8050 9770						
9//0						
10090						
10450						
LOGICAL MARKER	S	38. GE	LOGICAL MARKERS			
7		NAME	TOP			
MEAS. DEPTH	TRUE VERT, DEPTH		MEAS. DEPTH	TRUE VERT, DEPTI		
7			ТС	TRU		
	DLOGICAL MARKER	DLOGICAL MARKERS TOP TRUE	DLOGICAL MARKERS 38. GE	DLOGICAL MARKERS  38. GEOLOGICAL MARKERS  TOP  TRUE  NAME  MEAS. PERTU		

Form 3160-4 (July 1992)

SIGNED

## UNIT STATES SUBMIT IN DUPLIC.

DEPARTMENT OF THE INTERIOR

(See outer instructions on reverse side)

CONFIDENTIAL

**DATE** 10/16/00

C/5/

Expires: February 28, 1995

	5.	LEASE	<b>DESIGNATION AND SERIAL</b>	_ NC
--	----	-------	-------------------------------	------

06/21/00   08/14/00   09/13/00   09/13/00   3225'   3226'			BUREA	O OF LA	414D IVI	ANAGE	IVICINI			213	1415	·			NM	96822		
1. TYPE OF COMPLETION.    NAME OF OPERAL PRODUCTION   DEPT   PLOS   DEP	WELL CON	IPLE1	TION C	R RE	COM	1PLE	TION	RE	<b>OR</b>	ΤΑ	ND LE	G*	6. IF	INDIAN,			BE NAME	
1. FYPE OF COMPLETION:	12 TYPE OF WELL:		OIL		SAS 🔽			700	· · · ·			<u> </u>	<u> </u>				<del> </del>	
NEW   NO   OFEN   DEEP   DAKE   PROVIDED   PRODUCTION   PRODUCTIO		IION-	WEL	∟⊔ v	VELL 🔼	DF	8Y [_]		-8	3	€ <del>1</del>	- <del>22</del>	7. UI	IIT AGRE	EMEN	IT NAME		
NAME of OPERATOR   SPRING "PEDERAL #1   SPRING "P		WORK F	DEEF	)-	LUG	DIFF.	<u>"</u>	S.	•	()	-2							
SPRING 7 FECERAL #1						- 1- 0 C G N					8. FARM OR LEASE NAME, WELL NO.							
ADDRESS AND TELEPHONE NO   110 W. LOUISIANA STE 410; MIDLAND, TX 79701 (915) 683-7443   3001631236   10. HELD AND POOL, OR WILDCAT CATCLAW DRAW MORROW At surface 23705 FNIL & 2300' FEL			INC					14		S		(بغ				' FEDERAL	#1	
CATCLAW DRAW MORROW  11. SEC, T. R., M., OR BLOCK AND SURI  12. COUNTY OR PARISH  3202° FNL & 1856′ FEL  14. PERMIT NO.  DATE ISSUED  12. COUNTY OR PARISH  3202° FNL & 1856′ FEL  14. PERMIT NO.  DATE ISSUED  12. COUNTY OR PARISH  13. STATE  EDDY  NM  3202° FNL & 1856′ FEL  3208° JOHN LIPIEL COMPL.  4009/13/300  3225′ 3226′  3226′  3200° FNL & 1856′ FNL & 221° FNULTIPLE COMPL.  4009 FNL						<del> </del>			<u></u>	- 5	<b>*</b>	4	9. AF					
CATCLAW DRAW MORROW  11. SEC, T. R., M., OR BLOCK AND SURI  12. COUNTY OR PARISH  3202° FNL & 1856′ FEL  14. PERMIT NO.  DATE ISSUED  12. COUNTY OR PARISH  3202° FNL & 1856′ FEL  14. PERMIT NO.  DATE ISSUED  12. COUNTY OR PARISH  13. STATE  EDDY  NM  3202° FNL & 1856′ FEL  3208° JOHN LIPIEL COMPL.  4009/13/300  3225′ 3226′  3226′  3200° FNL & 1856′ FNL & 221° FNULTIPLE COMPL.  4009 FNL	110 W. LOUISIA	NA STE	410: MID	LAND, T	X 7970	1 (915)	683-74	43	E.Or			•/			3001	531236		
AL SURFACE 2375 FNL 2 2300 FEL AL 100 prod. Interval reported below 3200 FNL 2 1855 FEL 3202 FNL 2 1855 FEL 3203 FNL 2 1855 FEL 3203 FNL 2 1855 FEL 3205 FNL 2 2 1855 FEL 3205 FNL 2 2 1855 FNL 2 1855 FNL 2 1855 FNL 2				<del></del>					ıts)*	<b>∞8</b>	2163		10. F	IELD AN	D POC	L, OR WILD	CAT	
At top prod. Interval reported below 3200° FNL & 1856° FEL		· (		.,					,				(	CATCL	AW E	DRAW MO	RROW	
At total depth 3202* FNL & 1856* FEL															., M., (	OR BLOCK A	ND SURVI	
3202 FNL & 1856' FEL		1853' FE	L											SE	C 2, 1	Γ <b>-</b> 21S, R-2	5E	
5. DATE SPUDDED   16. DATE T.D. REACHED   17. DATE COMPL. (Roady to prod.)   18. ELEVATIONS (DF, RKG, RT, GE, ETC.)*   19. ELEV. CASINGINEAD 09/13/00   09/13/00   09/13/00   3225*   3225*   3225*   3225*   3225*   3225*   3225*   3225*   3225*   3225*   3225*   3226*	•					14. PER	MIT NO.			DATE	ISSUED		12. C	DUNTY C	R PAF	RISH 13. ST	ATE	
