

OIL 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	
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U.S.G.S.	
LAND OFFICE	
OPERATOR	

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 ☐

7. Unit Agreement Name
8. Farm or Lease Name
STATE SEC. 2

3. Name of Operator
SHELL WESTERN E&P INC.
4. Address of Operator
P.O. BOX 576, HOUSTON, TEXAS 77001 (WCK 4435)
5. Location of Well

9. Well No.
3
10. Field and Pool, or Wildcat
WANTZ ABO

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

12. County
LEA

11. Date Spudded 7-22-50 16. Date T.D. Reached 9-10-50 17. Date Compl. (Ready to Prod.) 1-21-88 18. Elevations (DF, RKB, RT, GR, etc.) 3467' DF 19. Elev. Casinghead -----

20. Total Depth 7906' 21. Plug Back T.D. 7605' 22. If Multiple Compl., How Many ----- 23. Intervals Drilled By ----- Rotary Tools X Cable Tools -----

24. Producing Interval(s), of this completion - Top, Bottom, Name
7203' - 7238' (WANTZ ABO) 25. Was Directional Survey Made NO

26. Type Electric and Other Logs Run
GR/TEMP BASE 27. Was Well Cored NO

28. 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#	223'	17-1/4"	300 SX REG	-----
8-5/8"	32#	3150'	11"	1700 SX BENTONITE + 500 REG	-----
5-1/2"	15.5, 17#	7760'	7-7/8"	500 SX REG	-----

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2"	7135'	

31. Perforation Record (Interval, size and number)
7203' - 7238' (1 JSPF)
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
7682' - 7697' SQZD W/75 SX CLS "C" CMT
7203' - 7238' ACD W/2500 GALS 20% HCL-NEA + 250# ROCK SALT

33. PRODUCTION

Date First Production 1-21-88 Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING - 2" X 1-1/2" X 16' HIGHLAND Well Status (Prod. or Shut-in) PROD
Date of Test 1-31-88 Hours Tested 24 Choke Size Prod'n. For Test Period Oil - Bbl. 42 Gas - MCF 225 Water - Bbl. 0 Gas-Oil Ratio 5357
Flow Tubing Press. Casing Pressure 30 Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.) 38.8

34. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD Test Witnessed By

35. List of Attachments

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 *E. Curran for* A. J. FORE

TITLE SUPERVISOR REG. & PERMITTING DATE 2-04-88

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" _____
D. 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 _____ 7528'	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____ 7724'	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____ 7900'	T. Todilto _____	T. _____
T. Drinkard _____ 6556'	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 6850'	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	1203	1203	CALICHE & RED BEDS				
1203	1960	757	ANHYDRITE & SALT				
1960	2827	867	ANHYDRITE				
2827	3155	328	ANHYDRITE & LIME				
3155	6690	3535	LIME				
6690	6809	119	DOLOMITE				
6809	7420	611	LIME				
7420	7635	215	LIME & SHALE				
7635	7758	123	SHALE, SAND & DOLOMITE				
7758	7876	118	LIME				
7876	7906	30	GRANITE				

