

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instruction, see reverse side)

Form approved.
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"/>	5. LEASE DESIGNATION AND SERIAL NO. NM-8626648
2. NAME OF OPERATOR Conoco Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 10 Dosta Drive West Midland Tx 79705	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Unit C 660' FWL & 1980' FWL	8. FARM OR LEASE NAME Lockhart A-30
	9. WELL NO. #8
	10. FIELD AND POOL, OR WILDCAT Elmout Yates 7 Rurs. Queen
	11. SEC., T., S., E., OR BLK. AND SURVEY OR AREA Sec. 30-T21S-R36E
14. PERMIT NO. 30-025-04839	12. COUNTY OR PARISH Lea
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3659' DF	13. STATE NM

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(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 plug and abandon this well according to the attached procedure.

RECEIVED
JUL 24 11 47 AM '90
CATTLE
AREA
BLM

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

SIGNED [Signature]

TITLE Administrative Supervisor

DATE 7/20/90

(This space for Federal or State office use)

APPROVED BY [Signature]

TITLE [Signature]

DATE 7-30-90

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

BLM(6) FILE(1) AMOCO(1) ARCO(1) CHEVRON(1)

2. Set CIBP and spot cement plug:
 - A. GIH w/5-1/2" CIBP, setting tool, and WS. Set CIBP @ 3770'. Release setting tool and PU 2'.
 - B. MIRU cement services. Load and circ. hole with 84 bbls mud.
 - C. Spot 10 sx cement plug from 3674'-3770' and displace with 21 bbls mud.
 - D. POOH laying down WS to 1720'.
 3. Spot cement across top of salt and surface casing shoe:
 - A. Load hole w/mud.
 - B. Spot 23 sx cement plug from 1498'-1720' and displace with 8 bbls mud.
 - C. POOH laying down WS.
 4. Circulate cement up surface casing and set surface plug:
 - A. MIRU wireline services.
 - B. RIH with a 4" casing gun loaded 4 JSPF (120" phase, .4" EHD, centralized) and CCL.
 - C. Perforate 5-1/2" production casing @ 250'. POOH.
 - D. GIH w/1 joint 2-7/8" tubing. Close BOP. Pump 13 bbls mud to load hole and establish circulation up 8-5/8" x 5-1/2" annulus.
 - E. Pump 70 sx cement (8 sx excess) to fill up 8-5/8" x 5-1/2" annulus and set surface plug in 5-1/2" casing.
- Note: If cement does not circulate to surface, pump 25 sx down 8-5/8" x 5-1/2" annulus.
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.
 - 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.

Summary: The following procedure is recommended to permanently plug and abandon Lockhart A-30 No. 8:

1. Set CIBP at 3770' and spot 10 sack cement plug on top.
 2. Spot 23 sack cement plug across top of salt and surface casing shoe.
 3. Perforate at 250' and circulate 70 sacks cement to set surface plug.
- Location: 660' FNL & 1980' FML, Sec. 30, T-21-S, R-36-E
Lea County, NM

Elevation: 3659' DF (10' AGL)

Completion:

Eumont Yates Seven Rivers Queen
TD: 3950' PBTD: 3900'
Perfs: 3827'-3855' w/4 JSPF
3876'-3896' w/4 JSPF

Casing/Tubing Specifications:

O.D. (in)	Weight (lbs/ft)	Grade	Depth (ft)	Drift (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)	(ft ³ /ft)
8-5/8	24.0	J-55	1555	7.972	1,370	2,950	.0636	-.3575
5-1/2	14.0	J-55	3949	4.887	3,120	4,270	-.0244	-.1370
2-7/8	6.5	N-80		2.347	11,160	10,570	.00579	.0325

8-5/8" casing set @ 1555' with 700 sx cement circulated to surface.
5-1/2" casing set @ 3949' with 1250 sx cement. TOC @ 1550' by temperature survey.

