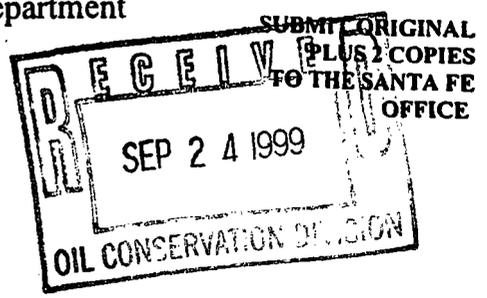


District I - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Form C-142  
Date 06/99



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 West Shugart '30' Federal				Well Number 4		API Number 30015-29427		
UL D	Section 30	Township 18S	Range 31E	Feet From The 660	North/South Line North	Feet From The 660	East/West Line West	County Eddy

II. Date/Time Information

Spud Date 6/17/99	Spud Time 7:00 PM	Date Completed 7/31/99	Pool Undes. Shugart Bone Spring North
----------------------	----------------------	---------------------------	--

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 )  
County of Midland ) ss.  
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: 9/22/99

SUBSCRIBED AND SWORN TO before me this 2nd day of September, 1999

LETA H. COLLINS  
NOTARY PUBLIC  
STATE OF TEXAS  
My Comm. No. SS-00000000; My Comm. Exp. 09-20-2003

[Signature]  
Notary Public

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>Mark Speer</u>	Title <u>P.E. Speer</u>	Date <u>OCT 1 1999</u>
--------------------------------	----------------------------	---------------------------

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: OCT 4 1999

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

PVZV2006631915

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
811 S. 1st Street  
Artesia, NM 88210-2834

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
Designation and Serial No.  
LC 028387-B

P. 2  
CISP

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation
2. Name of Operator CONCHO RESOURCES INC.	8. Well Name and No. West Shugart '30' Federal #4
3. Address and Telephone No. 110 W. LOUISIANA STE 410; MIDLAND TX 79701 (915) 683-7443	9. API Well No. 30015-29427
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL & 660' FWL, SEC. 30, T-18S, R-31E	10. Field and Pool, or Exploratory Area SHUGART WOLFCAMP WEST
	11. County or Parish, State EDDY

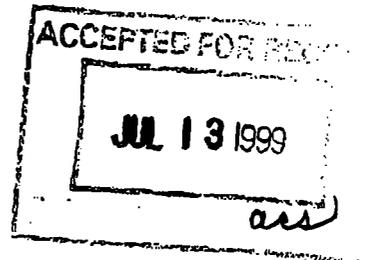
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>SPUD &amp; SET CSG</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Disposal Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

6-17-99 SPUD WELL @ 7:00 PM.  
 6-19-99 RIH & SET 13-3/8", 48#, STC H-40 SURFACE CSG @ 450'. CMT W/ 500 SX CLASS 'C' W/ 2% CaCl. CIRC 72 SX.  
 6-22-99 RIH & SET 8-5/8", 32#, LTC INTERMEDIATE CSG @ 2820.24'. CMT W/ 650 SX 35/65 POZ 'C' FOLLOWED BY 200 SX 'C' W/ 2% CaCl. CIRC 125 SX. BUMPED PLUG @ 6:30 MDT.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title PRODUCTION ANALYST Date 06/30/99

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

# OPERATOR'S COPY

Form 3160-5  
(June 1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**CONCHO RESOURCES INC.**

3. Address and Telephone No.  
**110 W LOUISIANA STE 410; MIDLAND TX 79701 (915) 683-7443**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**660' FNL & 660' FWL, SEC. 30, T-18S, R-31E**

5. Lease Designation and Serial No.  
**LC 029387B**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**West Shugart '30' Federal #4**