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

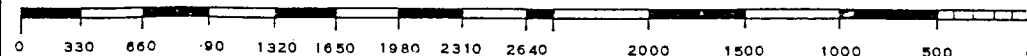
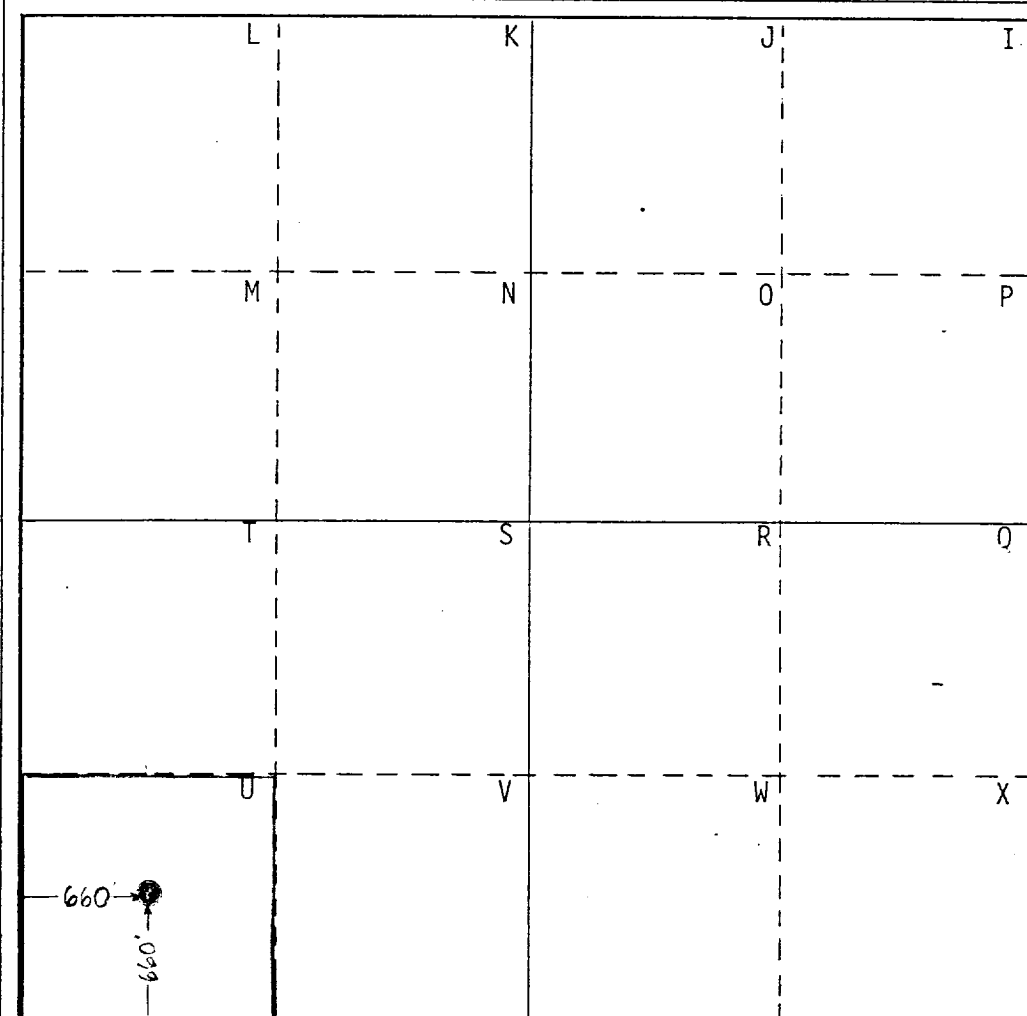
Operator SHELL WESTERN E&P INC.			Lease STATE SECTION 2		Well No. 3
Unit Letter U	Section 2	Township 21S	Range 37E	County LEA	
Actual Footage Location of Well: 660 feet from the SOUTH line and 660 feet from the WEST line					
Ground Level Elev. 3467' DF	Producing Formation WANTZ ABO		Pool WANTZ ABO		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

A. J. Fore
Name

for A. J. FORE
Position

SUPERVISOR REG. & PERMITTING
Company

SHELL WESTERN E&P INC.

Date
2-04-88

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-7

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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 ☐	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. 3
4. Location of Well UNIT LETTER <u>U</u> <u>660</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>660</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 Wildcat WANTZ ABO
11. Elevation (Show whether DF, RT, GR, etc.) 3467' DF	12. County LEA

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

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPERATIONS ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☒ ABANDONED HARE SIMPSON/BRUNSON ELLEN-BURGER; RECOMPLETED TO WANTZ ABO

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.

1-18-88: POH w/prod equip.

1-19-88: Set CIBP @ 7725' & capped w/35' cmt. Set cmt ret @ 7605'. Sqzd Hare Simpson perms 7682' - 7697' w/25 sx CIs "C" cmt + .3% Halad-9 followed by 50 sx CIs "C" cmt.

