

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-

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 RE-DRILL OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL (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. Fee or Lease Name STATE SECTION 2
3. Address of Operator P. O. BOX 576, HOUSTON, TEXAS 77001 (WCK 4435)	9. Well No. 7
4. Location of Well UNIT LETTER <u>V</u> <u>660</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>1980</u> FEET FROM THE <u>WEST</u> LINE, SECTION <u>2</u> TOWNSHIP <u>21S</u> RANGE <u>37E</u> NEPM.	10. Field and Pool, or Wharf WANTZ ABO
11. Elevation (Show whether DF, RT, GR, etc.) 3473' 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 ☐	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 ☐	ACID FRAC'D ☐

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.

10-01-86: Pulled production equipment.

10-02-86: Set RBP @ 7150'. Ran temp base log from 6700' to 7150'. Acid frac'd Wantz Abo 7014' - 7123' w/30,000 gals 28% HCl + 15,000 gals viscous fluid w/1/2 ppg 100 mesh sand + 17,500 gals non-viscous fluid w/1 ppg 100 mesh sand + 10,000 gals non-viscous gelled 10# brine water. Ran temp survey 6900' - 7150'.

10-03-86: Installed production equipment and returned well to production.

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

SIGNED Eddie Seay A. J. FORE TITLE SUPERVISOR REG. & PERMITTING DATE NOVEMBER 14, 1986

ORIGINAL SIGNED BY EDDIE SEAY

APPROVED BY _____ TITLE _____ DATE DEC 24 1986

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 10-1-78

3a. 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 ☒ GAS ☐ OTHER ☐ WELL	7. Unit Agreement Name
2. Name of Operator SHELL WESTERN E&P INC.	8. Farm or Lease Name STATE SECTION 2
3. Address of Operator P. O. BOX 576, HOUSTON, TEXAS 77001 (WCK 4435)	9. Well No. 7
4. Location of Well UNIT LETTER <u>V</u> <u>660</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>1980</u> FEET FROM THE <u>WEST</u> LINE, SECTION <u>2</u> TOWNSHIP <u>21S</u> RANGE <u>37E</u> N.M.P.M.	10. Field and Pool, or Whichever WANTZ ABO
11. Elevation (Show whether DF, RT, GR, etc.) 3473' 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 ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER <u>ACIDIZED</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 1703.

11-14-85: Pulled production equipment. Cleaned out to 7360'. Attempted to circ hole, would not circ.
11-15-85: Acid Wantz Abo.perfs 7014' - 7349' w/6000 gals 15% HCl-NEA + 30% CO₂ + 200# rock salt.
11-16-85: Installed production equipment and returned well to production.

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 MAY 9, 1986

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

APPROVED BY _____ TITLE _____ DATE MAY 15 1986

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION
P. O. BOX 2038
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____2. TYPE OF COMPLETION
NEW WELL ☐ WORK OVER ☒ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☒ OTHER _____3. Name of Operator
SHELL WESTERN E&P INC.4. Address of Operator
P. O. BOX 991, HOUSTON, TEXAS 77001

5. Location of Well

7. Unit Agreement Name

8. Farm or Lease Name

STATE SECTION 2

9. Well No.

7

10. Field and Pool, or Wildcat

WANTZ ABO

6. UNIT LETTER V LOCATED 660 FEET FROM THE SOUTH LINE AND 1980 FEET FROM7. WEST LINE OF SEC. 2 TWP. 21-S RGE. 37-E NMPM

12. County

LEA

8. Date Spudded 7-13-51 16. Date T.D. Reached 8-31-51 17. Date Compl. (Ready to Prod.) 5-23-85 18. Elevations (DF, RKB, RT, GR, etc.) 3473' DF 19. Elev. Casinghead9. Total Depth 7854' 20. Plug Back T.D. 7415' 21. If Multiple Compl., How Many _____ 22. Intervals Drilled By _____ Rotary Tools X Cable Tools _____23. Producing Interval(s), of this completion - Top, Bottom, Name 7014' - 7349' (WANTZ ABO) 24. Was Directional Survey Made NO25. Type Electric and Other Logs Run _____ 26. Was Well Cored NO

27. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	32.4#	225'	17-1/4"	250 SX REGULAR	-----
8-5/8"	24, 32#	3152'	11"	1950 SX 4%	-----
5-1/2"	15.5, 17#	7852'	7-7/8"	825 SX 4% + 75 SX STRATA	-----

28. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

29. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2"	7022'	-----

30. Perforation Record (Interval, size and number)

31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7014' - 7349' (68 - 1/2" holes)	SQUEEZED W/250 SX CLASS "C" CMT

32. SQUEEZED W/200 SX CLASS "C" CMT

33. 5000 GALS 15% NEA; 33,000 GALS

34. 20% TITAN XL ACID/5 W/30% CO2

35. PRODUCTION

36. Date First Production 5-23-85 Production Method (Flowing, gas lift, pumping - Size and type pump) PUMP 2" X 1 1/2" X 16' HIGHLAND Well Status (Prod. or Shut-in) PRODUCING37. Date of Test 5-29-85 Hours Tested 24 Choke Size ---- Prod'n. For Test Period 180 Oil - Bbl. 360 Gas - MCF 42 Water - Bbl. 2000 Gas - Oil Ratio38. Flow Tubing Press. ----- Casing Pressure 30 Calculated 24-Hour Rate ----- Oil - Bbl. ----- Gas - MCF ----- Water - Bbl. ----- Oil Gravity - API (Corr.) 41.039. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD Test Witnessed By40. List of Attachments C-104(5), C-103(3), C-102(3)

41. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

42. SIGNED A. J. FORE TITLE SUPERVISOR REG. & PERMITS DATE JUNE 6, 1985

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 radio-activity 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" _____
B. 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 _____ 7552'	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____ 7670'	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____ 7847'	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, 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	245	245	CALICHE & RED BEDS				
245	1009	764	RED BEDS & ANHYDRITE				
1009	2004	995	ANHYDRITE				
2004	2640	636	ANHYDRITE & SALT				
2640	2926	286	ANHYDRITE				
2926	3157	231	ANHYDRITE & DOLOMITE				
3157	7547	4390	DOLOMITE				
7547	7675	28	SAND, SHALE & LIME				
7675	7690	15	LIME				
7690	7854	164	DOLOMITE & GRANITE				

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JUN 10 1985
HOBBS OFFICE