

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME Br A B
2. NAME OF OPERATOR Conoco Inc.	8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR 10 Dosta Drive West Midland Tx 79705	9. WELL NO. #9
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Unit J 1980' FS2 + 1980' FE2	10. FIELD AND POOL, OR WILDCAT Cass Penn
14. PERMIT NO. 30-025-06108	11. SEC., T., R., M., OR BLK. AND SURVEY OF AREA Sec. 15-20S-37E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3553' GL	12. COUNTY OR PARISH Dea
	13. STATE NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. 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 P/A this well according to the attached procedures.

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JUN 19 11 29 AM '90
CARBON AREA

For further information call Candy Frank 915-686-6540

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

SIGNED

TITLE ADMINISTRATIVE SUPRV.

DATE 6-15-90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE 6-21-90

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ARCO (1) AMOCO (1) CHEVRON (1) F90

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.

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BRITT B NO. 9
PLUG AND ABANDON

Summary: The following procedure is recommended to permanently plug and abandon Britt B No. 9.

1. Spot a 47 sack cement plug on CIBP and across intermediate casing shoe.
2. Spot a 17 sack cement plug across top of salt from 1258-1358'.
3. Perforate @ 370' and circulate 120 sacks cement to surface up 7" x 9-5/8" annulus.
4. Pump 106 sacks down 9-5/8" x 13-3/8" annulus.

Location: 1980' FSL & 1980' FEL, Unit J, Sec. 15, T-20-S, R-37-E
Lea County, NM

Elevation: 3553' DF (10' AGL)

Completion: Strawn
TD: 8536'
Perfs: 7700'-7710'

Casing/Tubing Specifications:

O.D. (in)	Weight (lbs/ft)	Grade	Depth (ft)	Drift (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)	(ft ³ /ft)
13-3/8	48.0	H-40	319	12.559	770	1730	.157	.8817
9-5/8	40.0	J-55		8.679	2570	3950	.0758	.4257
9-5/8	40.0	N-80	3999	8.599	3090	5750	.0758	.4257
9-5/8	36.0	J-55		8.765	2020	3520	.0773	.434
7	23.0	J-55		6.241	3270	4360	.03936	.2210
7	23.0	N-80		6.151	3830	6340	.03936	.2210
7	26.0	N-80	7768	6.151	5410	7240	.03826	.2148
2-7/8	6.5	N-80		2.347	11,160	10,570	.00579	.0325

13-3/8" casing set @ 319' with 300 sx cement circulated to surface.

9-5/8" casing set @ 3999' with 3430 sx cement. TOC @ 1275' by temperature survey.

7" casing set @ 7768' with 675 sx cement. Estimated TOC @ 2547'.

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

- Notes:
1. Cement slurry used in this procedure Class "C" neat mixed @ 14.8 ppg.
 2. All mud shall be 9.5 ppg with 25 lbs gel/bbl brine.
 3. Call Kandy Lawson to notify BLM prior to commencing any work.

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Recommended Procedure:

1. Prepare well for P&A:
 - A. MIRU. Bleed well pressure down. Kill well with 9.5 ppg mud if needed.
 - B. ND wellhead and NU BOP.
2. Spot cement plug on CIBP and across intermediate casing shoe:
 - A. PU and TIH w/2-7/8" WS and tag CIBP @ 4230'. Pull up 2'.
 - B. MIRU cement services. Load and circ. hole with 157 bbls mud.
 - C. Spot cement on CIBP from 3949'-4230': Pump 47 sx Class "C" cement and displace w/23 bbls mud.
 - D. POOH laying down WS to 1358'.
3. Spot cement across salt top from 1258'-1358'.
 - A. Load hole w/mud.
 - B. Pump 17 sx Class "C" cement and displace w/7 bbls mud.
 - C. POOH LD WS.
4. Circulate cement up intermediate casing and set surface plug:
 - A. MIRU wireline services.
 - B. RIH with a 5" casing gun loaded 4 JSPF (120° phase, .4" EHD, centralized) and CCL.
 - C. Perforate 7" production casing @ 370'. POOH.
 - D. GIH w/1 joint 2-7/8" tubing. Close BOP. Pump 14 bbls mud to load hole and establish circulation up 9-5/8" x 7" annulus.
 - E. Pump 120 sx cement (14 sx 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.

 - F. POOH with tubing.
 - G. Pump 106 sx cement down 13-3/8" X 9-5/8" annulus.
 - H. RD wireline and cement services.
5. 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.

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- 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 13-3/8" 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:

Britt B No. 9
Unit J, Sec. 15, T-20S, R-37E
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.
6. Send a copy of the well service report to Kandy Lawson in the Hobbs Office so the proper forms can be filed.

