

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 19 1992

O. C. D.
ARTESIA OFFICE

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM 021095

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Yates "A" #15

9. API Well No.

30-015-10072

10. Field and Pool, or Exploratory Area

Loco Hills-Q-Grayburg-SA

11. County or Parish, State

Eddy, NM

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☒ Other TA or PA Well

2. Name of Operator

YATES PETROLEUM CORPORATION (505) 748-1471

3. Address and Telephone No.

105 South 4th St., Artesia, NM 88210

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

Unit M, 330' FSL & 330' fWL, Sec. 6-T18S-R30E

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other REPAIR OR P&A WELL

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Propose to TA or plug and abandon well.
See attachment for proposed work procedure.

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

Signed [Signature]

Title Production Supervisor

Date 9-28-92

(This space for Federal or State office use)

PETROLEUM ENGINEER

Approved by _____
Conditions of approval, if any:

Title _____

Date 10/5/92

PLEASE SEE ATTACHED.

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.

*See Instruction on Reverse Side

Yates "A" #15
Unit M, 330' FSL & 330' FWL
Sec 6-T18S-R30E NMPM
Loco Hills Field

Casing:

8 5/8"	@416'	50sx
5 1/2"	@2732'	100sx

Formation Tops:

Top Salt	424'
Base Salt	1170'
Top Queen	2375'
Top Gbg Snd	2780'
Base Gbg Snd	2810'

Perfs: OH f/ 2732' - 2830'

Note: Mud (min 25# gel per 1bbl water) is to be placed between all plugs.

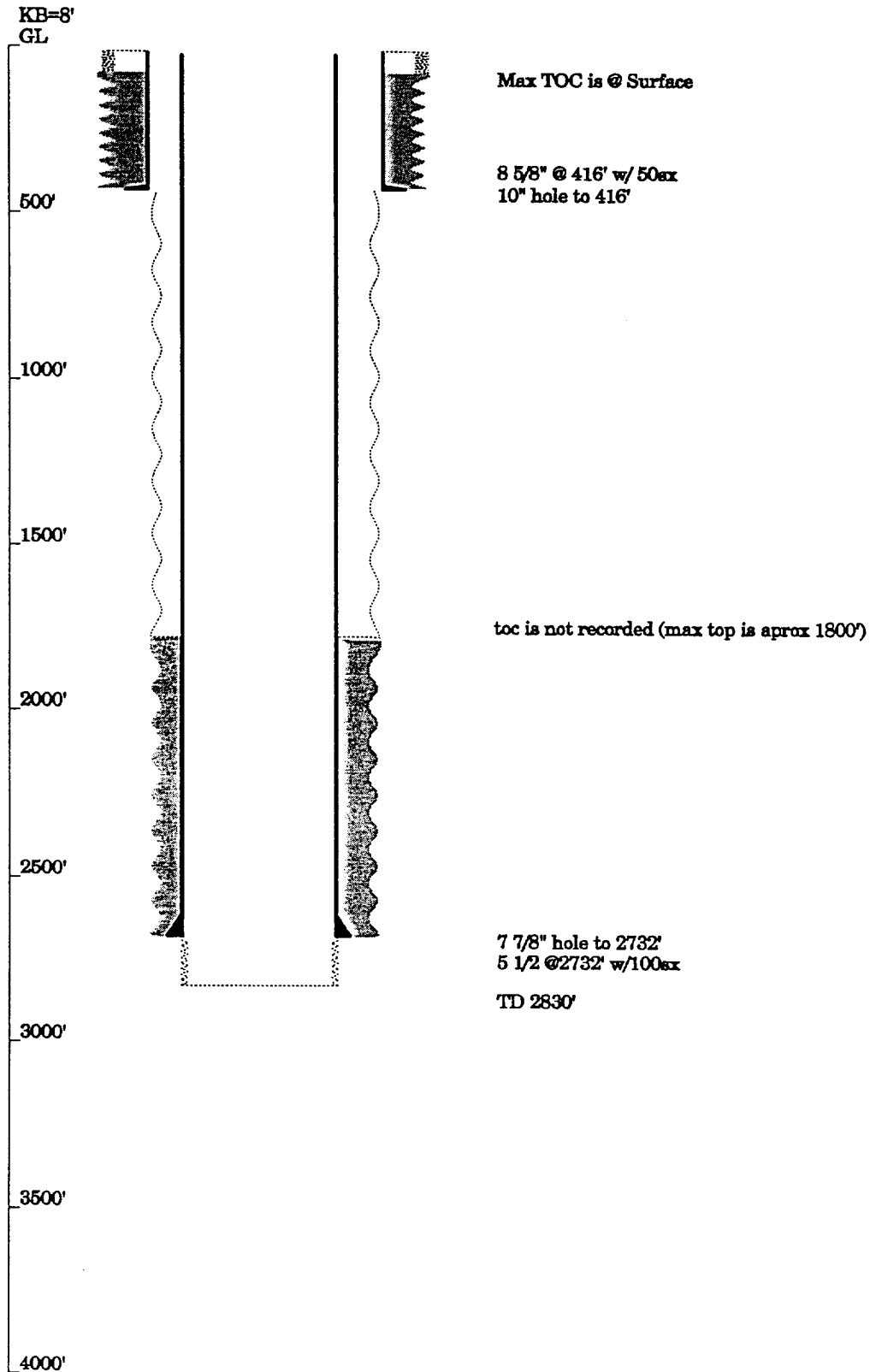
Propose to TA Note: notify BLM & NMOCD prior to plugging

