

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

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

*OCOMESIA*  
*JUN 25 2019*  
*DISTRICT OFFICE*

5. Lease Serial No.  
**LC-029415-A**

6. If Indian, Allottee or Tribe Name

7. Unit of CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**HUDSON OIL COMPANY OF TEXAS**

3a. Address  
**616 Texas Street Fort Worth, TX 76102**

3b. Phone No. (include area code)  
**817-336-7109**

8. Well Name and No.  
**PUCKETT A 2**

9. API Well No.  
**35-015-05374**

10. Field and Pool or Exploratory Area  
**MALJAMAR**

11. Country or Parish, State  
**EDDY COUNTY, NM**

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input type="checkbox"/> Other

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

*Cnd.* 1. MIRU well service rig and plugging equipment. POOH and lay down rods. RD pumping tee and install 7-1/6" 3K BOP's. MI and unload 2,100' 2-3/8" work string. **Set PKR @ 1970. Attempt to Est. Inj. Rate. Notify Jim Amos @ 575-361-2648**  
Pump Hole Vol. from 2070 - TD + 25 gal. woc. **Re-test Rate.**

2. RIH with 7" GR to 2,065'. Set CIBP @ 2,065'. RIH with tubing and tag CIBP. Displace well with 9.5 ppg mud. Test casing to 500 psi. RIH and perforate 7" casing @ 2,060'. Squeeze 25 sx cement from 2,060' - 1,840'. **1730**

3. RIH with tbg and tag cement @ 1,840'. If necessary, pump additional cement to bring top to 1,840'. **1730 (Yates & B. Salt)**

4. RIH and perforate 7" casing @ 780'. Squeeze cement across 8-1/4" shoe from 784' - 564'. WOC. RIH and tag cement. POOH with tubing. **780**

5. RIH and perforate 7" and 10" casing @ 60'. Squeeze 50 sx cement to surface. **(T. Salt & Shoe) Deep Penetrating Shots,**

6. Cut off well head and verify cement to surface around both casing strings. Install below ground dry hole marker. Cut off anchors, restore and reseed location.

RECLAMATION: "Rip and remove caliche, contour to surrounding topography, reseed."

*GC 6/26/19*  
**Accepted for record - NMOCD**

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
**MAREN ZORNES**

REGULATORY CONSULTANT  
Title

Signature *Maren Zornes*  
Date **04/26/2019**

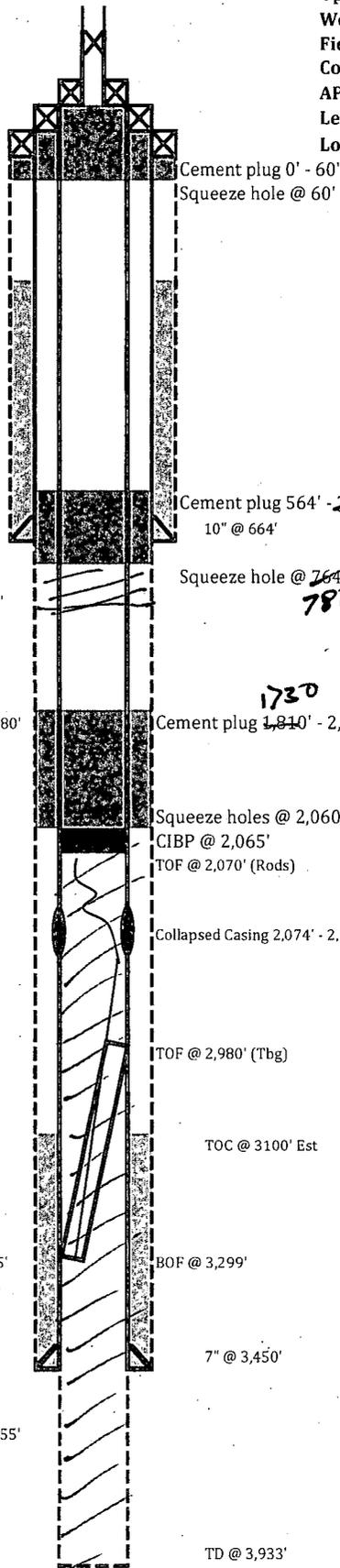
**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by *James A. Amos*  
Title **SAET** Date **5-25-19**

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.  
Office **CFO**

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.

