

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
1625 N. French Dr.  
Hobbs, NM 88240

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ConocoPhillips Company

3a. Address

4001 Penbrook Street Odessa TX 79762

3b. Phone No. ( include area code )

(432)368-1667

4. Location of Well ( Footage, Sec., T., R., M., or Survey Description )

660' FSL & 660' FWL  
Sec. 21, T-24-S, R-37-E, UL "M"

5. Lease Serial No.

NMNM7486

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Jack A-21 #1

9. API Well No.

30-025-11184

10. Field and Pool, or Exploratory Area

Jalmat; Tan-Yates-7 RVRS (Pro Gas)

11. County or Parish, State

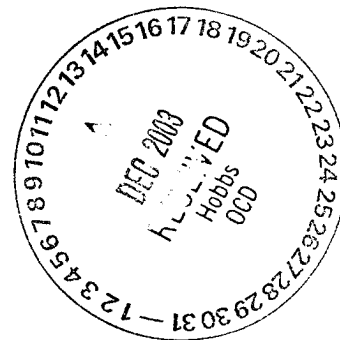
Lea  
NM

**12. CHECK 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"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<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	

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 recompleat horizontally, give subsurface locations 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat 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.)

Request authority to Plug and Abandon well per the attached Procedure.



14. I hereby certify that the foregoing is true and correct

Name ( Printed/Typed )

Celeste G. Dale

Title

Regulatory Analyst

Signature

Date

12/02/2003

APPROVED THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) DAVID H. GLASS

Title

Date

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

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

Title 18 U.S.C. Section 1001 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.

## ConocoPhillips (McDonnold Operating)

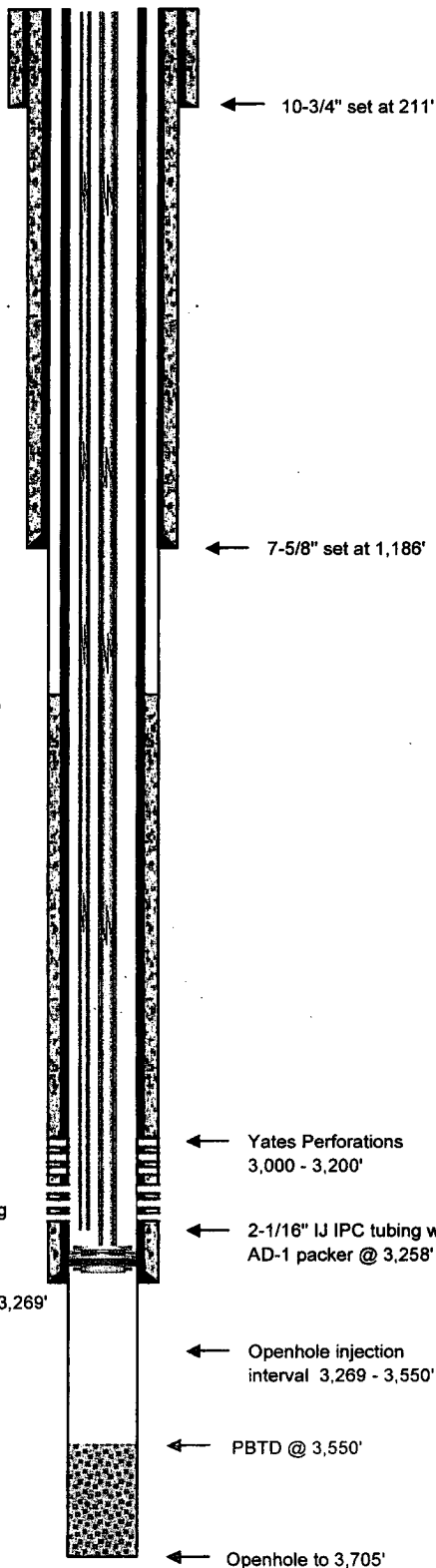
### Proposed Plugging Procedure

Langlie Jack Unit #16  
Langlie Mattix Yates Field  
Section 21, T24S, R37E  
Lea County, New Mexico

#### See attached wellbore diagrams for wellbore configuration

~~Dual completion~~ injection under packer @ 3,258'; Yates gas production thru 1½" tubing @ 3,249'. Fluid level shot 11/21/03 indicated fluid @ 3,055', CP 53 psi.

- Notify BLM & OCD 24 hrs prior to move in, and 4 hrs prior to plugs
  - Hold daily tailgate safety meetings w/ crews
1. Set steel pit and flow well down as needed.
  2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP w/ adapter/rams for dual tubing as needed. POOH laying down 1½" IJ tubing. Release AD-1 packer @ 3,258' and POOH laying down 2-1/16" IJ IPC tubing, tally tubing for packer depth.
  3. RIH w/ 5½" CICR on 2-3/8" workstring tbg to 3,258'.
  4. RU cementer, set CICR @ 3,258' (packer seat). Sting out of CICR and circulate hole w/ mud. Sting into CICR and squeeze 55 sx C cmt under CICR, leave 5 sx C cmt on top of CICR. POOH w/ tbg. **openhole plug**
  5. RIH w/ 5½" CICR to 2,900'.
  6. Set CICR @ 2,900'. Squeeze 60 sx C cmt under CICR, sting out of CICR and pump 35 sx C cmt on top of CICR 2,900 – 2,630'. POOH w/ tbg. **Yates / base of salt plug**
  7. RU lubricator and RIH w/ wireline and perforate 5½" casing @ 1,236'. POOH w/ wireline.
  8. RIH w/ packer to 1,000' and establish rate into perforations, squeeze 45 sx C cmt w/ 2% CaCl<sub>2</sub> 1,236 – 1,136'. WOC & tag this plug. **casing shoe & top of salt plug**
  9. SI BOP and pressure-test casing to 500 psi. If casing does not test, RIH w/ AD-1 packer and isolate holes in casing, contact OCD for procedure if holes in casing found.
  10. RIH w/ wireline and perforate 5½" casing @ 261'. POOH w/ wireline.
  11. ND BOP and NU wellhead. Establish circulation to surface and squeeze 55 sx C cmt 261' to surface. **surface casing shoe & surface plug**
  12. SI well. RDMO. Clean steel pit and dispose of bottoms.
  13. Cut off wellhead and anchors, level location. Leave location clean and free of trash.