1. MIRUPU. POOH w/ tubing and packer.
2. RIH w/ bit and scraper on tubing and clean-out to 2732'. POOH.
3. Run cement bond log to determine TOC.
4. GIH w/ 5 1/2" CIBP and set @ 2682'. Dump 35' of cement on top of plug.
5. If TOC is not above the top of Queen (2375'), GIH w/ perf gun and perf 4 holes @ 2375'. POOH w/ perf gun. GIH w/ cmnt. retainer on 2 3/8" tubing and set CR @ 2325'. Squeeze Queen w/ 50 sx Class "C" w/ 2% CaCl₂. Dump 35' of cement on CR. POOH.
6. Pressure test casing to 500 psi.
7. If casing tests OK the install pressure guage and move out PU.
8. If casing does not test, RIH w/ RBP and packer and locate holes.
9. If holes are above the base of the salt (1170') and TOC (from bond log) is not above the base of the salt, GIH w/ perf gun and perf 4 holes @ 1170'. POOH w/ perf gun. GIH w/ cmnt. retainer on 2 3/8" tubing and set CR @ 1120'. Squeeze Base of Salt w/ 50 sx Class "C" w/ 2% CaCl₂. Dump 35' of cement on CR. POOH.
10. If possible, repair remaining holes in casing and pressure test casing to 500 psi. Install pressure monitoring gauge. Move out PU.
11. If holes cannot be repaired, prepare to P&A the well as follows.
12. Cut and pull 5 1/2" casing @ 424'.
13. GIH w/ cmnt. retainer on 2 3/8" tubing and set CR @ 374'. Squeeze Top of Salt w/ 50 sx Class "C" w/ 2% CaCl₂. Dump 35' of cement on CR. POOH.
14. Pressure test 8 5/8" to 500 psi.
15. If casing tests, RIH w/ perf gun & perforate 4 holes @ 250'. Attempt to circulate. If casing does not test, RIH w/ packer & locate holes.
16. Attempt to establish circulation down casing. After circulation is established, pump 50-100 sx Class C, leave 100' of cement in casing. WOC. If circulation is not established, Pump 50 sx Class C out of holes & leave 100' of cement in casing. WOC.
17. RIH & tag plug @150' or higher.
18. Cement abandonment marker w/ 15 sx plug (at least 50').