**Proposed**



**Operator:** Hudson Oil Company of Texas  
**Well Name:** Puckett "A" #2  
**Field:** Maljamar  
**County/State:** Eddy County, New Mexico  
**API Number:** 30-015-05374  
**Lease Number:** LC-029415-A  
**Location:** Sec 24 - T17S - R31E  
 660' FNL & 1980' FEL

DRILLING DETAILS			
Spud Date:	8-10-35	KB [ft]:	3912
TD:	3,933'	GL [ft]:	3910
PBTD		KB-GL:	2
WELLHEAD AND TREE DETAILS			
Size & Rating			
A Section:			
B Section:			
Tree:			

CASING DETAILS					CMTING DETAILS		
Hole	Size	Wght	Grde	TOL	Depth	Vol	TOC [ft]
12-1/4"	10"	45			664'	20 sx	
9-3/4"	7"	24			3,450'	75 sx	3,100 Est

Downhole Item	1/18/1991	Length	Depth
Layed down tbg			

Downhole Item	1/18/1991	Length	Depth	Set
Layed down rods				

Oct-1976 - An attempt was made to swage out collapsed casing and remove tubing and rods. Tubing eventually parted below the collapse with the rods still inside tubing. Rods are now positioned in the 7" casing and appears to be coiled up. After 20 days of fishing operations were suspended and the well was put back on production.

PERFORATION DETAILS					
Zone	Gross Interval	Net Pay	Shots	IP Date	P&A'd
San Andres	3,450' - 3,933'	483'	Open hole		

TREATMENT DETAILS						
Interval	[bbls]	Type	Sd [lbs]	ISIP	ATR	ATP
3,450' - 3,933'	119	Acid				

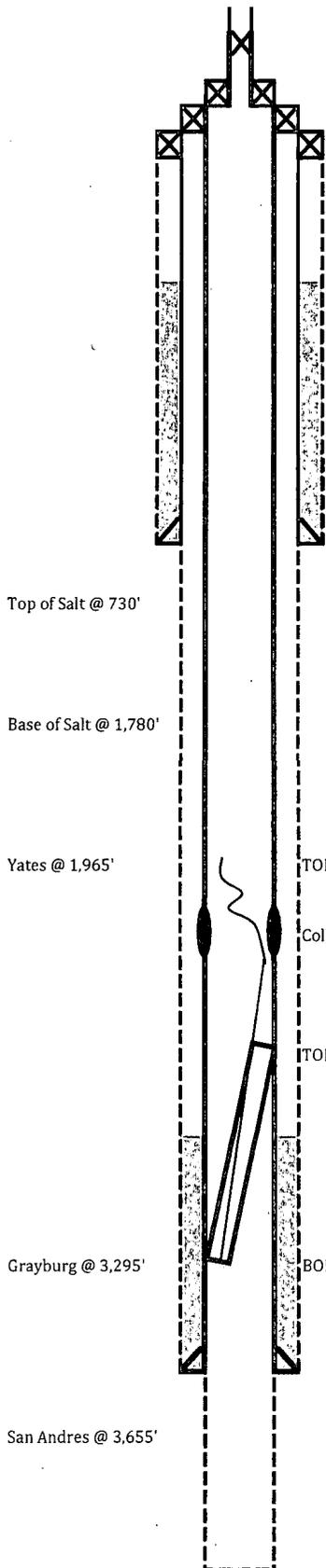
Date: 4/15/2019  
 By: Greg Milner

Current

Operator: Hudson Oil Company of Texas  
 Well Name: Puckett "A" #2  
 Field: Majjamar  
 County/State: Eddy County, New Mexico  
 API Number: 30-015-05374  
 Lease Number: LC-029415-A  
 Location: Sec 24 - T17S - R31E  
 660' FNL & 1980' FEL

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TD:	3,933'	GL [ft]:	3910
PBTD:		KB-GL:	2
WELLHEAD AND TREE DETAILS			
Size & Rating			
A Section:			
B Section:			
Tree:			

CASING DETAILS					CMTING DETAILS		
Hole	Size	Wght	Grde	TOL	Depth	Vol	TOC [ft]
12-1/4"	10"	45			664'	20 sx	
9-3/4"	7"	24			3,450'	75 sx	3,100 Est



10" @ 664'

Top of Salt @ 730'

Base of Salt @ 1,780'

Yates @ 1,965'

TOF @ 2,070' (Rods)

Collapsed Casing 2,074' - 2,166'

TOF @ 2,980' (Tbg)

TOC @ 3100' Est

Grayburg @ 3,295'

BOF @ 3,299'

7" @ 3,450'

San Andres @ 3,655'

TD @ 3,933'

Downhole Item	Date	Length	Depth
Layed down tbg	1/18/1991		

Downhole Item	Date	Length	Depth
Layed down rods	1/18/1991		

Oct-1976 - An attempt was made to swage out collapsed casing and remove tubing and rods. Tubing eventually parted below the collapse with the rods still inside tubing. Rods are now positioned in the 7" casing and appears to be coiled up. After 20 days of fishing operations were suspended and the well was put back on production.

