

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAW OFFICE	
OPERATOR	

5c. 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. <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. Field or Lease Name STATE SECTION 2
3. Address of Operator P.O. BOX 576, HOUSTON, TEXAS 77001 (WCK 4435)	9. Well No. 21
4. Location of Well UNIT LETTER T, 2205 FEET FROM THE SOUTH LINE AND 988 FEET FROM THE WEST LINE, SECTION 2, TOWNSHIP 21S, RANGE 37E, N.M.P.M.	10. Field and Pool, or Widest UNDESIGNATED SA
11. Elevation (Show whether DF, RT, GR, etc.) 3486' 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 <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
		OTHER PB BLINEBRY & RECOMPLETED TO SAN ANDRES (X) (CONVERTED TO WATER SOURCE WELL)	

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.)

NEW WELL NAME: NORTHEAST DRINKARD UNIT #312S

10-22 to 10-27-87: Fished out stuck tbg. Set CIBP @ 5600' & capped w/35' cmt. Ran CBL/CCL/GR from 5550' to 2900'. TOC @ 3140'. Ran CNL from 5100' to 4000'.

10-30-87: Perf'd San Andres 4090' - 5058' (1 JSPF). (Should be 4055')
1 JSP2F

10-31-87: Acid perms 4090' - 5058' w/12000 gals 15% HCl-NEA + 2150# rock salt.

11-02-87: Ran swab. Sand line parted leaving swab, sinker bar & 20' sand line in hole. SI well.

11-11 to 11-12-87: Installed prod equip & BHP bombs.

11-13-87: 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 12-04-87

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

DEC 21 1987

RECEIVED

SEP 22 1989

OCO
HOBBS OFFICE

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LAND OFFICE	
OPERATOR	

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work				7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> *TO CONVERT TO WATER SOURCE WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. Farm or Lease Name	
2. Name of Operator SHELL WESTERN E&P INC.				9. Well No. 21	
3. Address of Operator P. O. BOX 576, HOUSTON, TX 77001 (WCK 4435)				10. Field and Pool, or Wildcat EUNICE MONUMENT (G/SA)	
4. Location of Well UNIT LETTER T LOCATED 2205 FEET FROM THE SOUTH LINE AND 988 FEET FROM THE WEST LINE OF SEC. 2 TWP. 21S RGE. 37E NMPM				12. County LEA	
11. Elevations (Show whether DF, RT, etc.) 3486' DF				19. Proposed Depth 5925' (TD)	
21A. Kind & Status Plug. Bond BLANKET				19A. Formation SAN ANDRES	
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
17-1/2"	13-3/8"	48#	301'	300	SURF
11"	8-5/8"	32#	3148'	1400	SURF
7-7/8"	5-1/2"	15.5#	5922'	100 -	5160' (CALC)

WE PROPOSE TO PLUG BACK THE BLINEBRY & RECOMPLETE TO THE SAN ANDRES AS FOLLOWS:

1. Set CIBP @ 5600' & cap w/35' cmt.
2. Run CBL/CCL/GR from 5550' to TOC. Run 100' repeat pass across TOC.
3. Perf 4-way shot at depth to be determined following CBL eval.
4. Set pkr 50' above perf. Attemp to estab circ. Proceed if circ estab.
5. TOH w/pkr. Set cmt ret 50' above perf & estab circ.
6. Cmt 5-1/2" csg w/150 sx Cls "C" cmt + 8% bentonite + .3% Halad-9 followed by 25 sx Cls "C" Neat cmt + 2% CaCl₂. (Need TOC @ ±3500'). WOC ±48 hrs.
7. DO cmt ret & excess cmt.
8. Run CBL/GR from 5550' to TOC w/100' repeat pass across TOC.
9. Run CNL/GR from 5100' to 4000' w/200' repeat pass from 4500' to 4300'.
10. Perf San Andres (1 JSPF) at depths to be determined.

(CONTINUED ON REVERSE SIDE)

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 OCTOBER 23, 1987

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISORAPPROVED BY _____ TITLE _____ DATE OCT 27 1987

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Is Underway

11. TIH w/RBP & acidz San Andres. Treatment schedule to be determined following log eval. (Anticipated vol: 7500 - 10,000 gals 15% HCl.)
12. Flow back on 8/64" choke.
13. TIH w/BHP bombs & prod equip. Test pmp for two weeks to gather data necessary for submersible pump design. Well will be SI until submersible pump is installed.

NOTE: Well is to be recompleted as a water source well for our proposed Northeast Drinkard Unit.

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.

