

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL GAS WELL OTHER: OBSERVATION WELL

2. Name of Operator
SHELL WESTERN E&P INC.

3. Address of Operator
P. O. BOX 991, HOUSTON, TEXAS 77001

4. Location of Well
UNIT LETTER L, 2310 FEET FROM THE SOUTH LINE AND 330 FEET FROM
THE WEST LINE, SECTION 18 TOWNSHIP 18-S RANGE 38-E NMPM.

7. Unit Agreement Name
N. HOBBS (G/SA) UNIT

8. Farm or Lease Name
SECTION 13

9. Well No.
131

10. Field and Pool, or Wildcat
HOBBS (G/SA)

15. Elevation (Show whether DF, RT, GR, etc.)
3676' DF

12. County
LEA

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <u>RECOMPLETE TO THE BASE OF THE SALT</u> <input checked="" type="checkbox"/>
			<u>FOR AN OBSERVATION WELL.</u>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

6-05-84: Cleaned out to 4000'. Set a 7" Baker Lock-Set RBP @ 4000' and pressure tested 7" casing and RBP to 500 psi. Held OK.

6-06-84: Ran a CBL/VDL/CCL log from 3986' to surface. Retrieved RBP. Set 7" CICR @ 3720'.

6-07-84: Pumped 60 sx Class "C" cmt plug from 4046' to 3720' (to abandon Grayburg). Pumped 40 sx Class "C" cmt plug from 3455' to 3420'.

6-08 to 6-13-84: Ran free point in 7" casing. Shot off 7" casing @ 2678'. Pulled and laid down 86 jts 7" casing (2675').

6-14-84: Set a 9-5/8" Arrow tension type packer @ 2637'. Could not pump thru tubing into formation around 7" casing. Held 800 psi for 1 hr w/ very slight bleed off back to 750 psi.

6-15-84: Ran a CBL/CCL/VDL/GR log from 2650' to surface. Ran 2-3/8" tubing to 2725'. Spot 35 sx Class "C" cmt + 2% CaCl2. Recovered 5 sx cmt. Perforated 9-5/8" casing @ top of Salt @ 1640'. Set packer @ 1580'. Loaded casing w/ produced water & pressured to 500 psi.

(CONTINUED ON REVERSE SIDE)

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED A. J. FORE TITLE SUPERVISOR REG. & PERMITTING DATE OCTOBER 9, 1984

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OCT 15 1984

- 6-15-84: Load tubing and pumped into formation @ 1640', 1/2 BPM @ 900 psi, 20 bbls.
- 6-16-84: Set a 9-5/8" Baker full bore retrievable packer @ 1350'. Pressure tested 9-5/8" casing to 500 psi. Pumped 100 sx Class "C" cmt + 2% CaCl₂ & displaced w/ fresh water to 1500'.
- 6-17 to 6-18-84: Ran 1-3/8" OD temperature survey which indicated TOC @ 1486'. Rec'd next step instructions from NMOCD.
- 6-19-84: Perforated 9-5/8" casing @ 790'. Pumped 350 sx 50-50 Pozmix + 2% CaCl₂. Circulated cmt to surface. Displaced cmt w/ 11 barrels fresh water to 650'.
- 6-20 to 6-22-84: Drilled out cmt plug 650' - 800'. Pressure tested 9-5/8" casing and squeezed hole @ 790' to 500 psi. Held OK. Tagged 2nd cement plug @ 1502'. Drilled out plug 1502' - 2672'. Cleaned out hole. Tagged PBD @ 2672'. Perforated Salt section @ 1700' - 2570' (30 holes). Well completed for observation.

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OCT 12 1984