1-20-88: Perf'd Wantz Abo 7203' - 7238' (1 JSPF). Ran GR/temp base log from 7400' to 6800'. Acd perms 7203' - 7238' w/2500 gals 20% HCl-NEA + 250# rock salt. Ran eval log.

1-21-88: Installed prod equip & returned well to prod.

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

SIGNED E. J. Fore A. J. FORE TITLE SUPERVISOR REG. & PERMITTING DATE 2-04-88
Orig. Signed by
Paul Kautz
Geologist
APPROVED BY _____ TITLE _____ DATE FEB 9 - 1988

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FEB 8 1988
OCD
HOBBS OFFICE

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

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. CIL ☒ WELL ☐ GAS ☐ WELL ☐ OTHER ☐	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. 3
4. Location of Well UNIT LETTER <u>U</u> <u>660</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>660</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 Whence DRINKARD/HARE SIMPSON BRUNSON ELLENBURGER
15. Elevation (Show whether DF, RT, GR, etc.) 3467' 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 JOB ☐	

SQZD DRINKARD; ACD HARE SIMPSON
& BRUNSON ELLENBURGER ☒

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.

12-02-87: POH w/prod equip. CO to 7650'.

12-03 to 12-04-87: Set RBP @ 6900' & dmpd 2 sx sd on top. Set pkr @ 6315'.
Sqzd Drinkard perfs 6562' - 6828' w/100 sx Cls "C" cmt + .3%
Halad-9 followed by 75 sx Cls "C" cmt + 2% CaCl₂. POH w/pkr.

12-05 to 12-07-87: Do cmt 6340'-6791'. Pres tstd sqz to 300#, held OK.
Circ'd sand off RBP.

12-08-87: POH w/RBP. Acd Ellenburger OH 7760'-7906' w/8000 gals 15%
HCl-NEA + 1750# rock salt.

12-09-87: Set RBP @ 7720'. Acd Hare Simpson perfs 7682'-7697' w/2000
gals 15% HCl-NEA. POH w/RBP. Installed prod equip & returned
well to prod.

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 1-21-88

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR

TITLE

DATE JAN 21 1988

RECEIVED
JAN 25 1988
OCD
HOBBS OFFICE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		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, TX 77001 (WCK 4435)		9. Well No. 3
4. Location of Well UNIT LETTER U LOCATED 660 FEET FROM THE SOUTH LINE AND 660 FEET FROM THE WEST LINE OF SEC. 2 TWP. 21S RGE. 37E NMPM		10. Field and Pool, or Wildcat WANTZ ABO
11. Elevations (Show whether DF, RT, etc.) 3467' DF		12. County LEA
21A. Kind & Status Plug. Bond BLANKET	19. Proposed Depth 7906' (TD)	19A. Formation WANTZ ABO
21B. Drilling Contractor WORKOVER RIG	20. Rotary or C.T. ROTARY	
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#	223'	300	SURF
11"	8-5/8"	32#	3150'	2200	SURF
7-7/8"	5-1/2"	15.5, 17#	7760'	500	+ 5200' (FREE POINT)

1. POH w/prod equip.
2. Set CIBP @ 7725' & capped w/35' cmt.
3. Set cmt ret @ 7600'. Sqz Hare Simpson perfs 7682' - 7697' w/50 sx Cls "C" cmt + .3% Halad-9 followed by 50 sx Cls "C" cmt + 2% CaCl₂. WOC 24 hrs.
4. Perf Wantz Abo 6894' - 7238' (1 JSPF).
5. Acdz perfs 6894' - 7238' w/7500 gals 20% HCl-NEA + 1500# rock salt using RBP & pkr.
6. Install prod equip & return well to prod.

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.

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 1-21-88

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

APPROVED BY _____ TITLE _____ DATE JAN 26 1988

CONDITIONS OF APPROVAL, IF ANY: