

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

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.

S

5 Lease Serial No.
NM-33943
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

APR 10 2008

2. Name of Operator

Yates Petroleum Corporation

OCD-ARTESIA

3a Address

105 S. 4th Str., Artesia, NM 88210

3b Phone No. (include area code)

575-748-1471

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

660'FNL & 1980'FWL of Section 15-T9S-R24E (Unit C, NENW)

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

8. Well Name and No.

Melena Federal #1

9. API Well No

30-005-60865

10. Field and Pool or Exploratory Area

Pecos Slope; Abo, South

11. County or Parish, State

Chaves County, New Mexico

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

TYPE OF SUBMISSION

TYPE 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 (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off
Well Integrity

☐ Other

ACCEPTED FOR RECORD

APR 10 2008

Gerry Guye, Deputy Field Inspector
NMOCD-District II ARTESIA

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 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 recompleat 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.

APPROVED FOR 3 MONTH PERIOD

Yates Petroleum Corporation plans to plug and abandon this well as follows:

1. Rig up safety equipment as needed. No casing recovery will be attempted.
2. Set a CIBP at 3318' with 35' cement on top. This puts a plug over the Abo perforations.
3. Spot a 25 sx Class "C" cement plug from 1550'-1650'. This puts a 100' plug across the Intermediate casing shoe.
4. Spot a 25 sx Class "C" cement plug from 1035'-1135'. This puts a 100' plug across the top of the Glorieta. WOC and tag plug.
5. Spot a 25 sx Class "C" cement plug from 821'-921'. This puts a 100' plug across the Surface casing shoe. WOC and tag plug.
6. Perforate and spot a 25 sx Class "C" cement plug from 60' up to the surface, inside and outside the casing.
7. Remove all surface equipment, weld dry hole marker and clean location as per regulations.

ENDING

07-02-08

SEE ATTACHED FOR

CONDITIONS OF APPROVAL

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

Name (Printed/Typed)

