

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

LEASE DESIGNATION AND SERIAL NO.
LC-C31621B
IF INDIAN, ALLOTTEE OR TRIBE NAME

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 ☒ GAS WELL ☐ OTHER ☐	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR <i>Conoco Inc.</i>	8. FARM OR LEASE NAME <i>SEMLU Tull-</i>
3. ADDRESS OF OPERATOR <i>P.O. Box 2356, Halls NM EE24C</i>	9. WELL NO. <i>#85</i>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <i>Unit H 1650' FNL + 240' FEL</i>	10. FIELD AND POOL, OR WILDCAT <i>Warrant Tull-</i>
14. PERMIT NO. <i>30-025-20655</i>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <i>15-20S 37E</i>
15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH <i>Xca</i>
	13. STATE <i>NM</i>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☒	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) ☐	

(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 PTA this well according to the attached procedure.

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MANAGEMENT

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

SIGNED *[Signature]* TITLE *HA. Tings* DATE *5/24/90*

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE *6-7-90*

CONDITIONS OF APPROVAL, IF ANY:

(6) BLM (1) File

*See Instructions on Reverse Side

SEMU TUBB NO. 85
PLUG AND ABANDON

Location: 1650' FNL & 660' FEL, Unit H, Sec. 15, T-20S, R-37E
Lea County, NM

Elevation: 3566' DF (12' AGL)

Completion: Tubb
TD: 6700' PBD: 6690'
Perfs: 6420', 30', 43', 46', 49', 52', 55', 58', 64',
66', 77', 80', 83', 96', 6501', 11', 28', 32',
45', 48', 51', 57', 66', 71', 74', 81', 90',
93', 6604', 13' w/1 JSPF

Casing/Tubing Specifications:

O.D. (in)	Weight (lbs/ft)	Grade	Depth (ft)	Drift (in)	Collapse (psi)	Burst (psi)	Capacity ³ (bbl/ft)	(ft/ft)
8-5/8"	24.0	J-55	1279	7.972	1,370	2,950	.0637	.3576
5-1/2"	14.0	J-55	4037	4.887	3,120	4,270	.0244	.1370
5-1/2"	15.50	J-55	6530	4.825	4,040	4,810	.0238	.1336
2-7/8"	6.5	N-80		2.347	11,160	10,570	.00579	.03250

8-5/8" casing set @ 1279' with 460 sx cement circulated to surface.
5-1/2" casing set @ 6700' with 700 sx cement. TOC @ 2600' by
temperature survey.
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 shall be Class "H" neat
mixed @ 15.7 ppg and 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.

Recommended Procedure:

1. Prepare well for P&A:

- MIRU. Bleed well pressure down. Kill well with 9.5 ppg mud if
needed.
- POOH w/rods and pump.
- ND wellhead and NU BOP.
- Release tubing anchor. POOH w/2-3/8" tubing.
- PU and TIH w/4-3/4" bit, 5-1/2" casing scraper, and 2-7/8"
workstring to 6420'. POOH.

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2. Set CIBP and spot cement plug:
 - A. GIH w/5-1/2" CIBP, setting tool, and 2-7/8" WS. Set CIBP @ 6370'. Release setting tool and pull up 2'.
 - B. MIRU cement services. Load and circulate hole with 145 bbls mud.
 - C. Spot cement on CIBP from 6267' to 6370': Pump 12 sx Class "H" cement and displace with 36 bbls mud.
 - D. POOH laying down WS to 2527'.
3. Spot cement across base of salt from 2421' to 2527':
 - A. Load hole with 8 bbls mud.
 - B. Pump 11 sx of Class "C" cement and displace with 14 bbls mud.
 - C. POOH laying down WS to 1435'.
4. Spot cement across top of salt and surface casing shoe from 1223' to 1435':
 - A. Load hole with 3 bbls mud.
 - B. Pump 22 sx of Class "C" cement and displace with 7 bbls mud.
 - C. POOH laying down WS to 241'.
5. Set surface plug:
 - A. Load hole w/3 bbls mud.
 - B. Pump 25 sx of Class "C" cmt and circ to surface.
 - C. POOH laying down WS.
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 8-5/8" 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.

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

SEMU No. 85
Unit H, Sec. 15, T20S, R37E
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 pumping equipment, concrete bases, electrical equipment, 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 to Kandy Lawson in the Hobbs Office so the proper forms can be filed.

