

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

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

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

5. Lease Designation and Serial No.

LC-032581A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Sholes A No. 6

9. API Well No.

30-025-09760

10. Field and Pool, or Exploratory Area

Jalmar Yates 7 Rvrs

11. County or Parish, State

Lea County, NM

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Conoco Inc.

3. Address and Telephone No.

10 Desta Drive Midland, TX 79705 (915)686-6540

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

Unit J, 2310' FSL & 2310' FEL, Sec. 13, T-25S, R-36E

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 _____

- ☐ 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.)*

We propose to plug and abandon the Sholes A No. 6 according to the attached procedure.

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

Signed

Title Administrative Supervisor

Date

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special in-

structions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

SPECIFIC INSTRUCTIONS

Item 4—If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13—Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive

zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE — The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES:

- (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.
- (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3–2(2).
- (3) Analyze future applications to drill or modify operations in light of data obtained and methods used.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION — Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct — comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.

PRODUCTION FOREMAN:

1. Notify BLM Office for witnessing prior to commencement.
2. Notify office by morning report on details of commencement and completion of work.
3. Supply material memos and tallies of salvaged, junked, or write-off equipment to Material Coordinator.
4. If last well on lease, advise Material Coordinator when location cleared and restored. Material Coordinator to notify Land Dept. for release of lease.

Summary:

The following procedure is recommended to permanently plug and abandon Sholes A No. 6. The dimensions and strengths of the casing strings utilized in this wellbore are no longer standard. The Casing/Tubing specifications listed below are approximated to today's nearest standard string for slurry volume calculations.

1. Pump through cement retainer @ 2275'. Pump 170 sacks of cement to fill 7" casing and squeeze off perforations.
2. String out of cement retainer. Spot 25 sack cement plug on top of retainer.
3. Load hole with mud.
4. Perforate 7" casing @ 1600'. Spot 45 sack cement plug across intermediate casing shoe. WOC. Tag top of plug.
5. Spot 25 sack cement plug across top of salt. WOC. Tag top of plug.
6. Perforate 7" casing @ 200'. Circulate 70 sacks of cement to set surface plug.
7. Pump 55 sacks of cement down 13" x 9-5/8" annulus across surface casing shoe to 200'.

Location:

2310' FSL & 2310' FEL, Unit J, Sec. 13, T-25S, R-36E
Lea County, NM

Elevation:

3143' DF (10' AGL)

Completion:

Jalmat Yates PBD: 2990'
TD: 3325'
Perfs: 2851'-2910' (59 shots)
2965'-2975' (shot w/10 qts SNG)
2920'-2980' (60 shots)

7" Elder cement retainer set @ 2275' (6/22/89).

Casing/Tubing Specifications:

O.D. (in)	Weight (lbs/ft)	Grade	Depth (ft)	Drift (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)	(ft ³ /ft)
13	50.0	H-40	150	12.126	770	1730	.1465	.8227
9-5/8	36.0	H-40	1547	8.765	1740	2560	.0773	.4340
7	23	J-55	3280	6.211	3270	4360	.0390	.2189
2-7/8	6.5	N-80		2.347	11,160	10,570	.00579	.0325

12" casing set @ 150' with 90 sacks cement (est top of cml at surface).
9-5/8" casing set @ 1547' with 600 sacks cement.
7" casing set @ 3280' with 300 sacks cement.

Use safety factor of 70% for collapse and burst pressures.
Assume 2-7/8" workstring will be used.

- Notes:
1. All cement slurry used in this procedure shall be Class "C" neat mixed @ 14.8 ppg.
 2. All mud shall be 9.5 ppg with 25 lbs gel/bbl brine.

Recommended Procedure:

- SAFETY:
- 1) A TAGGATE SAFETY MEETING SHALL BE HELD PRIOR TO COMMENCING ANY WORK.
 - 2) REVIEW VENDOR'S WELLSITE SAFETY PROCEDURES IN ADDITION TO CONOCO'S APPLICABLE SAFETY PROCEDURES.

1. Prepare well for P&A:

- A. MIRU, ND wellhead and NU BOP.
- B. PU and TIH with setting tool and 2-7/8" workstring to cement retainer at 2275'.
- C. String into retainer. Establish a pump-in rate with 50 bbls fresh water. Maximum pressure is 1000 psi.
- D. If can't pump through retainer, string out and POOH with WS.
- E. GIH with 6-1/8" bit, 4 4-3/4" drill collars, and WS. Drill out retainer at 2275'. POOH.
- F. GIH with 7" cement retainer, setting tool and WS. Set retainer at 2800'.