08/21/00   08/14/00   09/13/00   09/13/00   3325'   3226'	3202' FNL & 1	1856' FE	L										1				NM	
10 TOTAL DEPTH, MD & TVD	5. DATE SPUDDED	16. DATE	E T.D. REAC	HED 17	. DATE	COMPL. (	Ready to	prod.)	18.	ELEV	ATIONS (DE	, RKB, R	RT, GE, ETC.)* 19. ELEV. CASIN			IGHEAD		
10850'   10750'   HOW MANY'   DRILLED BY   XXX	06/21/00	08/14	1/00	- 1	09/13	/00					32	225'				3226	ı	
10830		& TVD	21. PLUG,		MD & T\	/D 22.			MPL.,				ROTA	RY TOO	LS	CABLE	TOOLS	
10568-10587' (MORROW)   SURVEY MADE   Yes											- DRILL	>		XXX			<u>-</u>	
27. WAS WELL CORED   SACKS CEMENT    SCREEN   Mo   Mo   Mo   Mo   Mo   Mo   Mo   M	10568-10587' (M	orrôw	<b>(</b> )	IPLETION-T	ор, вот	ITOM, NAM	ME (MD A	ND TVD	)*						2	SURVEY	MADE	
CASING RECORD   Report all strings set in well	10554-10544 (IVI		')													Ye	3	
CASING RECORD (Report all strings set in well)  CASING SIZE/GRADE   WEIGHT, LB.JFT.   DEPTH SET (MD)   HOLE SIZE   TOP OF CEMENT, CEMENTING RECORD   AMOUNT PULLE   13-3/8 H-40															27. 1		ORED	
ASSING SIZE/GRADE   WEIGHT, LB./FT.   DEPTH SET (MD)   HOLE SIZE   TOP OF CEMENT, CEMENTING RECORD   AMOUNT PULLE		HC SON	IC LATER	ROLOG N												No		
13-3/8   H-40	28.				CASIN	IG RECO	RD (Rep	ort all s	strings	set in	well)							
8-5/8 K-55   32   2170   12-1/4   650 SX POZ C/280 SX PREM PLUS - CIRC   0	CASING SIZE/GRADE	WEIG	HT, LB/FT.	DEP	TH SET (	(MD)	HOL	E SIZE TOP OF CEMENT, CEM				MENTING RECORD AMOUN				T PULLED		
S-1/2 J-55		-						17-1/2		300 SX HALIBURTON LITE/200				SX PREM PLUS - CIRC				
SIZE   TOP (MD)   BOTTOM (MD)   SACKS CEMENT*   SCREEN (MD)   SIZE   DEPTH SET (MD)   PACKER SET (MD																		
SIZE   TOP (MD)   BOTTOM (MD)   SACKS CEMENT*   SCREEN (MD)   SIZE   DEPTH SET (MD)   PACKER SET (MD	5-1/2 J-55		17		10850			7-7/8		1200 SX 'H' - TOC (		@ 1190'						
SIZE   TOP (MD)   BOTTOM (MD)   SACKS CEMENT*   SCREEN (MD)   SIZE   DEPTH SET (MD)   PACKER SET (MD				NED DEC	OPD						30.		TURIN	G PECC	חפת			
2-7/8   10509   10490	· · · · · · · · · · · · · · · · · · ·	TOP (MO)				SACKS CE	MENT*	SCDE	EN (MD	١		i				DACKED	SET (NE	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  10568-10587' (4 SPF - 59 TOTAL SHOTS) 10534-44 (4 SPF - 41 TOTAL SHOTS) 10534-44 (4 SPF - 41 TOTAL SHOTS)  23. **  PRODUCTION  DATE FIRST PRODUCTION  PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) PARE OF TEST HOURS TESTED CHOKE SIZE TEST PERIOD 10/08/00 24 20/64 TEST PERIOD 10/08/00 12/157 180 NA  14. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  SOLD 14. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 15. LIST OF ATTACHMENTS 15. C122, C104, SUNDRY, LETTER OF CONFIDENTIALITY	SIZE	IOF (IND)		OTTOW (IN		SACKS CL	.WILLIA I	JUNE	E14 (MID	<u>'</u>				•	υ,		<u>-</u>	
10568-10587' ( 4 SPF - 59 TOTAL SHOTS)   DEPTH INTERVAL (MD)   AMOUNT AND KIND OF MATERIAL USED											2-170	,		0303		- 1	J <del>43</del> 0	
DEPTH INTERVAL (MD)	1. PERFORATION RE	CORD (Int	erval, size a	nd number)	)			32.		AC	ID. SHOT.	FRACT	URE. C	EMENT	SQUI	EEZE, ETC.		
10534-44 (4 SPF - 41 TOTAL SHOTS)    10568-10587* & 10534-10544*   FRAC W/ 44000# 20/40 INTERPROP   USING 40# BINARY SYSTEM					5)			DE	PTH INT								SED	
USING 40# BINARY SYSTEM  DATE FIRST PRODUCTION  DATE FIRST PRODUCTION  O9/13/00  FLOWING  PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  PROD  OATE FIRST PRODUCTION  PRODUCTION  PRODUCTION  FLOWING  PROD'N FOR OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO  10/08/00  24  20/64  TEST PERIOD  0  2157  180  NA  1480  NA  AL DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  SOLD  S. LIST OF ATTACHMENTS  C122, C104, SUNDRY, LETTER OF CONFIDENTIALITY	10534-44 (4 SPF	- 41 TC	TAL SHO	OTS)														
