

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

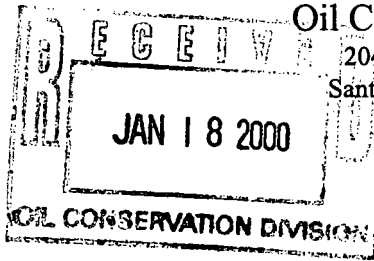
Oil Conservation Division

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 CONCHO RESOURCES INC. 110 W. LOUISIANA STE 410 MIDLAND, TX 79701							OGRID Number 166111	
Contact Party Terri Stathem							Phone 915-683-7443	
Property Name South Shoe Bar '15' State					Well Number 2		API Number 30025-34702	
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 9-28-99	Spud Time 2:00 PM MST	Date Completed 12-29-99	Pool VACUUM ATOKA MORROW, NORTH
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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:

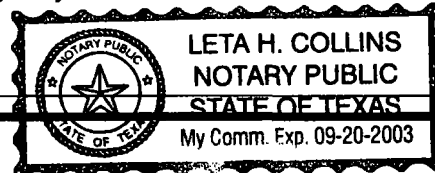
- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature [Signature] Title ENGINEER Date 1/12/00

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

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>[Signature]</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.)	
Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
Name of Operator CONCHO RESOURCES INC.	
Address of Operator 110 WEST LOUISIANA, SUITE 410, MIDLAND, TX 79701	
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	
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. ☒

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:

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 ☒ WORK ☐ PLUG ☐ DIFF. ☐
WELL ☒ OVER ☐ DEEPEN ☐ BACK ☐ RESVR. ☐ OTHER _____

2. Name of Operator
CONCHO RESOURCES INC.

7. Lease Name or Unit Agreement Name

SOUTH SHOE BAR '15' STATE

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	10. Date T.D. Reached	11. Date Compl. (Ready to Prod.)	12. Elevations (DF& RKB, RT, GR, etc.)	14. Elev. Casinghead
9-28-99	11-1-99	12-29-99	3943'GR	

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
12692	12660			xxxxxxxxxxxxxxxx	

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
					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	

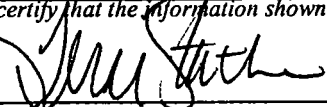
29. Disposition of Gas (Sold, used for fuel, vented, etc.)

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. _____
T. Salt _____	Canyon 11304 _____
B. Salt _____	T. Strawn 11702 _____
T. Yates _____	T. Atoka 11830 _____
T. 7 Rivers _____	T. Miss _____
T. Queen _____	T. Devonian _____
T. Grayburg _____	T. Silurian _____
T. San Andres 4800 _____	T. Montoya _____
T. Glorieta _____	T. Simpson _____
T. Paddock _____	T. McKee _____
T. Blinbry _____	T. Ellenburger _____
T. Tubb _____	T. Gr. Wash _____
T. Drinkard _____	T. Delaware Sand _____
T. Abo 8502 _____	T. Bone Springs _____
T. Wolfcamp 9696 _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	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.
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

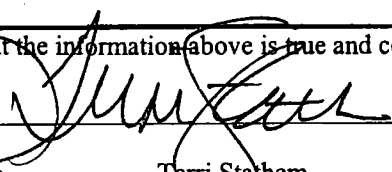
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator 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 LEA County	
10. Elevation (Show whether DR, 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 <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"/>	SUBSEQUENT REPORT OF: 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"/>

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:

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