Form 3160-5 November 1983) Formerly 9-331)

## UNIT STATES SUBMIT IN TRIPLIC. DEPARTMENT OF THE INTERIOR Verse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

<u>LC</u> 032233 (a)

BUREAU OF LAND MANAGEMENT

	(Do not use this form for proposals to drill or to deepen or pi Use "APPLICATION FOR PERMIT—" for au	ting back to a different reservoir.			
1.	OIL CAB OTHER	N. M. OIL CONS. COMMISSION	7. UNIT AGREEMENT NAME NORTH HOBBS (G/SA) UNIT		
2.	NAME OF OPERATOR	P. O. BOX 1980	8. FARM OR LEASE NAME		
	SHELL WESTERN E&P INC.	HORRS, NEW MEXICO 8824	SECTION 30		
3.	ADDRESS OF OPERATOR		9. WELL NO.		
	P. O. BOX 991, HOUSTON, TEXAS 77001		342		
4.	LOCATION OF WELL (Report location clearly and in accordance with See also space 17 below.)	10. FIELD AND POOL, OR WILDCAT			
	440' FSL & 330' FFEL		HOBBS (G/SA)		
	2310		11. SEC., T., B., M., OR RLK, AND SURVEY OR ARKA		
			SEC. 30, T-18-S, R-38-E		
14.	PERMIT NO. 15. ELEVATIONS (Show whether	15. ELEVATIONS (Show whether DF, RT, GR, etc.)			
	NA 3654' DF		LEA NM		
16.	Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data				

NOTICE OF INTENTION TO: SUBSEQUENT EXPORT OF :

		1		-		
TEST WATER SHUT-OFF	PULL OR ALTER CASING		WATER SHUT-OFF	X	REPAIRING WELL	
FRACTURE TREAT	MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CABING	
SHOOT OF ACIDIZE	ABANDON*		SECOTING OR ACIDIZING		ABANDONMENT®	
REPAIR WELL	CHANGE PLANS		(Other)	<del></del>		igsqcup
(Other)			(NOTE: Report res Completion or Reco	ults of multiple supletion Report	completion on Well t and Log form.)	1

- 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.)
- 3-07-85: Pulled production equipment. Tagged bottom @ 4126'. Cleaned out to 3925'.
- 3-08-85: Set a 7" pkr @ 3892'. Pressure tested csg to 500 psi, held OK. Set a 7" CICR @ 3892'. Held backside pressure @ 500 psi while squeezing open hole 3974' to 4123' w/1500 gals flocheck & 75 sx of Class "C" cmt + 2% CaCl2. Reversed out 10 sx excess cmt out tbg. Squeezed 65 sx cmt below CICR @ 3892'. WOC 24+ hrs.
- 3-12 to 3-16-85: Tagged TOC above CICR @ 3882'. Drilled hard cmt 3882' to 3892' and drilled out CICR @ 3892'. Drilled out cmt 3892' to 3977'. Pressure tested csq shoe @ 3974' and 7" csg to 500 psi, held OK. Drilled out cmt 3977' to 4130'. Circ'd hole clean. Pressure tested open hole squeeze to 500 psi, held OK. Tagged top of hydromite plug @ 4140'. Drilled out hydromite plug 4140' to 4150'. Drilled out cmt 4150' to 4182'. Drilled out hard, packed sand 4182' to 4267'. Circ'd hole clean.
- 3-19-85: Spotted 250 gals of 15% HCl-NEA from 4266' to 4066'. Installed production equipment and returned well to production.

15. I nereby certify that the foregoing is true and corre	et	
SIGNE Surtes For. A. J. FOR	E TITLE SUPERVISOR REG. & PERMITS	DATE APRIL 23, 1985
(This space for Federal or State office use)  APPROVED BACCEPTED FOR RECORD CONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

APR 2 9 1985

\*See Instructions on Reverse Side

RECEIVED
1 1985
HORES OF HOE

0+95+++0+9+4++1

• ,

 $\boldsymbol{\zeta} = c_{(g, g)} \cdot (1 + (g + (\zeta_{g} + (\gamma_{g}))))$