFERALIDE LAND

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS					NMNM96851		
	is form for proposals ell. Use Form 3160-3			6. If Indian, A	Illottee or Tribe Name		
SUBMIT IN TRIPLICATE- Other instructions on reverse side.					A/Agreement, Name and/or No.		
I. Type of Well ☐ Oil Well ☐ ☐ ✓	Gas Well 🗆 Other			8. Well Name			
2. Name of Operator Yeso Energy	y, Inc.			Morgan F			
Ba Address P.O. Box 2248 Roswell, NM 88202		3b. Phone No. (include area code) 575-622-7355		30-005-20			
P.O. Box 2248 Roswell, NI 4. Location of Well (Footage, Sec.,	373-022-7333		10. Field and Pool, or Exploratory Area Many Gates Morrow				
990' FNL & 1980' FWL Sec 6-T10S-R30E				11. County or l	Parish, State		
12. CHECK AF	PPROPRIATE BOX(ES) TO	O INDICATE NATUR	E OF NOTICE, R	REPORT, OR C	OTHER DATA		
TYPE OF SUBMISSION		TYF	PE OF ACTION				
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (St Reclamation Recomplete Temporarily A Water Disposal	bandon	Water Shut-Off Well Integrity Other		
		,			and approximate duration thereof. of all pertinent markers and zones.		

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 days 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 once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Yeso Energy requests to plug and permanently abandon the Morgan Federal #1 well. The 5.5" casing has cement circulated to the surface as does the 9 5/8" surface casing. This well was a re-entry of a well bore previously drilled and plugged by Exxon on June 15, 1979. Well currently has no tubing in the well bore and was removed and prior to removal a pressure test on the 5.5" casing was performed and tested good from the packer setting depth of 9136' to the surface. Tubing and packer were both removed from the 5.5" casing.

Operator proposes to plug the well by pumping cement from the surface to the top of the Morrow perforations at 9241--9343' with sufficient cement to squeeze the open perforations 9241'--9343 and filling the entire wellbore to the surface with cement. See attached current well bore diagram and proposed plugged and abandoned well bore diagram.

Well head will be cut off 3' below ground level and a plate with weep hole installed on the top of the 8 5/8" casing with the appropriate well information on it. Production equipment will be removed, anchors cutoff 18" below ground level and the surface location and access road will be rehabilitated to native vegetation.

> APPROVED FOR 3 MONTH PERIOD ENDING JAN 2 5 2011

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14. Thereby certify that the foregoing is true and correct Name (Printed/Typed)	1							
Gene Lee	Title	Agent						
Signature Some Ly	Date	09/30/2010						
THIS SPACE FOR FEDERAL OR STATE OFFICE USE								
Approved by /S/ DAVID R. GLASS		THETROLEUM ENGINEER OCT 2 5 2010						
Conditions of approval, if any, are attached. Approval of this notice does not warra certify that the applicant holds legal or equitable title to those rights in the subject leads which would entitle the applicant to conduct operations thereon		Office ROSWELL FIELD OFFICE						
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any	v person	knowingly and willfully to make to any department or agency of the Unite	(

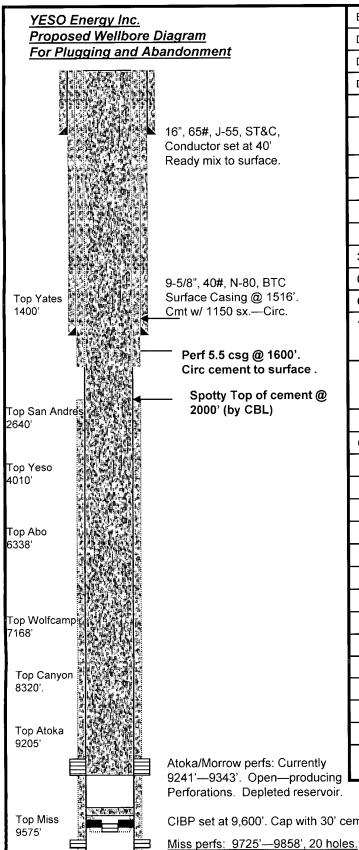
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