Field Name: Langlie Mattix Yates

County: Lea

Well Type: Oil

State: New Mexico

Depth: 3,705

RRC District:

Drilling Commenced:

Section: 21

Drilling Completed:

Block:

Date Well Plugged:

Survey: T-24-S; R-37-E

Longitude:

660 FSL &amp; 660 FWL

Latitude:

Freshwater Depths:

API #: 30-025-11184

Elevation: 3,247'

Lease or ID: LC 32326A

## Casing

Description	Size (inches)	Depth (feet)	TOC (feet)	Cement (sacks)	Hole Size (inches)
Surface:	10-3/4"	211	Surface	225	
Intermediate:	7-5/8"	1,186	Surface	425	
Production:	5-1/2"	3,269	1,300	425	

## Existing Plugs

Description	Top (feet)	Depth (feet)	Volume (sacks)	Volume (cu ft)

## Perforations

Formation	Top (feet)	Depth (feet)
Yates Perforations	3,000	3,200

## Formations

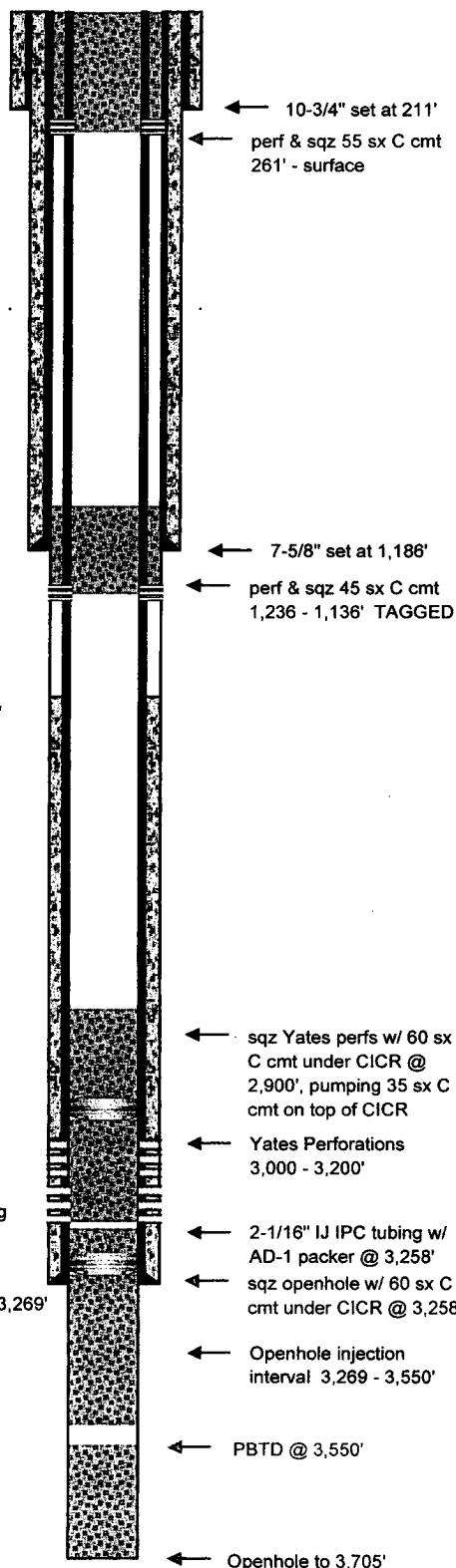
Name	Top of Formation
Top of Salt	1,230
Base of Salt	2,680

## Comments

Wellbore diagram based on data from 1970.

Prepared By: Jim Newman

Date: 11/24/2003



Field Name:	Langlie Mattix Yates		
County:	Lea	Well Type:	Oil
State:	New Mexico	Depth:	3,705
RRC District:		Drilling Commenced:	
Section:	21	Drilling Completed:	
Block:		Date Well Plugged:	
Survey:	T-24-S; R-37-E	Longitude:	
	660 FSL & 660 FWL	Latitude:	
		Freshwater Depths:	
API #:	30-025-11184	Elevation:	3,247'
Lease or ID:	LC 32326A		

## Casing

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## Proposed Plugs

Description	Top (feet)	Depth (feet)	Volume (sacks)	Volume (cu ft)
1 CICR/cement squeeze	3,210	3,540	60	79
2 CICR/cement squeeze	2,900	3,200	60	79
3 class C cement, balanced	2,630	2,900	35	46
4 cement squeeze, packer	1,136 (TAG)	1,236	45	59
5 cement squeeze, packer	surface	261	55	73

## Perforations

Formation	Top (feet)	Depth (feet)	
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## Formations

Name	Top of Formation	
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## Comments

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