Tina Huerta

Title Regulatory Compliance Supervisor

Signature

Tina Huerta

Date

March 28, 2008

APPROVED

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GARY GOURLEY

PETROLEUM ENGINEER

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

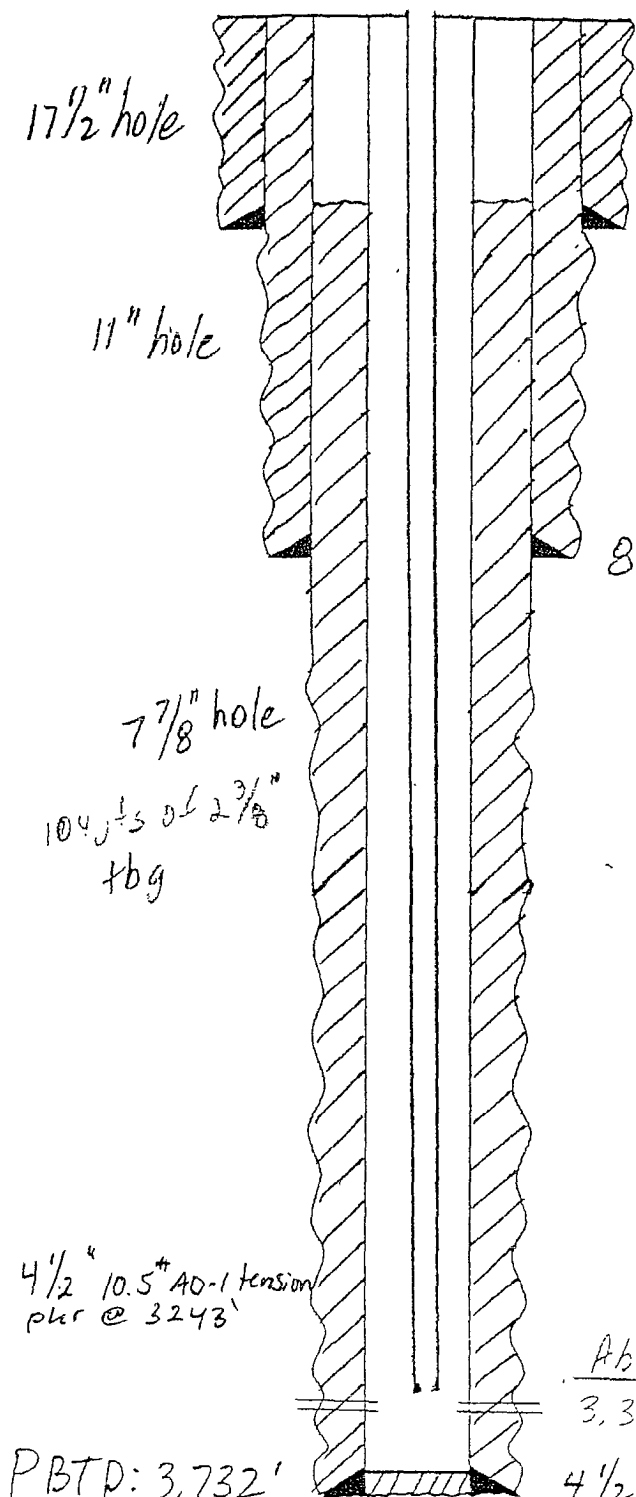
Date

Office

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.

WELLNAME: Mejuna Federal #1 FIELD: Pecos Slope Abo
 LOCATION: 660' FNL + 1980' FWL, Sec. 15, T9S, R24E, CHAVES CO, NM.
 GL: 3,590' ZERO: _____ AGL: _____ KB: 3,600'
 SPUD DATE: 2/9/81 COMPLETION DATE: 3/10/81
 COMMENTS: Never hooked up to sales

CASING PROGRAM	
SIZE/WT/GR/CONN	DEPTH SET
13 3/8", 48.0 #/ft, H-40, ST&C	871'
8 5/8", 24.0 #/ft, J-55, ST&C	1,600'
4 1/2", 10.50 #/ft, J-55, ST&C	3,775'



TOL: 700'
 13 3/8" @ 871', CMTD w/ 1,150 SACKS
 CMT line to surface

Before

8 5/8" @ 1,600' CMTD w/ 1,400 SACKS
 CMT line to surface

Fm. Tops

San Andres 215'
 Glorieta 1085'
 Abo 3237'

A: 2K gals 7 1/2" 3/11/81
 F: 40 K gals 75 quality sand
 w/ 60K lbs of 20/40 SD
 down to bg

