

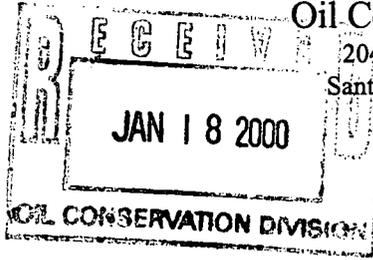
District I - (505) 393-6161  
 1625 N. French Dr  
 Hobbs, NM 88240  
 District II - (505) 748-1283  
 811 S. First  
 Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Road  
 Aztec, NM 87410  
 District IV - (505) 827-7131  
 2040 S. Pacheco  
 Santa Fe, NM 87505

New Mexico  
 Energy Minerals and Natural Resources Department  
 Oil Conservation Division

2040 South Pacheco Street  
 Santa Fe, New Mexico 87505  
 (505) 827-7131

1555 Form C-142  
 Date 06/99

SUBMIT ORIGINAL  
 PLUS 2 COPIES  
 TO THE SANTA FE  
 OFFICE



APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address <b>CONCHO RESOURCES INC. 110 W. LOUISIANA STE 410 MIDLAND, TX 79701</b>							OGRID Number <b>166111</b>		
Contact Party <b>Terri Stathem</b>							Phone <b>915-683-7443</b>		
Property Name <b>South Shoe Bar '15' State</b>					Well Number <b>2</b>		API Number <b>30025-34702</b>		
UL	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County	
H	15	17S	35E	1650	NORTH	800	EAST	LEA	

II. Date/Time Information

Spud Date <b>9-28-99</b>	Spud Time <b>2:00 PM MST</b>	Date Completed <b>12-29-99</b>	Pool <b>VACUUM ATOKA MORROW, NORTH</b>
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of TEXAS )  
 )  
 ) ss.  
 County of MIDLAND )

JOE WRIGHT, being first duly sworn, upon oath states:

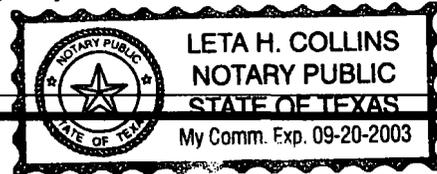
- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature *Joe Wright* Title ENGINEER Date 1/12/00

SUBSCRIBED AND SWORN TO before me this 12th day of January, 2000.

*Leta H. Collins*  
 Notary Public

My Commission expires:



FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u><i>Mark Bailey</i></u>	Title <u>P.E. Spec.</u>	Date <u>2-28-00</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 2/28/00

**NOTICE: The operator must notify all working interest owners of this New Well certification.**

*PV2V2010752435*

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

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. 30-025-34702
Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No.
Lease Name or Unit Agreement Name SOUTH SHOE BAR "15" STATE
Well No. 2
Pool name or Wildcat VACUUM ATOKA-MORROW, NORTH

**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

2 Name of Operator  
CONCHO RESOURCES INC.

3 Address of Operator  
110 WEST LOUISIANA, SUITE 410, MIDLAND, TX 79701

4 Well Location  
Unit Letter H : 1650 Feet From The NORTH Line and 800 Feet From The EAST Line  
Section 15 Township 17S Range 35E NMPM LEA County

10 Elevation (Show whether DF, RKB, RT, GR, etc.)  
3943' GR

11

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK  PLUG AND ABANDON   
 TEMPORARILY ABANDON  CHANGE PLANS   
 PULL OR ALTER CASING   
 OTHER:

SUBSEQUENT REPORT OF:

REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  PLUG AND ANBANDONMENT   
 CASING TEST AND CEMENT JOB   
 OTHER: SPUD & SET SURFACE CSG.

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.

9-28-99 SPUD 17-1/2" HOLE @ 2:00PM MDT.  
 RIH & SET 13-3/8" SURFACE CSG @ 455'. CMT W/LEAD: 245 SX 65/35 POZ "C" + 2% CACL + 1/4#/SX  
 CELLOFLAKE + 6% GEL. TAIL: 200 SX "C" + 2% CACL + 1/4#/SX CELLOFLAKE.  
 CIRC 85 SX CMT TO PIT.