PERFORATION DETAILS					
Zone	Gross Interval	Net Pay	Shots	IP Date	P&A'd
San Andres	3,450' - 3,933'	483'	Open hole		

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Interval	[bbbls]	Type	Sd [lbs]	ISIP	ATR	ATP
3,450' - 3,933'	119	Acid				

Date:	4/15/2019
By:	Greg Milner

Hudson Oil of Texas – P&A Procedure – 4/22/2019

**Puckett “A” #2**

API #: 35-015-05374

AFE#:

Field: Maljamar

Surf Location: Sec 24, T17S – R31E  
660' FNL & 1980' FEL

Latitude: 00.0000° N / Longitude: -00.0000° W

Eddy County, NM

Spud Date: 8-10-35

**Directions to Location**

From Maljamar: West on Hwy 82 for 4 miles. Turn south into location.

Description	Size	Wght	Grade	ID	Drift	Burst	Collapse	Btm MD	TOC
Surface	10"	45		8.097"	7.972"			556'	
Production	7"	24		4.95"	4.825"			3,280'	1,117' Est
Tubing									

**KB:** 3,912'

**GL:** 3,910'

**PBTD:** 3,933'

**TD:**

**Current Perfs:** 3,450' – 3,933' Open Hole

**Objective:** P&A Well Bore in compliance with the rules and regulations for the state of New Mexico.

Proposed Perfs: None

## Procedure

1. MIRU well service rig and plugging equipment. POOH and lay down rods. RD pumping tee and install 7-1/6" 3K BOP's. MI and unload 2,100' 2-3/8" work string. *Set PKR @ 1970. Attempt to Est. IWJ Rate. Notify Jim Amos 575-361-2648. Pump Cmt. Hole Vol. + 25 90 From 2070 - TD. WOC Re-test Rate*
2. RIH with 7" GR to 2,065'. Set CIBP @ 2,065'. RIH with tubing and tag CIBP. Displace well with 9.5 ppg mud. Test casing to 500 psi. RIH and perforate 7" casing @ 2,060'. Squeeze ~~75~~ sx cement from 2,060' - ~~1,810'~~ <sup>1730</sup>
3. RIH with tbg and tag cement @ ~~1,810'~~ <sup>1730</sup>. If necessary, pump additional cement to bring top to ~~1,810'~~ <sup>1730</sup>.
4. RIH and perforate 7" casing @ ~~764'~~ <sup>780</sup>. Squeeze cement across 8-1/4" shoe from ~~764'~~ <sup>780</sup> - 564'. WOC. RIH and tag cement. POOH with tubing.
5. RIH and perforate 7" and 10" casing @ 60'. Squeeze 50 sx cement to surface. *Deep penetrating Shots*
6. Cut off well head and verify cement to surface around both casing strings. Install below ground dry hole marker. Cut off anchors, restore and reseed location.

**THIS PROCEDURE HAS BEEN PROPOSED IN CONSIDERATION OF AND WITH RESPECT GIVEN TO THE MANY VARIABLES AND POTENTIAL PROBLEMS THAT MAY BE ENCOUNTERED IN THIS WELL IN THIS GEOGRAPHICAL AREA. THEREFORE, THIS PROCEDURE IS TO SERVE AS A GENERAL GUIDELINE AND WILL BE REVIEWED AND MODIFIED WHEN REQUIRED AS DETERMINED BY ACTUAL WELLBORE CONDITIONS ENCOUNTERED IN THE OPERATIONS. SAFETY AND PRUDENT PRACTICES WILL TAKE PRIORITY AT ALL TIMES.**

**Prior to rig up of any operations and prior to the actual operations, always hold safety meeting to discuss any potential hazards, accurately record names of all personnel on location, pick meeting place, discuss evacuation plans, designate hospital of choice and have coordinates and phone numbers for care flight operations if necessary. Completely discuss the operation and/or rig-up so that all personnel understand the plan, responsibilities and any potential changes that may take place during the rig up or operation**

Prepared By: \_\_\_\_\_

Date: \_\_\_\_\_

Greg Milner  
Petroleum Engineer

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 (LPC Habitat)

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 ninety (90) 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.

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. Notification: 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. Blowout Preventers: 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. Mud Requirement: 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. Cement Requirement: 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. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): 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 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off. Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings 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. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

7. Subsequent Plugging Reporting: 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. Trash: 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 objectives.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:

From March 1<sup>st</sup> through June 15<sup>th</sup> annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted