Form 3160-5 (November 1983) (Formerly 9-331) BUREAU OF LAND MANA	NTERIOR (Other institution in the	Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO 20-031621B
SUNDRY NOTICES AND REPO (Do not use this form for proposals to drill or to deepen Use "APPLICATION FOR PERMIT_"	ORTS ON WELLS a or plug back to a different reservoir. for such proposais.)	6. IF INDIAN, ALLOTTEE OF TRIBE NAME 7. UNIT AGREEMENT NAME
I. OIL GAS OTHER		Brith B 8. FARM OR LEAGE NAME
3. ADDREAS OF OPERATOR 10 Date Drive West M 4. LOCATION OF WELL (Report location clearly and in accordance See also space 17 below.) At surface UNIT F M50' FN'	idland TX 19705 with any State requirements.*	9. WELL NO. 46 10. FIELD AND POOL, OE WILDCAT EUNICO - MONUMONT (G-St 11. BEC., T., B., M., OB BLE. AND BURYBY OB ABBA
30-025-06105 3551	whether DP, RT, GR, etc.) H'GL	$\frac{DR. D - 200 - 57E}{12 \text{ COUNTY OR PARIBE } 13. STATE}$
	ndicate Nature of Notice, Report, or C	Uther Data
NOTICE OF INTENTION TO: TEST WATER SHUT-OFF PULL OR ALTER CASING PRACTURE TREAT SHOOT OB ACIDIZE ABANDON" REPAIR WELL CHANGE PLANS (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state proposed work. If well is directionally drilled, give sub	all pertinent details, and give pertinent dates surface locations and measured and true vertine	
nent to this work.). We propose to Pth attached procedure.	A this well accord	ing to the
		JUN 19 11 -9
		<b>06.</b> WT
For further information of 18. I hereby certify that the foregoing is true and correct	all Condy Fronst TITLE ADMINISTRATIVE SUPA	915-686-6540 RV. DATE 6-15-90
SIGNED		
(This space for Federal or State office use) Orig Signer by Advan Solarsen APPROVED BY CONDITIONS OF APPROVAL, IF ANY :	हे. १९९२ - २९४४ <u>(</u> २२७४) हे १८४ TITLE	DATE 6 21-90

\*See Instructions on Revene Side ARCO () AMOCO () CHEURON () File 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 faise, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



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## BRITT B NO. 6

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## Plug and Abandon

Summary:

The following procedure is recommended to permanently plug and abandon Britt B No. 6:

- 1. Spot a 10 sack cement plug on top of CIBP at 2750'.
- 2. Spot a 17 sack cement plug across top of salt and intermediate casing shoe from 1184'-1356'.
- 3. Spot a 25 sack cement plug from 253' surface.

<u>Location</u> :	1950' FNL & 1530' FWL, Unit F, Sec. 15, T20S, R37E Lea County, NM		
Elevation:	3554' DF (10' AGL)		
<u>Completion</u> :	Yates Seven Rivers and Penrose TD: 3915' PBTD: 3750'		

Perfs: 2622'-2767'

3508'-3630'

Casing/Tubing Specifications:

0.D. (in.)	Weight Grade (lbs/ft)	Grade	Depth (ft)	Drift (in)	Collaps e (psi)	Burst (psi)	Capa (bb1/ (ft3	
10-3/4"	32.75	H-40	262	10.036	880	1,820	.1009	.5665
7-5/8"	26.4	J-55	1237′	6.844	2,890	4,140	.0472	.2643
5-1/2"	17.0	J-55	3787 <i>′</i>	4.767	4,910	5,320	.0232	.1305
2-7/8"	6.5	N-80		2.347	11,160	10,570	.00579	.03250

10-3/4" casing set at 262' with 285 sx cement circulated to surface. 7-5/8" casing set at 1237' with 425 sx cement. (Est. at surface). 5-1/2" casing set at 3787' with 425 sx cement. TOC at 2360' by temperature survey.

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

<u>Notes</u>: 1. Cement slurry used in this procedure shall be Class "C" neat mixed at 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.



Britt B No. 6 Plug and Abandon Page 2

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/2-7/8" workstring to tag CIBP at 2750'. PU 2'.
- 2. Spot cement plug on CIBP:
  - A. MIRU cement services. Load and circulate hole with 58 bbls mud.
  - B. Spot cement on CIBP from 2649' to 2750': Pump 10 sx Class "C"
  - cement and displace with 15 bbls mud.
  - C. POOH laying down WS to 1356'.
- 3. Spot cement across top of salt and intermediate casing shoe from 1184' to 1356'.
  - A. Load hole with mud.
  - B. Pump 17 sx of Class "C" cement and displace with 7 BBL mud.
  - C. POOH laying down WS to 253'.
- 4. Spot surface plug:
  - A. Load hole with mud.
  - B. Pump 25 sx class "C" cement.
  - C. POOH LD WS.
- 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 10-3/4" casing and at least 4" thick.
    D. Erect an abandonment marker according to the following
  - 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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Britt B No. 6 Plug and Abandon Page 3

- 2. Marker must be capped and inscribed with the following well information: Britt B No. 6 Unit F, Sec. 15, T2OS, R37E Lea County, NM Date
  - Note: 1/4" metal place 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:

<u>Production Specialist</u>

Supervising Production Engineer

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Division Engineering Manager

Production Superintendent

STB:dw BRITTB-6.PRO

Date

-90 LI - 3J Date

5.25.20

Date Date



+ Proposed P& A + Britt B No. 6 1980' FNL \$ 1530' FWL Unit F, Sec. 15 T205 R37E Elevation: 3554 DF - 10' AGL 4"PEA MARKER CELLAR RESTORED GL CUT CASING OFF AT BASE OF BACKFILL CELLAR W/ CELLAR OR 3'BELOW GL SAND TO CONTOUR 25 5x Class"C" Cement " 10/4" 32.75" e 262' w/ 2255x (circ) from 253 - surface -758" 26,44 c/237' w/425 5x (Est esurface) 143 5x Hetaeen int. = prod esg. (Est. to 1889') MEX Classe" Convert Salt top: 1306' from 1184-1352 TOC = 2360' (temp survey) 0. . O. X. Salt base: 2470 10 5x Class C comment ` 0 6 from 2649- 2750 CIBR @ 2750' PERFS: 2622'-2767' (lates 7R) 3503' - 3630' (PENROSE) PERFS! - CIBPC- 3750 51/2", 17# c 3787' W/4255 PERFS 3323-3377 REAT: 2391-3915' 502 w/ 1054 4"4.35# secura llou Linear W/60sk 2155 Conoco Inc. **Calculation Sheet** Jop No. 💷 💷 Made By Checked By Field Title Date

State \_\_\_\_

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