

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. LC-032581B
2. Name of Operator Conoco Inc.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 10 Desta Drive, Suite 100W Midland, TX 79705-4500 (915)686-6540	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL & 660' FWL, Sec. 13, T-25S, R-36E Lea Co., NM	8. Well Name and No. Sholes B-13 No. 2
	9. API Well No. 300250976200
	10. Field and Pool, or Exploratory Area Jalmat Yates 7 Rvrs Tansil
	11. County or Parish, State Lea Co., New Mexico

12. CHECK APPROPRIATE BOX(S) 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"/> Subsequent Report  <input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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 B-13 No. 2 according to the attached procedure.

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14. I hereby certify that the foregoing is true and correct		
Signed <u>[Signature]</u>	Title <u>Engineer</u>	Date <u>June 14, 1991</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date <u>7-3-91</u>
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

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SHOLES B-13 NO. 2  
PLUG AND ABANDON

Summary: The following procedure is recommended to permanently plug and abandon Sholes B-13 No. 2.

1. Set CIBP @ 2700.
2. Spot 25 sack cement plug on top of CIBP.
3. Perforate 7" casing @ 1230'. Spot 40 sack cement plug across top of salt and intermediate casing shoe. TAG PLUG.
4. Perforate 7" casing @ 250'. Circulate 70 sacks of cement to set surface plug.

Location: 660' FNL & FWL, Sec. 13, T-25S, R-36E  
Lea County, NM

Elevation: 3130' DF (8' AGL)

Completion: Yates  
TD: 3325' PBTD: 3060'  
Perforations 2769' - 2985'

1.  
2985'

- Notes:
1. All cement slurry used in this procedure shall be Class "C" w/2% CaCl<sub>2</sub> mixed @ 14.8 ppg.
  2. All mud shall be 9.5 ppg with 25 lbs gel/bbl brine.
  3. Notify BLM prior to commencing any work.

Recommended Procedure:

1. Prepare well for P&A:
  - A. MIRU. Bleed well pressure down. Kill well with 9.5 ppg brine if needed.
  - B. ND wellhead and NU BOP.
  - C. RTH w/6-1/8" bit, 7" casing scraper and workstring to 2800'. POOH.
2. Set CIBP:
  - A. GIH w/7" CIBP, setting tool and WS. Set CIBP at 2700'.
  - B. MIRU cement crew. Spot 25 sacks cement from 2700'-2550' and displace with 15 bbls fresh water.
  - C. PU to 2525' and circulate hole with 105 bbls mud.
  - D. POOH with WS.
3. Spot cement plug across top of salt and intermediate casing shoe:
  - A. MIRU wireline services.

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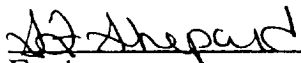
- B. RIH with a 4" casing gun loaded 4 JSPF (120° phase, .4" EHD, centralized) and CCL.
  - C. Perforate 7" production casing @ 1230'. POOH.
  - D. GIH with WS to 1300'. Close BOP. Pump 20 bbls mud to load hole and establish circulation up 9-5/8" x 7" annulus.
  - E. Pump 40 sacks cement to spot cement plug from 1300' to 1150' in and out of 7" casing. Displace cement with 6 bbls mud.
  - F. POOH with WS. WOC. GIH and tag top of cement.
  - G. POOH laying down WS.
5. Circulate cement up intermediate casing and set surface plug:
- A. RIH with a hollow steel carrier with circulation jets loaded 2 JSPF (O° phase, .4" EHD, decentralized) and CCL.
  - B. Perforate 7" production casing @ 250'. 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 110 sacks cement (10 sacks excess) to fill up 8-5/8" x 7" annulus and set surface plug in 7" casing.
- Note: If cement does not circulate to surface, pump 15 sx down 8-5/8" X 7" annulus.
- E. POOH with tubing.
  - F. RD wireline 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 16" 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 B-13 No. 2  
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 P&A schematic to the Midland Office so the proper forms can be filed.