Abo

3,368' - 3,390', w/ 23 holes, shot 3/10/81

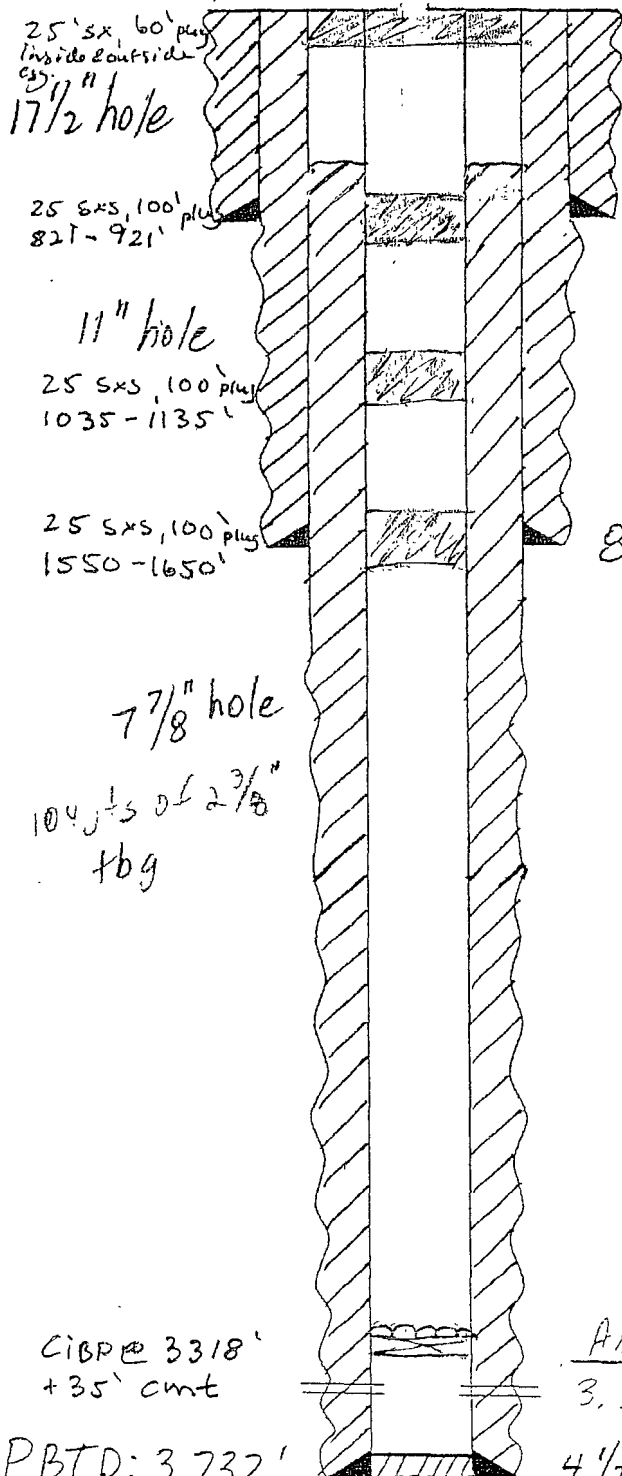
4 1/2" @ 3,775 CMTD w/ 750 SACKS

DATE: 5/10/02 JWP

- SKETCH NOT TO SCALE -

WELLNAME: Melena Federal #1 FIELD: Pecos Slope Abo
 LOCATION: 660' FNL + 1980' FWL, Sec. 15, T9S, R2E, CHAVES CO, NM.
 GL: 3,590' ZERO: _____ AGL: _____ KB: 3,600'
 SPUD DATE: 2/9/81 COMPLETION DATE: 3/10/81
 COMMENTS: Never hooked up to sales

CASING PROGRAM	
SIZE/WT/GR/CONN	DEPTH SET
13 3/8", 48.0 #14, H-40, ST&C	871'
8 5/8", 24.0 #14, J-55, ST&C	1,600'
4 1/2", 10.50 #14, J-55, ST&C	3,775'



TOL: 700'

13 3/8" @ 871', CMTD W/ 1,150 SACKS
CMT line to surface

After.

8 5/8" @ 1,600' CMTD W/ 1,400 SACKS
CMT line to surface

Fm. Tops

San Andres 215'
 Gorieta 1085'
 Abo 3237'

A: 2K gals 7 1/2" 3 1/4"
 F. 40 K gals 75 quality sand
 w/ 60K lbs of 20/40 SD
 down to bag