Note: Water, mud and cement volumes must be adjusted for this depth in Step 2 below.

2. Abandon Jalmat Yates:

- A. MIRU cement services.

- SAFETY:
- 1) ALL LINES MUST BE PROPERLY STAKED.
 - 2) KEEP A SAFE DISTANCE AWAY FROM ALL PRESSURIZED LINES.

- B. Circulate hole with 90 bbls fresh water. Pump 170 sacks cement (34 sacks excess) through retainer. Maximum surface pressure is 1000 psi.
- C. String out of cement retainer. Spot 25 sacks cement from 2275'-2125' and displace with 12 bbls fresh water.
- D. PU to 2125' and circulate hole with 80 bbls mud.
- E. POOH with WS.

3. Spot cement plug across intermediate casing shoe:

- A. MIRU wireline services.

- SAFETY:
- 1) INSURE VENDOR HAS POSTED WARNING SIGNS AT ALL ENTRANCES TO LOCATION.
 - 2) KEEP ALL UNNECESSARY PERSONNEL AWAY FROM PERFORATING GUNS.

- 3) A PACK-OFF IS REQUIRED FOR ALL LOGGING AND PERFORATING RUNS.
4) BE SURE TO TURN OFF RADIOS AND MOBILE TELEPHONES. GROUND WELLHEAD TO PERFORATING TRUCK.

- B. RIH with a 4" casing gun loaded 4 JSPF (120" phase, .4" EHD, centralized) and CCL.
C. Perforate 7" production casing @ 1600'. POOH.
D. GIH with WS to 1600'. Close BOP. Pump 55 bbls mud to load hole and establish circulation up 9-5/8" x 7" annulus.
E. Pump 45 sacks cement to spot cement plug from 1600'-1450' in and out of 7" casing. Displace cement with 8 bbls mud.
F. POOH with WS. MOC. GIH and tag top of cement.
G. POOH laying down WS to 1320'.

4. Spot cement plug across top of salt:

- A. Load hole with mud.
B. Spot 25 sacks cement from 1320'-1170' and displace with 6 bbls mud.
C. POOH with WS. MOC. GIH and tag top of cement.
D. POOH laying down WS.

5. Circulate cement up intermediate casing and set surface plugs:

- A. RIH with a 4" casing gun loaded 4 JSPF (120" phase, .4" EHD, centralized) and CCL.
B. Perforate 7" production casing @ 200'. POOH.
C. GIH w/1 joint 2-7/8" tubing. Close BOP. Pump 10 bbls mud to load hole and establish circulation up 9-5/8" x 7" annulus.
D. Pump 70 sacks cement (12 sacks excess) to fill up 9-5/8" x 7" annulus and set surface plug in 7" casing.

Note: If cement does not circulate to surface, pump 25 sx down 9-5/8" x 7" annulus.

- E. POOH with tubing.
F. Pump 55 sacks cement (7 sacks excess) down 13" x 9-5/8" annulus to 200'. Maximum surface pressure is 500 psi.
G. RD wireline and cement services.

6. Prepare surface location for abandonment:

- A. ND BOP and cut off all casing strings at the base of the cellar or 3' below the final restored ground level (whichever is deeper). RDMO pulling unit.
B. Fill the casing strings (if necessary) from the cement plug to surface with cement.
C. Cover the wellbore with a metal plate at least 1/4" thick, welded in place, or a cement cap extending radially at least 12" beyond the 13" casing and at least 4" thick.
D. Erect an abandonment marker according to the following specifications:
1. Marker must be at least 4" diameter pipe, 10' long with 4' above restored ground level, and embedded in cement.

2. Marker must be capped and inscribed with the following well information:

Sholes A No. 6
Unit J, Sec. 13, T-25S, R-36E
Lea County, NM
Date

Note: 1/4" metal plate can be welded to marker and then to the casing after the marker is set in cement.

- E. Cut off dead-man anchors below ground level and remove markers. Fill in cellar and workover pit.
F. Remove all equipment, concrete bases, and pipe not in use.
G. Clean and restore location to its natural state. Reseed according to BLM requirements.

7. Send a copy of the well service report and final PSA schematic to the Midland Office so the proper forms can be filed.