Approved:

  
Engineer


5 June 91  
Date

  
Supervising Production Engineer

6/5/91  
Date

  
Division Engineering Manager

6/11/91  
Date

  
Production Superintendent

6/12/91  
Date

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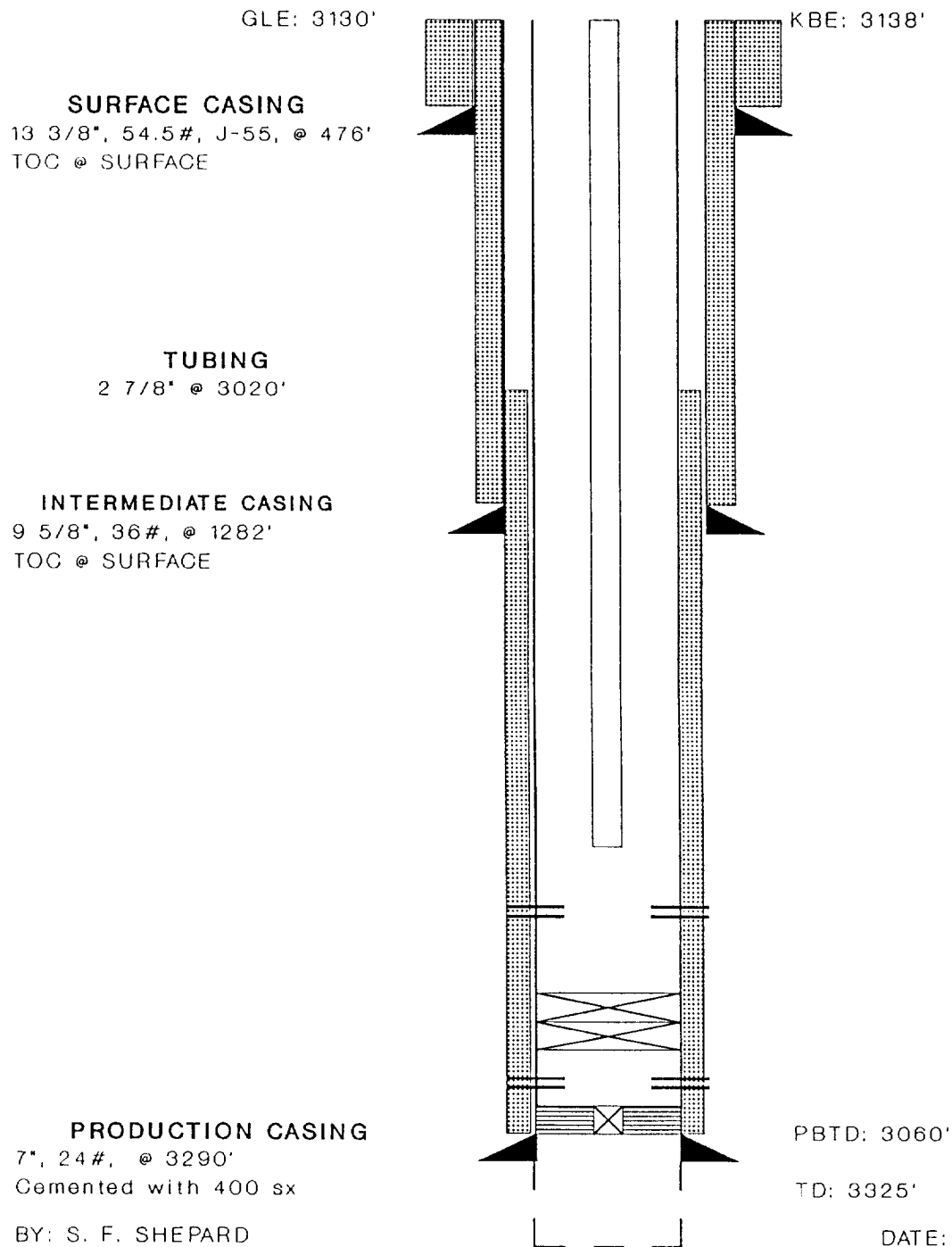
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# WELLBORE DIAGRAM