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

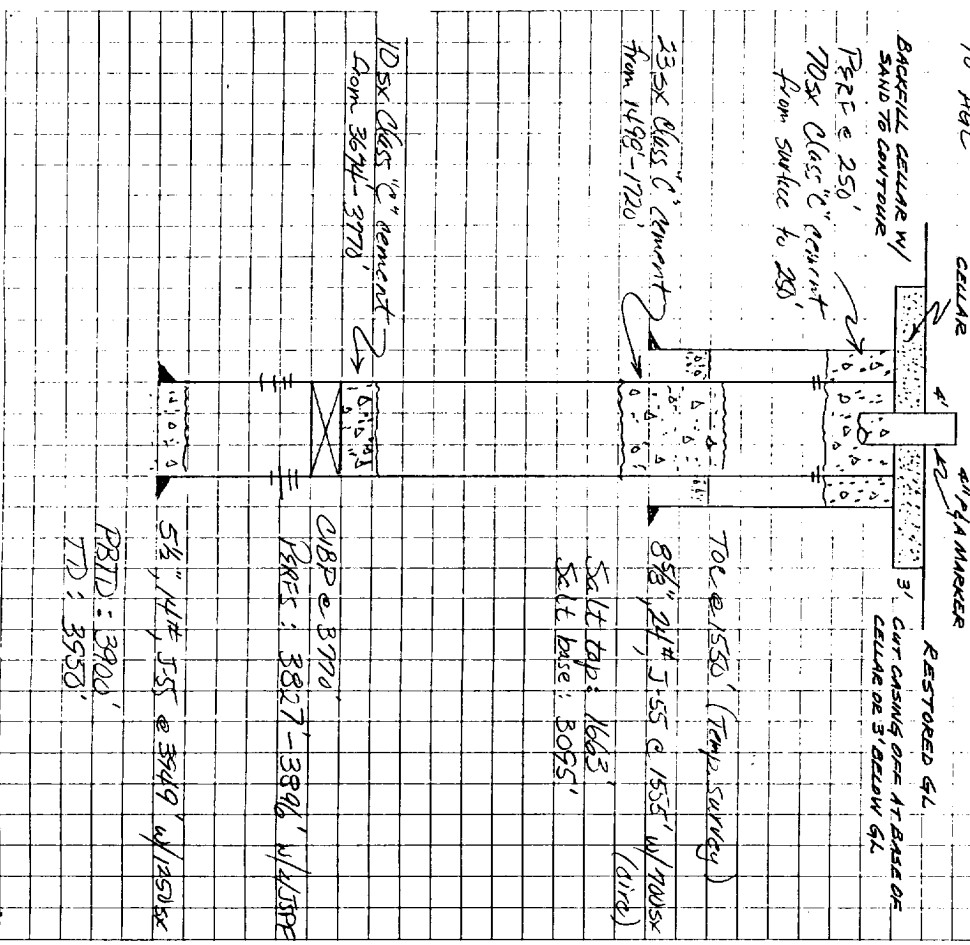
- Notes:
1. Cement slurry used in this procedure Class "C" neat mixed @ 14.8 ppg.
 2. All mud shall be 9.5 ppg with 25 lbs gel/bbl brine.
 3. Notify BLM prior to commencing any work.

Recommended Procedure:

1. Prepare well for P&A:

- A. MIRU. Bleed well pressure down. Kill well with 9.5 ppg mud if needed.
- B. ND wellhead and NU BOP.
- C. PU and TIH w/4-3/4" bit, 5-1/2" casing scraper, and WS to 3800'. POOH.

660' FNL & H90' FNL
 Unit C, Sec. 30, T-21S, R-36E
 Elevation: 3659' DE
 10' AGL
 Lockhart A-30 No. 8
 * Proposed DIA*



Lockhart A-30 No. 8
 Plug and Abandon
 Page 3

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:

Lockhart A-30 No. 8
 Unit C, Sec. 30, T-21S, 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.

6. Send a copy of the well service report to the Division Office so the proper forms can be filed.

Approved:

Lee Buckner
 Production Specialist
 Date 5-23-90

Steve Miller
 Engineer
 Date 5-25-90

Mike Felt
 Supervising Production Engineer
 Date 6-27-90

Steve Miller
 Division Engineering Manager
 Date 7/6/90

Steve Miller
 Production Superintendent
 Date 7/11/90

STB:dw
 LHRTA-30#8.PRO