

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. B-9745
7. Lease Name or Unit Agreement Name NORTHEAST DRINKARD UNIT
8. Well No. 322
9. Pool name or Wildcat NORTH EUNICE BLINEBRY-TUBB- DRINKARD OIL & GAS

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 ☐ GAS WELL ☐ OTHER INJECTOR

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 S : 1980 Feet From The SOUTH Line and 1980 Feet From The WEST Line  
Section 2 Township 21S Range 37E NMPM LEA County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
3488' 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"/>	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"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	(Order No. WFX-583)
OTHER: <input type="checkbox"/>		OTHER: Sazd Wantz Abo Recomp to unit intvs, CTE <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.

7-08 to 7-18-89:  
POH w/prod equip. CO to 7000'. Set pkr @ 6905'. Pres tstd csg to 500#, held OK. POH w/  
pkr. Set CICK @ 6912'. Sazd Wantz Abo perfs 7060' - 7276' w/100 SX Cls "C" cmt +  
.3% Halad-9 followed by 100 SX Cls "C" Neat cmt. Ran GR/CUL/CCL from 6850' to 4850'.  
Perf'd Blinebry/Tubb/Drinkard 5817' - 6824' (1 JSPF & 1 JSP2F). Acd perfs 5817' - 6824'  
w/14,280 gals 15% HCl + 900# rock salt. Installed inj equip, setting Guib Uni-VI Pkr @  
5757'. Pres tstd csg to 500# for 30 min, held OK.

7-25-89:

Commenced inj.

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

8-15-89

TYPE OR PRINT NAME

J. H. SMITHERMAN

(713) 870-3797

TELEPHONE NO.

(This space for Signatures)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

AUG 18 1989

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B-9745

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☐ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☒

b. Type of Well:

OIL WELL ☐ GAS WELL ☐ OTHER ☐ INJECTOR ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

SHELL WESTERN E&P INC.

3. Address of Operator

P. O. BOX 576, HOUSTON, TX 77001 (WCK 4435)

7. Lease Name or Unit Agreement Name

NORTHEAST DRINKARD UNIT\*

8. Well No.

322\*

9. Pool name or Wildcat

NORTH EUNICE BLINEBRY-TUBB-  
DRINKARD OIL & GAS

4. Well Location

Unit Letter S : 1980 Feet From The SOUTH Line and 1980 Feet From The WEST Line

Section 2 Township 21S Range 37E NMPM LEA County

10. Proposed Depth

8207' (TD)

11. Formation

BLINEBRY-TUBB-  
DRINKARD

12. Rotary or C.T.

ROTARY

13. Elevations (Show whether DF, RT, GR, etc.)

3488' DF

14. Kind & Status Plug. Bond

BLANKET

15. Drilling Contractor

WORKOVER RIG

16. Approx. Date Work will start

UPON APPROVAL

17. 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"	48#	225'	300	SURF
11"	8-5/8"	32#	3149'	2000	SURF
7-7/8"	5-1/2" LNR	15.5, 17#	2942' - 8065'	1080	SURF
7-7/8"	5-1/2" TIE-BACK	14#	SURF - 2942'	450	SURF

\*CURRENT WELL NAME: ~~STATE SECTION 2 NO. 6~~ WE PROPOSE TO SQUEEZE THE WANTZ ABO, RECOMPLETE TO THE UNITIZED INTERVALS AND CONVERT TO INJECTION AS FOLLOWS:

1. Pull production equipment
2. Set pkr @ 6900'. Pres tst csg to 500#. TOH w/pkr.
3. Set cmt ret @ 6900'.
4. Sqz Wantz Abo perms 7060' - 7276' w/125 sx Cls "C" cmt + .3% Halad-9 followed by 25 sx Cls "C" neat cmt.
5. Run GR/CNL/CCL from 6850' to 5650'.
6. Perf Blinebry/Tubb/Drinkard @ depths determined from log eval.
7. Acdz Blinebry/Tubb/Drinkard w/treatment sch based on log eval.
8. Install inj equip, setting Guib Uni-Pkr VI @ ±5750'. Pres tst csg to 500# for 30 min.

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.