9. API Well No.  
**30015-29427**

10. Field and Pool, or Exploratory Area  
**Wildcat; Shugart SW Bone Spring**

11. County or Parish, State  
**Eddy**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>completion</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- 7-21-99 Perf Wolfcamp @ 9788-96', 9804-08' w/ 2 JSPF. Total 28 holes. RD WL. TIH w/ 5-1/2" pkr, SN & 2-7/8" tbg to 9810'. Pickle tbg w/ 500 gals 15% NEFE acid. Pull pkr to 9694' & rev set pkr & press annulus to 1000 psi. Acid perfs @ 9788-9808 w/ 1500 gals 15% NEFE acid. Flowed back & died. Begin swabbing. No Shows.
- 7-22-99 & 7-23-99 SI 12 hrs. Begin swabbing. Slight gas show.
- 7-24-99 Made 1swab run. Rel pkr & TOH w/ tbg & pkr. Set CIBP @ 9760'. Perf Wolfcamp @ 9720-30' w/ 2 JSPF. Total 22 holes. RD. SI.
- 7-26-99 SOH w/ kill string. RIH w/ trt pkr on 2-7/8" tbg.
- 7-27-99 Pkr @ 9730'. Load hole & spot 2 bbis 15% NEFE acid. Pull pkr to 9630' & rev 5 bbis. Set pkr. Acid perfs @ 9720-30' w/ 1000 gals 15% NEFE acid. Flush to btm perf. Open well & flowed back 24 bbis, died. Begin swabbing. No oil or gas show.
- 7-28-99 Made swab runs. No oil or gas show. Release pkr & TOH. Ran kill string.

PLEASE SEE ATTACHED PAGE 2 FOR COMPLETION INFORMATION

ACCEPTED FOR RECORD  
 PETER W. CHESTER  
*Peter W. Chester*  
**AUG 26 1999**  
 BUREAU OF LAND MANAGEMENT  
 ROSWELL RESOURCE AREA

14. I hereby certify that the foregoing is true and correct

Signed *[Signature]*

Title **PRODUCTION ANALYST**

Date **08/10/99**

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
 Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

**PAGE 2**  
**ATTACHMENT TO 3160-5**  
**WEST SHUGART '30' FEDERAL NO. 4**  
**COMPLETION: WILDCAT; SHUGART SW BONE SPRING**

07-29-99 RU WL. Set CIBP @ 9712'. Perf from 8190' - 8238' Bone Springs w/1 JSPF using 4" csg guns (total of 49 holes). Made 2 cmt bailer runs - 35' cmt on CIBP (PBSD 9677'). RD WL. TIH w/5-1/2" CST pkr on 257 jts 2-7/8" N-80 tbg to 8075'. ND BOP & NU WH. Set pkr @ 8075'. Load & test pkr to 500 psi.

07-30-99 SI 12 hrs. SITP 20 psi. Bled off. Swabbed to SN in 4 runs. IFL @ 3100' FS. SD 1 hr. Rec little or no fluid on last 2 runs. Rec total of 30 BBLS. No oil or gas show.

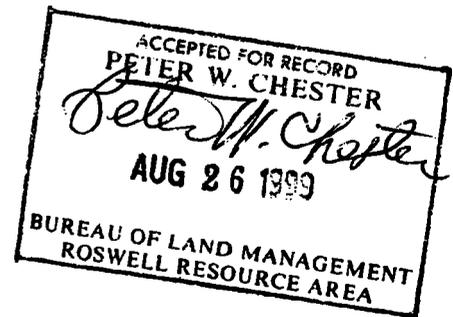
07-31-99 SI 11 hrs. SITP 0 psi. Made 1 swab run. FL @ 7500' FS. No oil show. RU Dowell. Rel pkr & run to 8138'. Spot 2 BBLS 15% NeFe acid across perms. Pulled pkr to 8075' & rev 5 BBLS. Set pkr & press annulus to 1000 psi. Acidized Bone Springs perms 8190' - 8238' w/4000 gals 15% NeFe acid. Dropped 72 ball sealers. Flushed to btm perf w/2% KCl water. FBD @ 2580 psi. Max press 6000# (ball out), avg press 3000#, Max rate 5 BPM, avg rate 4-1/2 BPM, ISIP 2100#, 5 min 1232#, 10 min 178#, 12 min on vac. Total load 178 BBLS. RD Dowell. Made 7 swab runs & well started flowing. IFL @ 1100' FFL @ 1900'. Rec 42 BBLS swabbing. Flowed 4 hrs on 27/64" ck. F T P 400#.

08-02-99 SI 11 hrs. SITP 850#. Opened well to 27/64" ck. F T P 410#. Flowed 6 hrs. Rec 195 BO & 19 BW. Last hr flowed 25 BBLS fluid.

08-03-99 SI 17 hrs. SITP 825#. Opened well to 27/64" ck. Flowed 2 hrs. F T P 420#. Rec 28 BO 1<sup>st</sup> hr & 36 BBLS 2<sup>nd</sup> hr. Very slight show of water.