PRODUCTION  DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  O9/13/00 FLOWING  DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR TEST PERIOD 0 2157 180 NA  FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 0 2157 180 NA  1480 SIZE CALCULATED 0 10-BBL. GASMCF. WATERBBL. OIL GRAVITY-API (CORR. 1480 NA  14. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  SOLD  SOLD  SIZE PROD'N FOR OILBBL. GASMCF. WATERBBL. OIL GRAVITY-API (CORR. 1480 NA  TEST WITNESSED BY  M. HULSE, CONCHO RESOURCES INC. 155. LIST OF ATTACHMENTS  C122, C104, SUNDRY, LETTER OF CONFIDENTIALITY										7 100 14	1		40# BINARY SYS					
DATE FIRST PRODUCTION   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pumping—size																		
DATE FIRST PRODUCTION   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pumpi																		
O9/13/00 FLOWING  DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR 10/08/00 24 20/64  FLOW. TUBING PRESS. CASING PRESSURE 24-HOUR RATE 0 24-HOUR RATE 0 2157 180 NA  14. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  SOLD  SOLD	33. *						PRODU	ICTION	1									
DATE OF TEST HOURS TESTED CHOKE SIZE 20/64 PROD'N FOR TEST PERIOD 0 2157 180 NA  FLOW. TUBING PRESS. CASING PRESSURE 24-HOUR RATE 0 0ILBBL. GASMCF. WATERBBL. GAS-OIL RATIO NA  1480 CALCULATED 24-HOUR RATE 0 2157 180 NA  14. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY M. HULSE, CONCHO RESOURCES INC.  15. LIST OF ATTACHMENTS  C122, C104, SUNDRY, LETTER OF CONFIDENTIALITY									,									
10/08/00 24 20/64 TEST PERIOD 0 2157 180 NA  FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 0 0 2157 180 NA  1480 2157 180 NA  14. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  SOLD  15. LIST OF ATTACHMENTS  C122, C104, SUNDRY, LETTER OF CONFIDENTIALITY													snut-in)			PRO	סכ	
10/08/00 24 20/64 0 2157 180 NA  FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 0 2157 180 NA  1480 14. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  SOLD TEST WITNESSED BY  M. HULSE, CONCHO RESOURCES INC.  10/08/00 2157 180 NA  TEST WITNESSED BY  M. HULSE, CONCHO RESOURCES INC.  10/08/00 180 NA  10/08/00 NA	DATE OF TEST	HOURS	TESTED															
1480  24-HOUR RATE 0 2157  180  NA  14. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  SOLD  SOLD  S. LIST OF ATTACHMENTS  C122, C104, SUNDRY, LETTER OF CONFIDENTIALITY		- ·																
1480 0 2157 180 NA  14. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  SOLD  SOLD	LOW. TUBING PRESS.	2						1	1				-BBL. C		OIL (			
SOLD  M. HULSE, CONCHO RESOURCES INC.  15. LIST OF ATTACHMENTS  C122, C104, SUNDRY, LETTER OF CONFIDENTIALITY	1480				<b>-&gt;</b>					2157			180 NA			NA		
C122, C104, SUNDRY, LETTER OF CONFIDENTIALITY		AS (Sold,	used for fue	el, vented, e	etc.)								TEST	WITNESS	SED B	Y		
C122, C104, SUNDRY, LETTER OF CONFIDENTIALITY	· · · · · · · · · · · · · · · · · · ·	- LITA								<b></b>			M. HL	JLSE, CO	DNCH	O RESOURC	ES INC.	
				-6														
RE I hereby contributing the torgramming and attached information is complete and correct as determined from all available records	·			<i>r</i>													···-	

TITLE PRODUCTION ANALYST