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Current

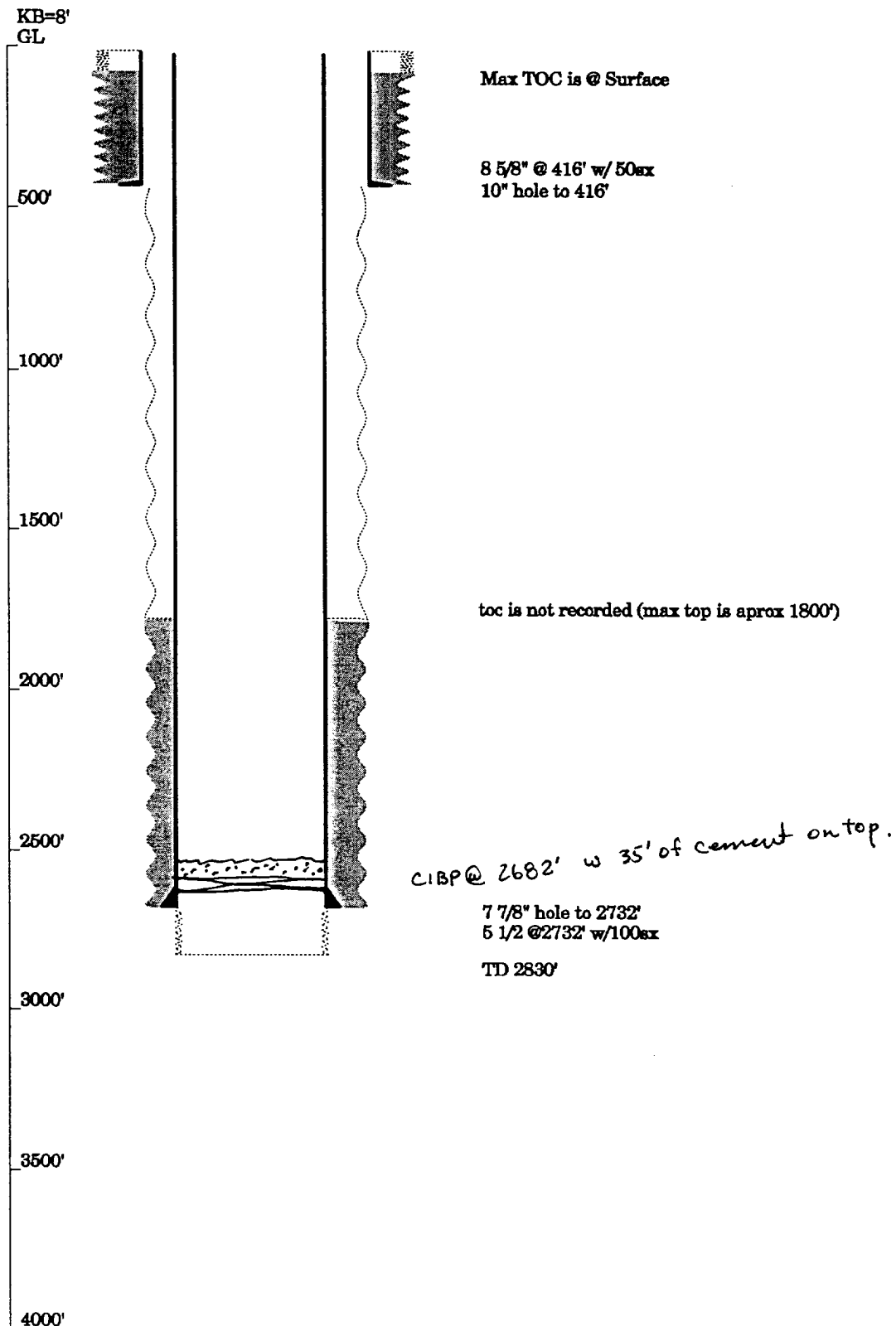


Yates "A" #15

Unit M, 330' FSL 330' FWL

Sec. 6-T18S-R30E NMPM

Proposed



(Rev. 9-30-92)

BUREAU OF LAND MANAGEMENT
CARLSBAD RESOURCE AREA

Temporary Abandonment of Wells on Federal Lands

Conditions of Approval

According to 43 CFR 3162.3-4-c, " No well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer".

Temporary Abandonment (TA) status approval requires a successful casing integrity test as follows:

1. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County call (505) 887-6544 ; for wells in Lea County call (505) 393-3612.
2. A bridge plug or packer shall be set at a maximum of 50 feet above any open perforations or open hole.
3. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
4. The production casing shall be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes with a 10% allowable leak-off.

Wells that successfully pass the casing integrity test will be approved for Temporary Abandonment (TA) status for 12 months provided that the operator:

1. Submits a subsequent Sundry Notice requesting TA approval,
2. Attaches a clear copy or the original of the pressure test chart,
3. And explains why such a well should not be plugged and abandoned.

The TA status could be extended without another casing integrity test provided there was no leak-off during the test and the test was witnessed by a BLM representative.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.

BUREAU OF LAND MANAGEMENT
CARLSBAD RESOURCE AREA

Permanent Abandonment of Wells on Federal Lands

Conditions of Approval

1. ~~Approval: Plugging operations shall commence within 90 days of the date of approval of the plugging plan.~~

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Eddy County call (505)887-6544 ; for wells in Lea County call (505) 393-3612.

3. Blowout Preventers: 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 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 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 otherwise specified in the approved procedure, the cement plug shall consist of either class "C" , for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H" , for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4.3 gallons of fresh water per sack.

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 well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. 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, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five 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.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.