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

*Sherry Conrad*

TITLE AGENT

DATE 09-30-99

SHERRY CONRAD

TELEPHONE NO. 915-683-7443

ORIGINAL SIGNED BY  
GARY WINK  
FIELD REP. II

TITLE

DATE OCT 08 1999

ANY:

10112137

District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 811 South First, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

WELL API NO.  
 30025-34702

5. Indicate Type of Lease  
 STATE  FEE

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
 OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. Type of Completion:  
 NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

7. Lease Name or Unit Agreement Name  
 SOUTH SHOE BAR '15' STATE

2. Name of Operator  
 CONCHO RESOURCES INC.

8. Well No.  
 2

3. Address of Operator  
 110 W. LOUISIANA STE 410; MIDLAND TX 79701

9. Pool name or Wildcat  
 VACUUM ATOKA MORROW NORTH

4. Well Location  
 Unit Letter H : 1650 Feet From The NORTH Line and 800 Feet From The EAST Line  
 Section 15 Township 17S Range 35E NMPM LEA County

10. Date Spudded 9-28-99	10. Date T.D. Reached 11-1-99	11. Date Compl. (Ready to Prod.) 12-29-99	12. Elevations (DF& RKB, RT, GR, etc.) 3943'GR	14. Elev. Casinghead
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15. Total Depth 12692	16. Plug Back T.D. 12660	17. If Multiple Compl. How Many Zones? _____	18. Intervals Drilled By _____	Rotary Tools xxxxxxxxxxxxxxxx	Cable Tools _____
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19. Producing Interval(s), of this completion - Top, Bottom, Name  
 12582-12610' Morrow

20. Was Directional Survey Made  
 No

21. Type Electric and Other Logs Run  
 GR, CNL, DLL(ALS)

21. Was Well Cored  
 No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	54.5	455	17-1/2	445 C	0
8-5/8	32	4965	11	1250 C	0
5-1/2	17	12689	7-7/8	1205 H	0

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	12570	12539

26. Perforation record (interval, size, and number)  
 12582-12610' (4 SPF) (112 Total)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12582-12610	Frac w/ 44814 gals 30# X Link gel, 56020 20/40

28. PRODUCTION

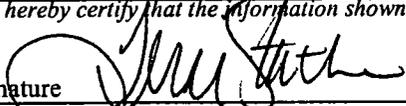
Date First Production 12-29-99	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Prod					
1-2-00	Hours Tested 24	Choke Size 16/64	Prod'n For Test Period	Oil - Bbl 132	Gas - MCF 1876	Water - Bbl. 0	Gas - Oil Ratio 14210
Flow Tubing Press. 1900	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 132	Gas - MCF 1876	Water - Bbl. 0	Oil Gravity - API - (Corr.) 55.8	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
 sold - tie in to LG&E line 12/29/99

Test Witnessed By  
 Mark Hulse, Concho Resources Inc.

30. List Attachments  
 Logs, C103, C104, Letter of Confidentiality

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

Signature 

Printed Name Terri Stathem Title Production Analyst Date 1/12/00

# 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 25 through 29 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 4800 \_\_\_\_\_
- T. Glorieta \_\_\_\_\_
- T. Paddock \_\_\_\_\_
- T. Blinbry \_\_\_\_\_
- T. Tubb \_\_\_\_\_
- T. Drinkard \_\_\_\_\_
- T. Abo 8502 \_\_\_\_\_
- T. Wolfcamp 9696 \_\_\_\_\_
- T. Penn \_\_\_\_\_
- T. Cisco (Bough C) \_\_\_\_\_

- T. Canyon 11304 \_\_\_\_\_
- T. Strawn 11702 \_\_\_\_\_
- T. Atoka 11830 \_\_\_\_\_
- T. Miss \_\_\_\_\_
- T. Devonian \_\_\_\_\_
- T. Silurian \_\_\_\_\_
- T. Montoya \_\_\_\_\_
- T. Simpson \_\_\_\_\_
- T. McKee \_\_\_\_\_
- T. Ellenburger \_\_\_\_\_
- T. Gr. Wash \_\_\_\_\_
- T. Delaware Sand \_\_\_\_\_
- T. Bone Springs \_\_\_\_\_
- T. \_\_\_\_\_
- T. \_\_\_\_\_
- 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 Otzte \_\_\_\_\_
- T. Granite \_\_\_\_\_
- T. \_\_\_\_\_

### OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
 No. 2, from.....to.....

No. 3, from.....to.....  
 No. 4, 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.....

### LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
8000	9670	1670	DOLO	10400	10660	260	LS/SH
9670	9734	64	LS	10660	10760	100	DOLO
9734	9740	6	SH	10760	10800	40	LS
9740	10010	270	LS	10800	10820	20	DOLO
10010	10018	8	DOLO	10820	10870	50	SH
10018	10090	72	LS	10870	11200	330	LS/SH
10090	10110	20	DOLO	11200	11280	80	CHRT
10110	10120	10	LS	11280	11740	460	LS/SH/DOLO
10120	10140	20	SH	11740	12170	430	SS CHRT/LS/DOLO
10140	10360	220	LS/SH	12170	12200	30	SH
10360	10400	40	CHRT DOLO	12200	12692	492	SS/LS/SH
				12692			TD

Submit 3 Copies To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 811 South First, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised March 25, 1999

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

WELL API NO. 30025-34702
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

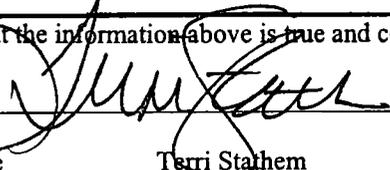
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> 2. Name of Operator CONCHO RESOURCES INC. 3. Address of Operator 110 W. LOUISIANA STE 410; MIDLAND TX 79701 4. Well Location Unit Letter <u>H</u> : <u>1650</u> feet from the <u>NORTH</u> line and <u>800</u> feet from the <u>EAST</u> line Section <u>15</u> Township <u>17S</u> Range <u>35E</u> NMPM <u>LEA</u> County	7. Lease Name or Unit Agreement Name:  SOUTH SHOE BAR '15' STATE
	8. Well No.  2
	9. Pool name or Wildcat VACUUM ATOKA MORROW NORTH
	10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3943' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

9-28-99 Spud well @ 2:00 PM MDT. RIH & set 13-3/8" csg @ 455'. Cmt w/ 445 sx C cmt.  
 10-9-99 RIH & set 8-5/8" csg @ 4965'. Cmt w/ 1250 sx C cmt.  
 11-3-99 RIH & set 5-1/2" csg @ 12689. Cmt w/ 1205 sx H cmt.  
 11-4-99 Bumped plug @ 5:00 am.  
 11-4-99 Release Rig @ 2:00 PM MST.  
 11-5-99 to 12-13-99 WOCU  
 12-13-99 MIRU. RIH w/ tbg.  
 12-16-99 MIRU WL. Set pkr @ 12539'. Perf @ 12582-12610 w/ 4 JSPF. RD.  
 12-17-99 Swabbing well.  
 12-29-99 MIRU & frac @ 12582-12610 w/ 44,814 gals 30# X Link Gel, 56,020# 20/40 carbo prop. RD. Start flow back. Well flowing on 14/64" ck est 2.3 MMCFPD. Tie in to gas sales line @ 12:00 noon.  
 1-2-00 IP @ 1876 MCF, 132 BO.

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

SIGNATURE  TITLE Production Analyst DATE 1/13/00  
 Type or print name Terri Stathem Telephone No. 915-683-7443

(This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 Conditions of approval, if any:

<b>South Shoe Bar '15' State No. 2</b>			<b>Working Interest</b>
<b>Working Interest Owners:</b>			
<b>Concho Resources Inc.</b>	<b>110 W. Louisiana, Ste 410</b>	<b>Midland, Tx 79701</b>	<b>0.45313</b>
<b>Boyd &amp; McWilliams Energy</b>	<b>550 W. Texas, Ste 704</b>	<b>Midland, Tx 79701</b>	<b>0.12500</b>
<b>John L. Cox</b>	<b>P O Box 2217</b>	<b>Midland, Tx 79702</b>	<b>0.37500</b>
<b>Alpine Oil Company</b>	<b>P O Box 2217</b>	<b>Midland, Tx 79702</b>	<b>0.04688</b>