SEE ATTACHED FOR CONDITIONS OF APPROVAL



Elevation: 4015' GL YESO Energy Inc. Current Wellbore Diagram Date Spud: 03/02/1979 Exxon, 10/16/1996 Re-entry by Paloma 10-01-2010 Date TD'd: 04/13/1979 Exxon, 10/23/1996 by Paloma Date Completed: 02/07/96 Exxon, 10/27/1996 by Paloma **Zone Frac** Morrow 5000 gal 7.5% Acid + 50,000 gal Binary Foam with 16", 65#, J-55, ST&C, 56,000# 20/40 Interprop. Conductor set at 40' Ready mix to surface. Miss 12,750 Gal 15% NEFE + 50 Tons CO2. WELL CHRONOLOGICAL HISTORY <u>Date</u> **Event** 3/2/1979 Original Spud Date by Exxon, Inc. 04-05/1979 Original completion attempts by Exxon. 9-5/8", 40#, N-80, BTC Surface Casing @ 1516'. Top Yates 6/15/1979 Well P&A'd by Exxon 1400' Cmt w/ 1150 sx.—Circ. 10/16/1996 Well Re-Entered by Paloma Resources. Make a completion in Morrow at 9241—9343 in original Exxon Interval. Connect to Shoreham Pipeline Perf 5.5 csg @ 1600'. Circ cement to surface. Limited Reservoir. Production dropped rapidly and BHP bombs showed reservoir pressure Spotty Top of cement @ decreased from 3840 psi to 400 psi in 90 days. Top San Andres 2000' (by CBL) 2640' 6/2002 Well taken over by Yeso Energy, Inc. No Production Top Yeso 4010' Swab well. Get producing rate of 45 mcf/d. Shoreham pipeline shut in. No purchaser Top Abo Sand Ranch Pipeline purchased Shorehem 6338' Pipeline shut in due to leaks in line. Sand Ranch Pipeline says it will not fix pipeline Well Continued to be shut in. Top Wolfcamp Not economic to run new line to low pressure 7168 Targa pipeline North of Morgan Fed #1 Lease. Top Canyon 8320'. Pull tubing. Too poor condition to plug with. Prep to P&A Well down csg with cement. Top Atoka 9205' Last Well Test: 0 mcf/d Atoka/Morrow perfs: Currently 8/10/2009 9241'—9343'. Open—producing Perforations. Depleted reservoir. Yeso Energy Inc. Top Miss CIBP set at 9,600'. Cap with 30' cement. Morgan Federal #1 9575 Miss perfs: 9725'-9858', 20 holes. API #: 30-005-20667 Sec 6-T10S-R30E PBTD @ 9921' **Chaves County, NM** TD @ 10,000° 5-1/2"; 17# L80 & K55 LT&C Casing @ 10,000' **Current Wellbore** Cement with 1940 sx. TOC 2000' by CBL.



Elevation:	Elevation: 4015' GL				
Date Spud	Date Spud: 03/02/1979 Exxon, 10/16/1996 Re-entry by Paloma				
Date TD'd: 04/13/1979 Exxon, 10/23/1996 by Paloma					
Date Completed: 02/07/96 Exxon, 10/27/1996 by Paloma					
<u>Zone</u>		Frac			
Morrow	5000 gal 7.5% Acid + 50,000 gal Binary Foam with 56,000# 20/40 Interprop.				
Miss.	12	12,750 Gal 15% NEFE + 50 Tons CO2.			
WELL CHRONOLOGICAL HISTORY					
<u>Date</u>		<u>Event</u>			
3/2/1979	979 Original Spud Date by Exxon, Inc.				
04-05/197	9	Original completion attempts by Exxon.			
6/15/1979		Well P&A'd by Exxon			
10/16/1996		Well Re-Entered by Paloma Resources. Make a completion in Morrow at 9241—9343 in original Exxon Interval. Connect to Shoreham Pipeline			
	Limited Reservoir. Production dropped rapidly and BHP bombs showed reservoir pressure decreased from 3840 psi to 400 psi in 90 days.				
6/2002	6/2002 Well taken over by Yeso Energy, Inc.				
	No Production				
		Swab well. Get producing rate of 45 mcf/d.			
	Shoreham pipeline shut in. No purchaser				
		Sand Ranch Pipeline purchased Shorehem			
	Pipeline shut in due to leaks in line.				
		Sand Ranch Pipeline says it will not fix pipeline			
		Well Continued to be shut in.			
		Not economic to run new line to low pressure			
		Targa pipeline north of Morgan Fed #1 Lease.			
*					
		Pull tubing. Too poor condition to plug with.			
	Prep to P&A Well down csg with cement.				
	<u>Last Well Test:</u> 0 mcf/d 8/10/2009				

CIBP set at 9,600'. Cap with 30' cement.

PBTD @ 9921'

TD @ 10,000'

5-1/2"; 17# L80 & K55 LT&C Casing @ 10,000' Cement with 1940 sx. TOC 2000' by CBL.

Yeso Energy Inc. Morgan Federal #1 API #: 30-005-20667 Sec 6-T10S-R30E **Chaves County, NM** Proposed Wellbore -P&A

BUREAU OF LAND MANAGEMENT

Roswell Field Office 2909 West Second Street Roswell, New Mexico 88201 (575) 627-0272

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 the BLM Roswell Field Office, prior to the 90th day, with the reason for not meeting the deadline and a date when the BLM Roswell Field Office can expect the well to be plugged. Failure to do so will result in enforcement action.
- 2. <u>Notification:</u> Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours call (575) 627-0205 or after office hours call (575) 420-2832. Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5749.
- 3. <u>Blowout Preventers:</u> A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a 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 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 cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet 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 class "C" for up to 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.

- 6. Monument: Upon abandonment of the well, 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 covered with a metal plate at least ¼ inch thick and welded in place. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter 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 the BLM Roswell Field Office. 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.**

Following the submittal and approval of the Subsequent Report of Abandonment, a Notice of Intent for Final Abandonment with the proposed surface restoration procedure must be submitted for approval.