Approved:

Tom C. Caldwell
Engineering Technician
1/23/91
Date

Joe Meard
Engineer
28 Jan 91
Date

Chile Ortiz
Supervising Production Engineer
2/6/91
Date

Division Engineering Manager
Date

Production Superintendent
2-19-91
Date

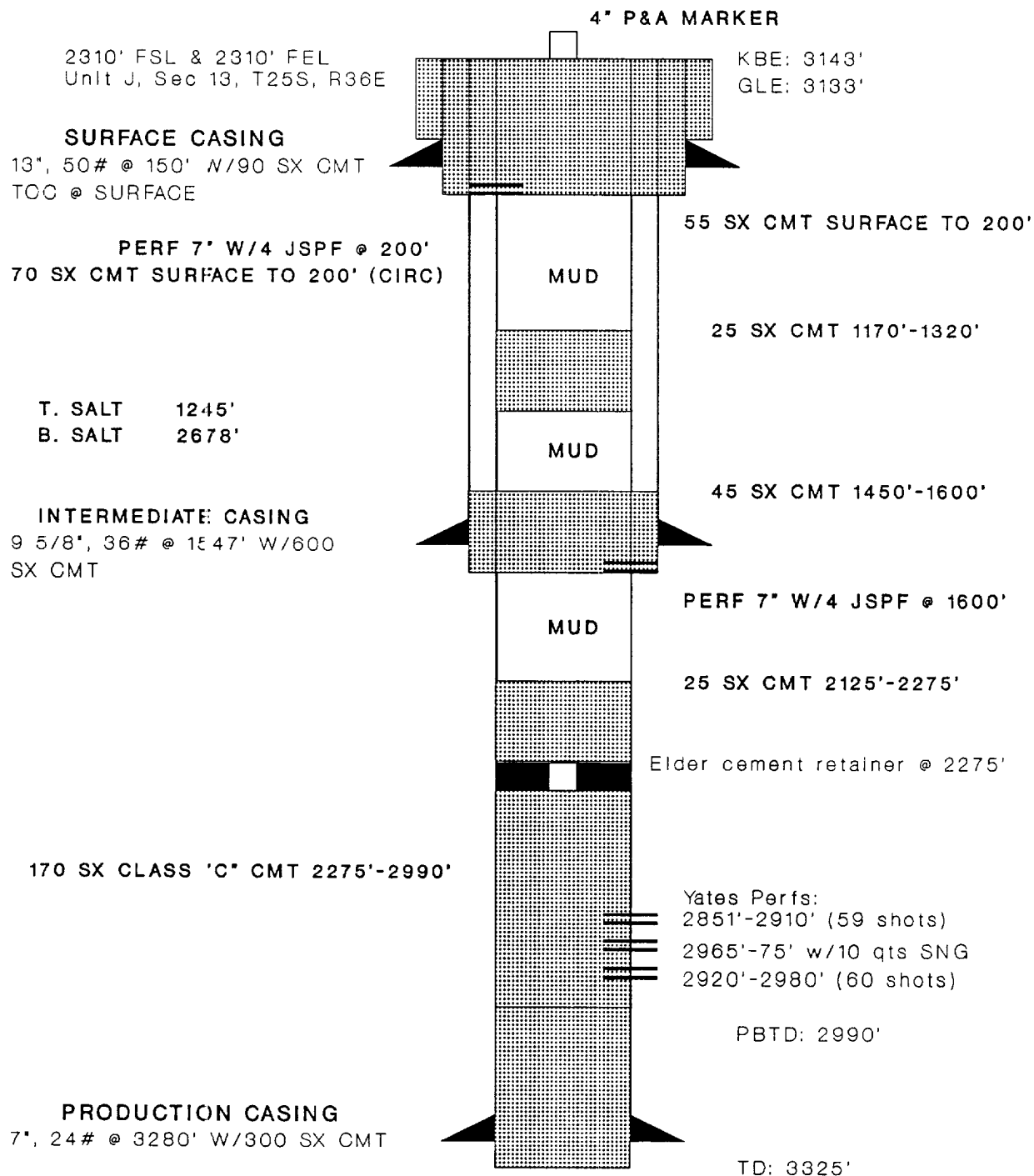
TCA\KSHOL-A#6.PRO

* THE MOST RECENT ACCESSIBLE RECORDS
SOFT (HARD DISK) COPY (REMOVED) MARKED
OF THE STATE BLM H/A FORMS.
THIS MARKING WILL NOT BE CANCELED UNTIL
STEP 6 IS COMPLETED. MINE

P&A WELLBORE DIAGRAM

SHOLES A NO. 6

NEW MEXICO FEDERAL UNIT



BY: T. C. ADUDDLELL

DATE: 1/16/91