

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-75

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. B-9745	

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.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐		7. Unit Agreement Name
Name of Operator SHELL WESTERN E&P INC.		8. Farm or Lease Name STATE SECTION 2
Address of Operator P.O. BOX 576, HOUSTON, TEXAS 77001 (WCK 4435)		9. Well No. 5
Location of Well UNIT LETTER <u>T</u> <u>1880</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>560</u> FEET FROM THE <u>WEST</u> LINE, SECTION <u>2</u> TOWNSHIP <u>21-S</u> RANGE <u>37-E</u> N.M.P.M.		10. Field and Pool, or Whichever WANTZ ABO
15. Elevation (Show whether DF, RT, GR, etc.) 3483' DF		12. County LEA

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data.
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPER. ☐	PLUG AND ABANDONMENT ☐
LL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER ☒ TEMPORARILY ABANDONED

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.

8-20 to 8-21-86: Pulled production equipment. Ran gauge ring & junk basket to 7000'. Set CIBP @ 6900' & capped w/35' cmt. Circ'd inhibited wtr & pres tstd csg to 300#, held OK. Well is now temporarily abandoned.

244 9-26-87

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

A. J. FORE TITLE SUPERVISOR REG. & PERMITTING DATE SEPTEMBER 22, 1986
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR
DATE SEP 26 1986

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____ 7795'	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____ 7945'	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____ 7951'	T. Todilto _____	T. _____
T. Drinkard _____ 6581'	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo (PAY) _____ 7028'	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet	_____
No. 2, from _____ to _____ feet	_____
No. 3, from _____ to _____ feet	_____
No. 4, from _____ to _____ feet	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	3062	3062	RED BEDS, ANHYDRITE, SALT				
3062	7454	4392	DOLOMITE				
7454	7956	502	DOLOMITE, LIMESTONE, SAND, SHALE, GRANITE				

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SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-75

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5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-9745

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.)

CIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
Name of Operator SHELL WESTERN E&P INC.	8. Farm or Lease Name STATE SECTION 2
Address of Operator P.O. BOX 576, HOUSTON, TEXAS 77001 (WCK 4435)	9. Well No. 5
Location of Well UNIT LETTER T 1880 FEET FROM THE SOUTH LINE AND 560 FEET FROM THE WEST LINE, SECTION 2 TOWNSHIP 21-S RANGE 37-E N.M.P.M.	10. Field and Pool, or Wildcat WANTZ ABO
11. Elevation (Show whether DF, RT, GR, etc.) 3483' DF	12. County LEA

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data.
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

INFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☒	CHANGE PLANS ☐	COMMENCE DRILLING OPER. ☐	PLUG AND ABANDONMENT ☐
ILL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	OTHER ☐

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.

1. Pull production equipment.
2. Set CIBP @ ±6900'. Cap w/35' cmt.
3. Circ inhibited wtr, pres tst csg to 300# and temporarily abandon well.

8/22/87

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

By A. J. FORE TITLE SUPERVISOR REG. & PERMITTING DATE AUGUST 19, 1986
Orig. Signed by Paul Kautz Geologist
DATE AUG 22 1986

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HOBBS OFFICE

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SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-77

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
B-9745	

SUNDREY 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		7. Unit Agreement Name
2. Name of Operator SHELL WESTERN E&P INC.		8. Field or Lease Name STATE SECTION 2
3. Address of Operator P.O. BOX 576, HOUSTON, TEXAS 77001 (WCK 4435)		9. Well No. 5
4. Location of Well UNIT LETTER <u>T</u> <u>1880</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>560</u> FEET FROM THE <u>WEST</u> LINE, SECTION <u>2</u> TOWNSHIP <u>21-S</u> RANGE <u>37-E</u> N.M.P.M.		10. Field and Pool, or Whose HARE SIMPSON
11. Elevation (Show whether DF, RT, GR, etc.) 3483' DF		12. County LEA

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data.
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPER. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	
		OTHER <u>PLUGGED BACK HARE SIMPSON & RECOMPLETED TO WANTZ ABO</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.

- 4-28-86: Pulled production equipment.
- 4-29-86: Set cmt retainer @ 7475'. Sqzd Hare Simpson perms 7534' - 7759' w/100 sx Class "C" cmt + .3% Halad-9 followed by 100 sx Class "C" cmt. Spotted 250 gals 15% HCl-NEA from 7250' back to 7000'. Perf'd Wantz Abo 7097' - 7243' (144 holes, 4 JSPF).
- 4-30-86: Acd perms 7097' - 7243' w/6000 gals 20% HCl-NEA + 1000# rock salt.
- 5-01-86: Installed production equipment and returned well to production.
- 5-19-86: Pulled production equipment.
- 5-20-86: Acd perms 7097' - 7243' w/3000 gals 20% HCl-NEA + 600# rock salt.
- 5-21-86: Installed production equipment and returned well to production.
- 5-31-86: In 24 hrs, pmpd 0 BO. Gas rate TSTM.

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

SIGNED J. Curtis for A. J. FORE TITLE SUPERVISOR REG. & PERMITTING DATE JULY 17, 1986

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE JUL 23 1986

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5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
B-9745

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work Drill ☐ Deepen ☐ Plug Back ☒				7. Unit Agreement Name	
b. Type of Well Oil Well ☒ Gas Well ☐ Other ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐				8. Farm or Lease Name STATE SECTION 2	
2. Name of Operator SHELL WESTERN E&P INC.				9. Well No. 5	
3. Address of Operator P. O. BOX 576, HOUSTON, TEXAS 77001 (WCK 4435)				10. Field and Pool, or Wildcat WANTZ ABO	
4. Location of Well UNIT LETTER T LOCATED 1880 FEET FROM THE SOUTH LINE AND 560 FEET FROM THE WEST LINE OF SEC. 2 TWP. 21-S RGE. 37-E NMPM				12. County LEA	
19. Proposed Depth 7956' (TD)		19A. Formation WANTZ ABO		20. Retary or C.T. -----	
21. Elevations (Show whether DF, KT, etc.) 3483' DF		21A. Kind & Status Plug. Bond BLANKET		22. Approx. Date Work will start UPON APPROVAL	

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/4"	13-3/8"	32.4#	224'	250 SX	SURFACE
11"	8-5/8"	32#	3142'	2000 SX	SURFACE
7-7/8"	5-1/2"	17#	7810'	500 SX	4550'

WE PROPOSE TO PLUG BACK THE HARE SIMPSON & RECOMPLETE THIS WELL TO THE WANTZ ABO.

1. Pull production equipment.
2. Set cmt retainer @ ±7500'.
3. Saz Hare Simpson perfs 7534' - 7759' w/100 sx Class "C" cmt + .3% Halad-9 followed by 100 sx Class "C" cmt + 2% CaCl₂. Spot 50' plug on top of cmt retainer. WOC 24 hrs.
4. Pres tst csg to 1000#.
5. Spot 150 gals 15% HCl from 7095' to 7245'.
6. Perf Wantz Abo 7097' - 7243' (144 holes, 4 JSPF).
7. Acidize perfs 7097' - 7243' w/6000 gals 15% HCl-NEA + 30% CO₂ + 1000# rock salt.
8. Install production equipment and return well to production

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signature A. J. FORE Title SUPERVISOR REG. & PERMITTING Date APRIL 30, 1986

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

DISTRICT 1 SUPERVISOR

APPROVED BY _____ TITLE _____ DATE MAY 5 - 1986

CONDITIONS OF APPROVAL, IF ANY:

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MAY 2 1986
FBI
HONOLULU