Approved:

Ida Buchanan
Production Specialist

4-17-90
Date

John F. McElroy
Engineer

4/17/90
Date

Paul E. Pites
Supervising Production Engineer

5/22/90
Date

Michael L. Mow
Division Engineering Manager

5-25-90
Date

Cal M. Ryan
Production Superintendent
BRB#9P&A.PRO

5/31/90
Date

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HUMAN RESOURCES OFFICE

Britt B No. 9

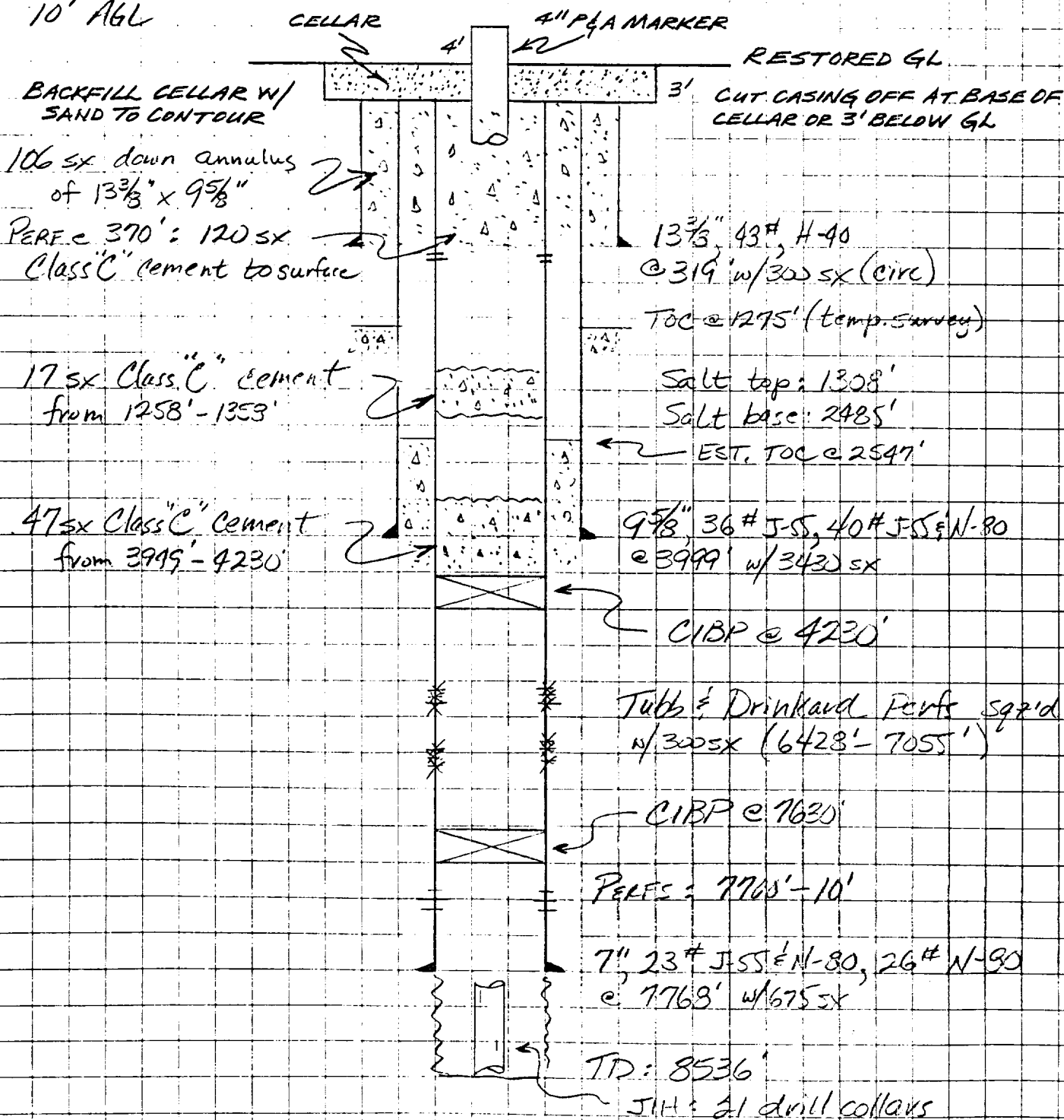
* Proposed P&A *

Unit J Sec. 15, T20S, R37E

1980' FSL & 1980' FEL

Elevation: 3553'

10' AGL



* NOTE: Spoke to Jack Johnson w/ PLM 3/30/90

Conoco Inc.

Calculation Sheet

Job No.

Made By

Checked By

Date

Page

Title

Field

State

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HQS. OFFICE