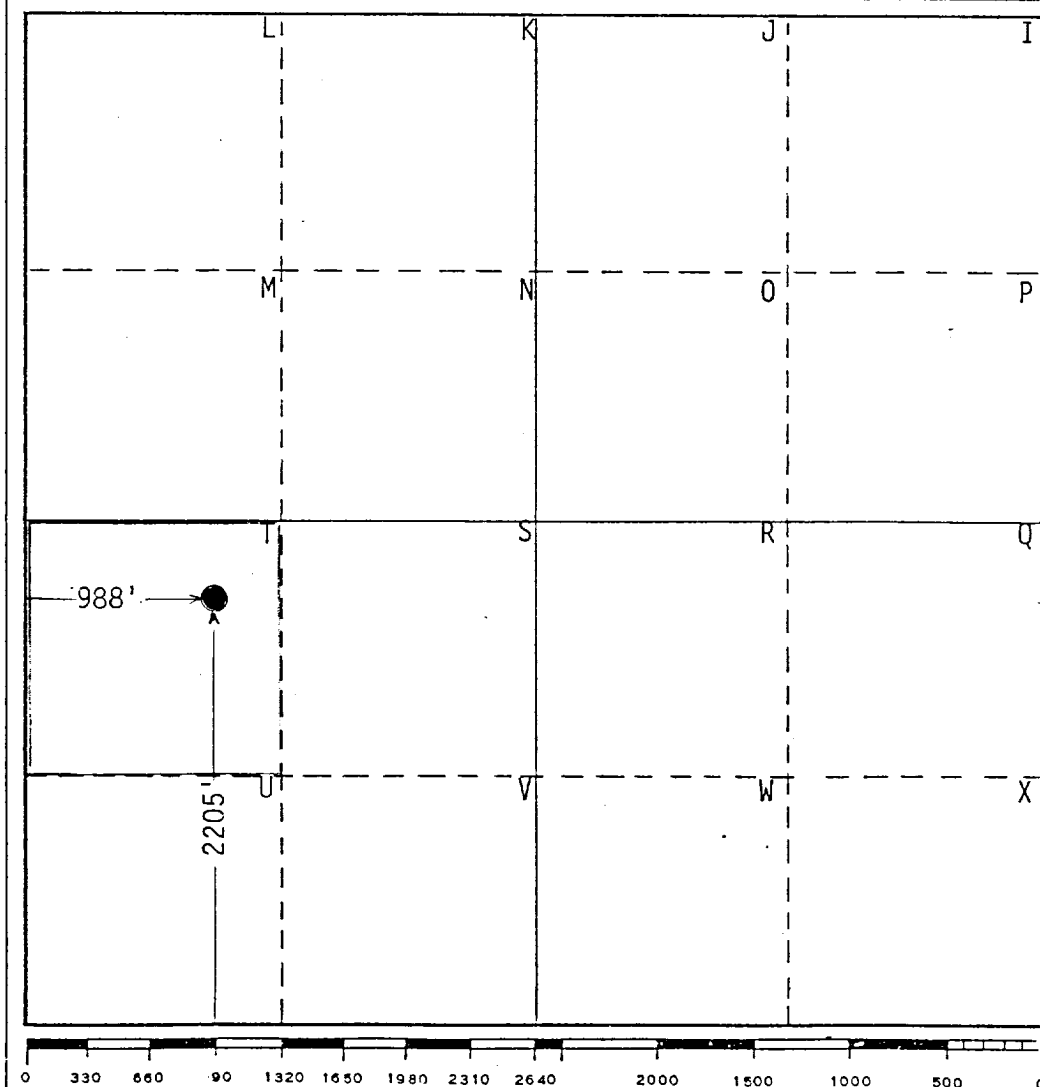
Operator SHELL WESTERN E&P INC.			Lease STATE SECTION 2		Well No. 21
Unit Letter T	Section 2	Township 21S	Range 37E	County LEA	
Actual Footage Location of Well: 2205 feet from the SOUTH line and 988 feet from the WEST line					
Ground Level Elev. 3486' DF	Producing Formation SAN ANDRES		Pool EUNICE MONUMENT (G/SA)	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.

Name
A. J. FORE
 Position
SUPERVISOR REG. & PERMITTING
 Company
SHELL WESTERN E&P INC.
 Date
OCTOBER 23, 1987

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
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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.

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 <input checked="" type="checkbox"/> CAR WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	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. 21
4. Location of Well UNIT LETTER <u>T</u> <u>2205</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>988</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 BLINEBRY OIL & GAS
11. Elevation (Show whether DF, RT, GR, etc.) 3486' 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 <u>REPAIRED CSG LEAK; ACIDIZED</u> <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.

8-22-85: Pulled production equipment.

8-23 to 8-24-85: Cleaned out to 5771'.

8-26-85: Set a RBP @ 5525'. Found leak in 5-1/2" csg between 5040' & 5103'.

8-27-85: Spotted 2 sx 20-40 mesh sd on top of RBP. Set cmt retainer @ 4789'. Pmpd 100 sx Class "C" cmt --- 35 sx cmt in formation, reversed out 65 sx cmt.

8-28-85: Drld out cmt retainer @ 4789' & 70' cmt. WOC 24+ hrs.

8-30-85: Drld out cmt to 5070'. Pres tested sqz to 1000 psi, held OK.

8-31-85: Retrieved RBP @ 5525'. Acidized Blinebry perf's 5666' - 5899' w/2000 gals 15% HCl-NEA + 250# rock salt. 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.

FILED A. J. FORE TITLE SUPERVISOR REG. & PERMITTING DATE SEPTEMBER 11, 1985

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR

TITLE

DATE

SEP 16 1985

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

SEP 13 1985

O.C.D.
HQS. OFFICE