## SHOLES B-13 NO. 2

### NEW MEXICO FEDERAL UNIT





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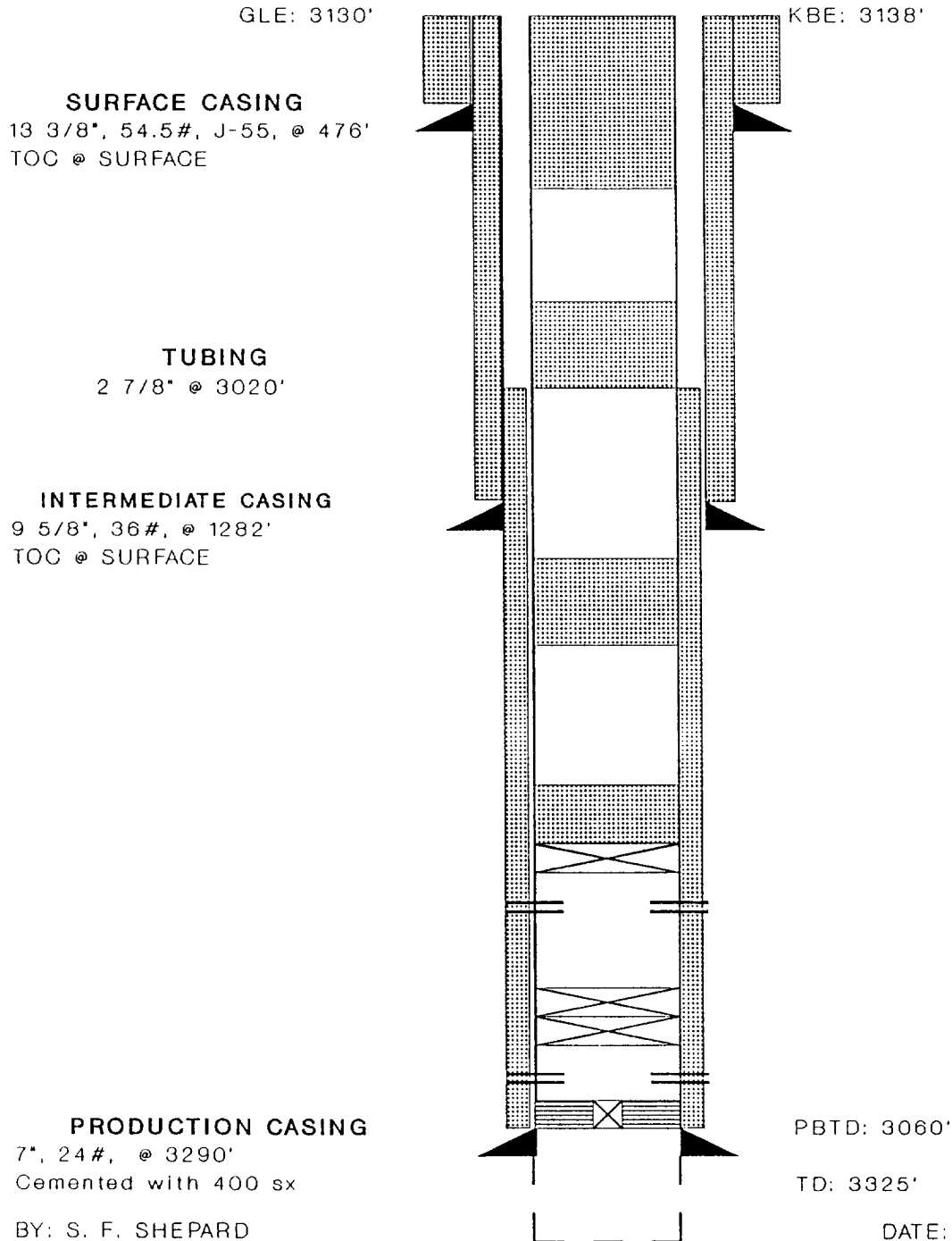
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# WELLBORE DIAGRAM

## SHOLES B-13 NO. 2

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