Approved:

Jim Buchanan
Production Specialist

4-16-90
Date

John Maffey
Engineer

4/16/90
Date

Bill E. Bates
Supervising Production Engineer

5/14/90
Date

Michael L. Morrison
Division Engineering Manager

5/16/90
Date

Frank Batton
Production Superintendent

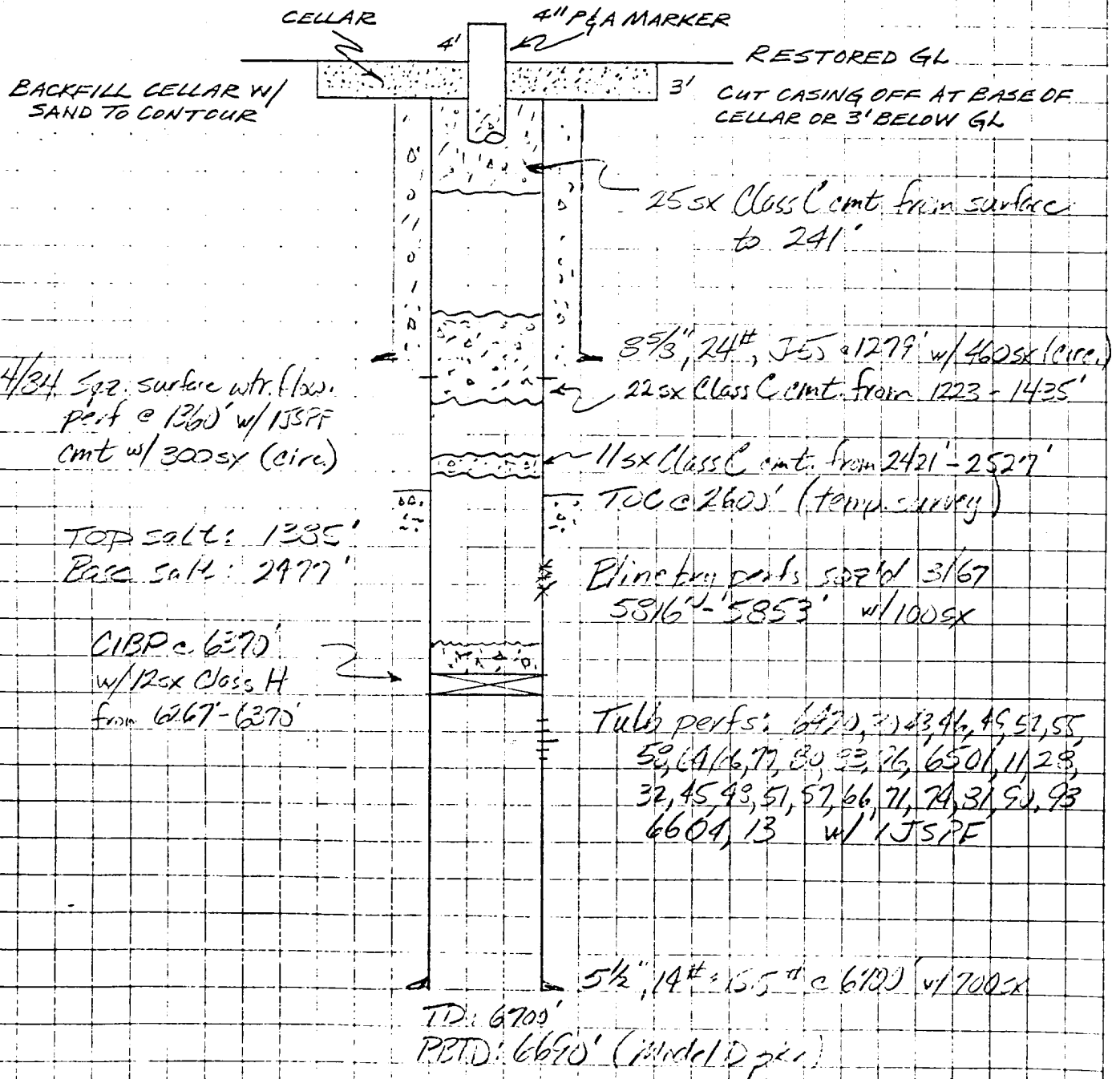
5/18/90
Date

TCA:mjm
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SEMI # 35

1650' FNL = 660' FEL
Unit H Sec. 15 T20S R37E

ELEVATION: 3566'
12' HGL



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