SIGNATURE W. F. N. Kelldorf TITLE STAFF PRODUCTION ENGINEER DATE 4-06-89  
TYPE OR PRINT NAME W. F. N. KELLDORF (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 27 1989

W 2 X-583

**RECEIVED**

**APR 10 1989**

**OCD  
HOBBS OFFICE**

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Geology, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

# OIL CONSERVATION DIVISION

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

## 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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <b>SHELL WESTERN E&amp;P INC.</b>			Lease <b>STATE SECTION 2</b>		Well No. <b>6</b>
Unit Letter <b>S</b>	Section <b>2</b>	Township <b>21S</b>	Range <b>37E</b>	County <b>NMPM LEA</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>SOUTH</b> line and <b>1980</b> feet from the <b>WEST</b> line					
Ground level Elev. <b>3488' DF</b>		Producing Formation <b>BLINEBRY/TUBB/DRINKARD</b>		Pool <b>NORTH EUNICE BLINEBRY-TUBB- DRINKARD OIL &amp; GAS</b>	
				Dedicated Acreage: <b>40</b> Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</p> <p>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).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation <b>UNITIZATION</b></p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)</p> <p>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 interest, has been approved by the Division.</p>					
				<b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein in true and complete to the best of my knowledge and belief.	
				Signature <i>W. F. N. Kelldorf</i> Printed Name <b>W. F. N. KELLDORF</b> Position <b>STAFF PRODUCTION ENGINEER</b> Company <b>SHELL WESTERN E&amp;P INC.</b> Date <b>4-06-89</b>	
				<b>SURVEYOR CERTIFICATION</b> 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  Signature & Seal of Professional Surveyor  Certificate No.	

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

Form C-103  
Revised 10-1-75

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LAND OFFICE	
OPERATOR	

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.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> 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. 6
4. Location of Well UNIT LETTER S 1980 FEET FROM THE SOUTH LINE AND 1980 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
15. Elevation (Show whether DF, RT, GR, etc.) 3488' 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 <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 OPERATIONS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> SQZD, REPERF'D & ACD

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.

5-08-87: Pulled prod equip.  
5-09-87: Set cmt ret @ 6960'. Sqzd Wantz Abo perfs 7014' - 7155' w/50 sx CIs "C" cmt + .3% Halad-9 followed by 75 sx CIs "C" cmt.  
5-11 to 5-12-87: DO cmt ret @ 6960' & cmt to 7081' (fell out of cmt). Pres tstd sqz to 600#, held OK. DO cmt ret @ 7185' & cmt to 7220'.  
5-13-87: Perf'd Wantz Abo 7060' - 7155' (4 JSPF, 60 holes). Ran base GR/temp survey from 6600' to 7300'. Spotted 150 gals 20% HCl-NEA from 7160' to 7010'. Acd perfs 7060' - 7155' w/7500 gals 20% HCl-NEA + 500# rock salt. Ran base GR/temp survey.  
5-14-87: Installed prod equip & returned well to prod.  
5-26-87: Pulled prod equip. Spotted 200 gals 15% HCl-NEA from 7280' to 7080'. Perf'd Wantz Abo 7243' - 7276' (4 JSPF, 72 holes).  
5-27-87: Acd perfs 7243' - 7276' w/5000 gals 20% HCl-NEA + 1900# rock salt.  
5-28-87: 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 JUNE 22, 1987

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT 1 SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUN 26 1987

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JUN 25 1967

OCD

HOLES 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 10-1-75

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
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.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> 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. 6
4. Location of Well UNIT LETTER <u>S</u> <u>1980</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>21-S</u> RANGE <u>37-E</u> NMPM.		10. Field and Pool, or Wildcat WANTZ ABO
15. Elevation (Show whether DF, RT, GR, etc.) 3488' 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 <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 OPER. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>SQZ, REPERF &amp; ACID FRAC</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/>

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.

1. Pull prod equip.
2. Set cmt ret @ ±6850'.
3. Sqz Wantz Abo perfs 7014' - 7155' w/100 sx CIs "C" cmt + .3% Halad-9 followed by 100 sx CIs "C" cmt + 2% CaCl<sub>2</sub>. WOC 24 hrs.
4. DO cmt ret & cmt. Pres tst sqz to 1000#.
5. Spot 20% HCl from 7050' to 7150'.
6. Perf Wantz Abo 7060' - 7155' (4 JSPF, 60 holes).
7. Run base GR/temp survey from 7185' (PBD) to 6900'.
8. Acidz perfs 7060' - 7155' w/7500 gals 20% HCl-NEA + 2000# rock salt.
9. Run base GR/temp survey from 7185' (PBD) to 6900'.
10. Install prod equip & test well until it recovers load & stabilizes.
11. Pull prod equip.
12. Acid frac perfs 7060' - 7155' w/30,000 gals 20% HCl + 32,500 gals viscous fluid + 12,000 gals non-viscous fluid + 1000# rock salt.
13. SI a minimum of 48 hrs.
14. Open well thru 8/64" choke until it dies completely.
15. Install prod equip & return well to prod.

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

SIGNED <u>A. J. FORE</u>	TITLE <u>SUPERVISOR REG. &amp; PERMITTING</u>	DATE <u>MAY 12, 1987</u>
Orig. Signed by <u>Paul Kautz</u> Geologist		
APPROVED BY	TITLE	DATE <u>MAY 15 1987</u>

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MAY 14 1961

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