

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name  STATE SEC. 2
8. Well No. 8
9. Pool name or Wildcat HARE SIMPSON

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. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	
2. Name of Operator SHELL WESTERN E&P INC.	
3. Address of Operator P. O. BOX 576, HOUSTON, TX 77001 (WCK 4435)	
4. Well Location Unit Letter <u>L</u> : <u>3546</u> Feet From The <u>NORTH</u> Line and <u>660</u> Feet From The <u>WEST</u> Line Section <u>2</u> Township <u>21S</u> Range <u>37E</u> NMPM LEA County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3498' DF	

11. 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <u>ACD; RETD TO PROD</u> <input checked="" type="checkbox"/>

12. 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.

7-18 to 7-26-89:

POH w/prod equip. Tagged fill @ 7861'. Bailed sd from 7861' to 7951'. Spot 210 gals 15% HCl across McKee perms 7649' - 7834'. Pres tstd 5-1/2" csg to 500#, held OK. Installed prod equip & ret'd to prod.

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

SIGNATURE J. H. Smitherman TITLE REGULATORY SUPV. DATE 8-18-89  
TYPE OR PRINT NAME J. H. SMITHERMAN (713) 870-3797 TELEPHONE NO.

(This space for State Use)

Orig. Signed by  
Paul Kautz  
Geologist

AUG 22 1989

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

210-11-100

100-100-100

RECEIVED  
AUG 21 1989  
OCD  
HOBBS OFFICE

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2. Name of Operator SHELL WESTERN E&P INC.		6. State Oil & Gas Lease No.
3. Address of Operator P. O. BOX 576, HOUSTON, TX 77001 (WCK 4435)		7. Lease Name or Unit Agreement Name
4. Well Location Unit Letter <u>L</u> : <u>3546</u> Feet From The <u>NORTH</u> Line and <u>660</u> Feet From The <u>WEST</u> Line Section <u>2</u> Township <u>21S</u> Range <u>37E</u> NMPM <u>LEA</u> County		8. Well No. 8
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3498' DF		9. Pool name or Wildcat HARE SIMPSON

11. 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <u>SI</u> <input checked="" type="checkbox"/>

12. 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.

11/87: SI well due to tbg lk.

NOTE: Plans are to CO, acdz & reactivate well in near future.

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

SIGNATURE J. H. SMITHERMAN TITLE REGULATORY SUPV. DATE 6-16-89  
TYPE OR PRINT NAME J. H. SMITHERMAN (713) 870-3797 TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

JUN 19 1989

TA copy - 6-1-90

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
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&amp;P INC.

## 4. Address of Operator

P. O. BOX 991, HOUSTON, TEXAS 77001

## 5. Location of Well

UNIT LETTER L LOCATED 3546 FEET FROM THE NORTH LINE AND 660 FEET FROMTHE WEST LINE OF SEC. 2 TWP. 21-S RGE. 37-E NMPM15. Date Spudded 9-16-51 16. Date T.D. Reached 11-6-51 17. Date Compl. (Ready to Prod.) 6-1-84 18. Elevations (DF, RKB, RT, GR, etc.) 3498' DF 19. Elev. Casinghead -----20. Total Depth 8156' 21. Plug Back T.D. 5990' 22. If Multiple Compl., How Many N/A 23. Intervals Drilled By X Rotary Tools X Cable Tools -----

24. Producing Interval(s), of this completion - Top, Bottom, Name

7649' to 7834' (McKEE)

## 26. Type Electric and Other Logs Run

TEMPERATURE BASE (7300' - 7935')25. Was Directional Survey Made -----27. Was Well Cored -----

## CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	219'	17-1/4"	250 SX	-----
8-5/8"	32, 28#	3149'	11"	2000 SX	-----
5-1/2" liner	17, 15.5#	2985'-8018'	7-7/8"	800 SX	-----

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET

## 31. Perforation Record (Interval, size and number)

7649' to 7833' (26 - 1/2" holes)  
7655' to 7834' (40 - 1/2" holes)

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>7649' to 7833'</u>	<u>ACIDIZED W/3750 GALS 15% NEA</u>
<u>" " "</u>	<u>FRAC TREATED W/42,000 X-LINKED</u>
<u>" " "</u>	<u>2% KCl</u>
<u>7649' to 7834'</u>	<u>ACIDIZED W/2520 GALS 15% NEA</u>

PRODUCTION							
Date First Production <u>6-2-84</u>		Production Method (Flowing, gas lift, pumping - Size and type pump) <u>PUMPING - 2" X 1 1/2" X 16' HIGHLAND PUMP</u>				Well Status (Prod. or Shut-in) <u>PRODUCING</u>	
Date of Test <u>7-5-84</u>	Hours Tested <u>24</u>	Choke Size <u>----</u>	Prod'n. For Test Period <u>12</u>	Oil - Bbl. <u>12</u>	Gas - MCF <u>150</u>	Water - Bbl. <u>4</u>	Gas - Oil Ratio <u>12,500</u>
Flow Tubing Press. <u>-----</u>	Casing Pressure <u>28</u>	Calculated 24-Hour Rate <u>12</u>	Oil - Bbl. <u>12</u>	Gas - MCF <u>150</u>	Water - Bbl. <u>4</u>	Oil Gravity - API (Corr.) <u>41</u>	

## 34. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

## 35. List of Attachments

C-102(4), C-103(3), C-104(5), C-105(6)

36. 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.

SIGNED

A. J. FORETITLE SUPV. REG. & PERMITTINGDATE JULY 12, 1984

# 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

T. Anhy \_\_\_\_\_  
T. Salt \_\_\_\_\_  
B. Salt \_\_\_\_\_  
T. Yates \_\_\_\_\_  
T. 7 Rivers \_\_\_\_\_  
T. Queen \_\_\_\_\_  
T. Grayburg \_\_\_\_\_  
T. San Andres \_\_\_\_\_  
T. Glorieta \_\_\_\_\_ 5312'  
T. Paddock \_\_\_\_\_  
T. Blinberry \_\_\_\_\_  
T. Tubb \_\_\_\_\_  
T. Drinkard \_\_\_\_\_ 6592'  
T. Abo \_\_\_\_\_  
T. Wolfcamp \_\_\_\_\_  
T. Penn. \_\_\_\_\_  
T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
T. Strawn \_\_\_\_\_  
T. Atoka \_\_\_\_\_  
T. Miss \_\_\_\_\_  
T. Devonian \_\_\_\_\_  
T. Silurian \_\_\_\_\_  
T. Montoya \_\_\_\_\_  
T. Simpson \_\_\_\_\_  
T. McKee \_\_\_\_\_ 7638'  
T. Ellenburger \_\_\_\_\_ 7981'  
T. Gr. Wash \_\_\_\_\_ 8125'  
T. Granite \_\_\_\_\_  
T. Delaware Sand \_\_\_\_\_  
T. Bone Springs \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

### Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
T. Kirtland-Fruitland \_\_\_\_\_  
T. Pictured Cliffs \_\_\_\_\_  
T. Cliff House \_\_\_\_\_  
T. Menefee \_\_\_\_\_  
T. Point Lookout \_\_\_\_\_  
T. Mancos \_\_\_\_\_  
T. Gallup \_\_\_\_\_  
Base Greenhorn \_\_\_\_\_  
T. Dakota \_\_\_\_\_  
T. Morrison \_\_\_\_\_  
T. Todilto \_\_\_\_\_  
T. Entrada \_\_\_\_\_  
T. Wingate \_\_\_\_\_  
T. Chinle \_\_\_\_\_  
T. Permian \_\_\_\_\_  
T. Penn. "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
T. Penn. "C" \_\_\_\_\_  
T. Penn. "D" \_\_\_\_\_  
T. Leadville \_\_\_\_\_  
T. Madison \_\_\_\_\_  
T. Elbert \_\_\_\_\_  
T. McCracken \_\_\_\_\_  
T. Ignacio Qtzte \_\_\_\_\_  
T. Granite \_\_\_\_\_  
T. \_\_\_\_\_  
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T. \_\_\_\_\_  
T. \_\_\_\_\_  
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	600'	600'	RED BEDS				
600	1692'	1092'	RED BEDS & ANHYDRITE				
1692	2673'	981'	ANHYDRITE & SALT				
2673	3130'	457'	ANHYDRITE				
3130	3153'	23'	ANHYDRITE & DOLOMITE				
3153	7519'	4366'	DOLOMITE				
7519	7570'	51'	DOLOMITE & SHALE				
7570	7982'	412'	SHALE & SAND				
7982	8015'	33'	LIME, SHALE, & SAND				
8015	8018'	3'	LIME & CHERT				
8018	8050'	32'	DOLOMITE & CHERT				
8050	8100'	50'	DOLOMITE				
8100	8136'	36'	DOLOMITE & GRANITE WASH				
8136	8153'	17'	GRANITE WASH & GRANITE				
8153	8156'	3'	GRANITE				

RECEIVED  
JUL 16 1984  
O.D.O.  
NOBBS CHANCE