08-05-99 Put on line @ 10:30 am. Well stabilized @ 540# FTP on a 14/64" ck. making an estimated 25 bbls. of fluid per hr. & 270 MCF/D.

*John Statham*



**Concho Resources Inc.  
Attachment to Form C-142**

**West Shugart '30' Federal No. 4**

**Working Interest Owners:**

<b><u>NAME</u></b>	<b><u>INTEREST PERCENTAGE</u></b>
S & P Company	.1125000
Concho Resources Inc.	.8875000

OPERATOR'S COPY

3160-4  
4992

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

6. LEASE DESIGNATION AND SERIAL NO.  
LC0293878

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
West Shurgart '30' Federal #4

9. API WELL NO.  
30015-29427

10. FIELD AND POOL, OR WILDCAT  
Wildcat; Shugart SW Bone Spring

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
30, T-18S, R-31E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
1b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR  Other \_\_\_\_\_

2. NAME OF OPERATOR  
CONCHO RESOURCES INC.

3. ADDRESS AND TELEPHONE NO.  
110 W LOUISIANA STE 410; MIDLAND TX 79701 (915) 683-7443

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 680' FNL & 680' FWL, Sec. 30, T-18S, R-31E. Unit Letter D  
At top prod. interval reported below same  
At total depth same

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH Eddy 13. STATE NM

15. DATE SPUNDED 06/17/99 16. DATE T.D. REACHED 07/09/99 17. DATE COMPL. (Ready to prod.) 07/31/99 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)\* 3621 GR 19. ELEV. CASINGHEAD 3621

20. TOTAL DEPTH, MD & TVD 40350/10349 21. PLUG, BACK T.D., MD & TVD 9877 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\* 8190-8238' Bone Spring 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN GR CNL CDL GR DLL MSFL 27. WAS WELL CORED No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8 H-80	48	478 450	17-1/2	500 sx CI C to Surf	0
8-5/8 J-55	32	2835 2820	11	850 sx CI C to Surf	0
5-1/2 N-80 & K-55	17	10369/10349	7-7/8	1135 sx CI C TOC @ 2976'	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	8075	8075

31. PERFORATION RECORD (Interval, size and number)  
9788-9808' = 21' X 21 holes ( 1 SPF) (CIBP @ 9677')  
9720-30' = 11' X 22 holes ( 2 SPF) (CIBP @ 9677')  
8190-8238' = 49' X 49 holes ( 1 SPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9788-9808	1500 gals 15% NEFE
9720-30	1000 gals 15% NEFE
8190-8238	4000 gals 15% NEFE
9712	CIBP set w/ 35' cmt on top @ 9677'

33. PRODUCTION

DATE FIRST PRODUCTION 08/01/99 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) flowing WELL STATUS (Producing or shut-in) producing

DATE OF TEST 08/06/99 HOURS TESTED 24 CHOKE SIZE 14/64 PROD'N FOR TEST PERIOD 223 OIL--BBL. 223 GAS--MCF. 213 WATER--BBL. GAS-OIL RATIO 955

FLOW. TUBING PRESS. 540 CASING PRESSURE pkr CALCULATED 24-HOUR RATE 223 OIL GRAVITY-API (CORR.) 39

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold

35. LIST OF ATTACHMENTS  
C102, Sundry, Dev. Survey, logs, letter for confidentiality

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Production Analyst DATE 08/09/99

ACCEPTED FOR RECORD  
PETER W. CHESTER  
AUG 27 1999  
BUREAU OF LAND MANAGEMENT  
KOSWELL RESOURCE AREA

\*See Instructions and Spaces for Additional Data on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Shugart 30 #4

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents of drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and recoveries):

of, cored intervals; and all shut-in pressures, and

Page 2

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
REDBED	SURF	522	
REDBED & ANHYDRITE	522	1864	
SALT & ANHYDRITE	1864	2782	
DOLOMITE & SAND	2782	5930	
LIME & SAND	5930	9720	
DOLOMITE & LIME	9720	9945	
SHALE & LIME	9945	10350	

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
PREMIER SAND	3942				
DELAWARE	4140				
BONE SPRING	5930				
FIRST BONE SPRING SS	7684				
SECOND BOND SPRING SS	8524				
THIRD BONE SPRING SS	9288				
WOLFCAMP	9720				
CISCO SHALE	10187				