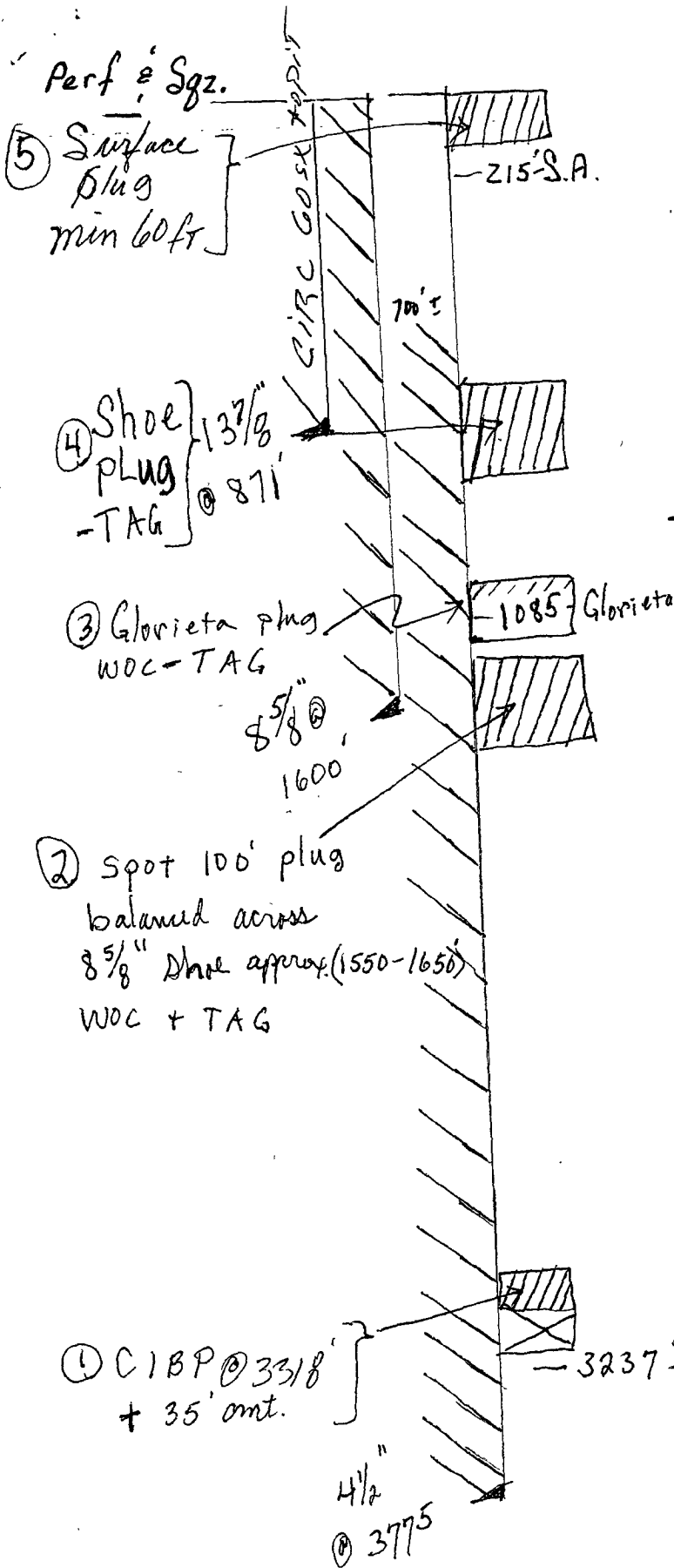
Abo
 3,360' - 3,390', w/ 23 holes, shot 3/10/81

4 1/2" @ 3,775' CMTD W/ 750 SACKS

DATE: 5/10/02 JWP

TD: 3,776' - SKETCH NOT TO SCALE -

Melena Federal #1
 660'N & 1980'W
 30-005-60865
 YATES Petro. NM 33943



CAPACITY of VOIDS:

13 7/8" string - circulated to Surface

8 5/8" string - Cement = 12 inch hole +
 $2^2 = 144 \text{ bbls per } 1000 \text{ ft} \Rightarrow 14.4 \text{ bbls/100 ft}$
 $(14.4 \text{ bbls}) \cdot (5.6 \frac{\text{cu ft}}{\text{bbl}}) = 78 \text{ cu ft per } 100'$
 $78 \text{ cu ft} / 1.3 \frac{\text{cu ft}}{\text{sx}} \text{ yield} = 60 \text{ sx per } 100 \text{ ft.}$

TOC

$\frac{1400 \text{ sx USED}}{60 \text{ sx } 100 \text{ ft}} = 23 \text{ sx} \cdot 100 = 2300' \text{ displacm.}$

$(2300 \text{ ft}) (60\% \text{ efficiency}) = 1380 \text{ ft}$

Reported Circulated - OK.

4 1/2" , 700 sx , TOC = 700 ft from the surface.

APPROVED

APR - 2 2008

GARY GOURLEY
 PETROLEUM ENGINEER