HO. OF COPIES RECEIV						For	rm C+105
DISTRIBUTION		Re	Revised 11-1-x				
SANTA FE		NEW	MEXICO OIL	CONSERVATION	A COMMISSION	Su. Ind	licate Type of Lease
FILE		WELL COMPL	ETION OR F	RECOMPLETIO	N REPORT AND LO	)G Sta	ite Tee X
U.S.G.S.						5. Stat	e Oil & Gas Lease No.
LAND OFFICE							
OPERATOR						7777	
IG. TYPE OF WELL						7. Unit	Agreement Name
	011	LL X GAS	L DRY				Traine
b. TYPE OF COMPLE	TION	WEL WEL	LL DRY	TLL OTHER_		- Em	n or Lease Name
WELL X WO	RK DEEP	PLUC BACK				- 1	
2. Name of Operator	3665	BACI	ESVR.	OTHER			VIERSEN
PENNZOIL COM	ΜΡΔΝΥ					9. Well	
3. Address of Operator	11 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7						3
P.O. DRAWER	1828 MTF	LAND, TX 7	0702 1020			10. Fie	eld and Poel, or Wildeat
4. Location of Well	1020 1111	CAND, IX /	9/02-1020				SHIPP STRAWN
^		150	<b>C</b> -	. 1			
UNIT LETTERO	LOCATED	13U FEET	FROM THE	UTN LINE AND		( <i>\\\\</i>	
Eact	4	170	275			72.300	enty (1)
THE East LINE OF	SEC. 4	TWP. 1/3 R	<sub>εε.</sub> 3/Ε ,	WAN !		// Li	EA ()
13. Date Spaded	16. Date T.D.	Heached 17. Date	Compl. (Ready	to Prod.)   18. E	Sievations (DF, RKB, RT	, GR. eic.)	19. Elev. Cashinghead
1-1-87	2-2-8/	' l	2-15-87		3774.6 GR		
	ı	ug Back T.D.	22. If 14t	ultiple Compl., Hov	23. Intervals , Ro Drilled By	tary Tools	, Cable Tools
11,240'	1	1,239'		•	Drilled By	0-1124	0
24, Producing Interval(			m, Name				25. Was Directional Survey
11,067' to	l1,090' Str	awn					Made Mectional Survey
							Yes
25. Type Electric and C							
CDL/CNL, DL	_L/MSFL					2	7. Was Well Cored
28.	· · · · · · · · · · · · · · · · · · ·	<u> </u>					Yes
20.		CA	SING RECORD	(Report all strings	sat in wall)		
CASING SIZE	WEIGHT LB			(Report all strings	<del></del>		
CASING SIZE	WEIGHT LB	/FT. DEPT	H SET	HOLE SIZE	CEMENTING R	CORD	AMOUNT PULLED
CASING SIZE 13-3/8	48#	./FT. DEPT	н set .05	17-1/2	CEMENTING RE	ECORD	
CASING SIZE 13-3/8 8-5/8	48#	7FT. DEPT 4 44 41	H SET .05 .89	17-1/2 11	630 sx. 1450 sx.	CORD	
CASING SIZE 13-3/8	48#	./FT. DEPT	H SET .05 .89	17-1/2	CEMENTING RE	ECORD	
CASING SIZE 13-3/8 8-5/8 5-1/2	28# & 2 17#	24# 41 112	H SET .05 .89	17-1/2 11	630 sx. 1450 sx.	ECORD	
CASING SIZE  13-3/8  8-5/8  5-1/2  29.	28# & 2 17#	./FT. DEPT 4 24# 41 112 INER RECORD	H SET	17-1/2 11 7-7/8	630 sx. 1450 sx.	ECORD TUBING F	AMOUNT PULLED
CASING SIZE 13-3/8 8-5/8 5-1/2	28# & 2 17#	24# 41 112	H SET .05 .89	17-1/2 11 7-7/8	630 sx. 1450 sx. 350 sx.		AMOUNT PULLED
CASING SIZE  13-3/8  8-5/8  5-1/2	28# & 2 17#	./FT. DEPT 4 24# 41 112 INER RECORD	H SET	17-1/2 11 7-7/8	630 SX. 1450 SX. 350 SX.	TUBING F	AMOUNT PULLED
CASING SIZE  13-3/8  8-5/8  5-1/2  29.  SIZE	48# 28# & 2 17#	AFT. DEPT. 4 44 41 112 INER RECORD BOTTOM	H SET	17-1/2 11 7-7/8	630 SX. 1450 SX. 350 SX.	TUBING F	AMOUNT PULLED
CASING SIZE  13-3/8  8-5/8  5-1/2  29.	48# 28# & 2 17#	AFT. DEPT. 4 44 41 112 INER RECORD BOTTOM	H SET	17-1/2 11 7-7/8	630 sx. 1450 sx. 350 sx.  sc. size 2-7/8	TUSING F	AMOUNT PULLED  RECORD  PACKER SET
CASING SIZE  13-3/8  8-5/8  5-1/2  29.  SIZE  31. Perforation Record (	48# 28# & 2 17# TOP	AFT. DEPT. 4 44 41 112 INER RECORD BOTTOM	H SET	17-1/2 11 7-7/8 NT SCREEN	630 sx. 1450 sx. 350 sx.  size 2-7/8  ACID, SHOT, FRACTURE	TUBING F DEPTH SET 11,160	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.
CASING SIZE  13-3/8 8-5/8 5-1/2  29.  SIZE  31. Perforation Record (11,067-69) (5	48# 28# & 2 17# 170P 170P 170P 170P 170P 170P 170P 170P	AFT. DEPT. 4 44 41 112 INER RECORD BOTTOM	H SET	17-1/2 11 7-7/8 NT SCREEN	CEMENTING RE 630 SX. 1450 SX. 350 SX.  SIZE 2-7/8  ACID, SHOT, FRACTURE NTERVAL AM	TUBING FOR THE SET IT, 160°	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED
CASING SIZE  13-3/8 8-5/8 5-1/2  29.  SIZE  31. Perforation Record (	48# 28# & 2 17# 170P 170P 170P 170P 170P 170P 170P 170P	AFT. DEPT. 4 44 41 112 INER RECORD BOTTOM	H SET	17-1/2 11 7-7/8 NT SCREEN	30. SIZE 2-7/8 ACID, SHOT, FRACTURE NTERVAL AM 11,090 1000	TUBING FOR THE PROPERTY OF THE	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL
CASING SIZE  13-3/8 8-5/8 5-1/2  29.  SIZE  31. Perforation Record (11,067-69) (5	48# 28# & 2 17# 170P 170P 170P 170P 170P 170P 170P 170P	AFT. DEPT. 4 44 41 112 INER RECORD BOTTOM	H SET	17-1/2 11 7-7/8 NT SCREEN	30. SIZE 2-7/8 ACID, SHOT, FRACTURE NTERVAL AM 11,090 1000	TUBING FOR THE PROPERTY OF THE	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED
CASING SIZE  13-3/8 8-5/8 5-1/2  29.  SIZE  31. Perforation Record (11,067-69) (5	48# 28# & 2 17# 170P 170P 170P 170P 170P 170P 170P 170P	AFT. DEPT. 4 44 41 112 INER RECORD BOTTOM	H SET	17-1/2 11 7-7/8 NT SCREEN	30. SIZE 2-7/8 ACID, SHOT, FRACTURE NTERVAL AM 11,090 1000	TUBING FOR THE PROPERTY OF THE	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL
CASING SIZE  13-3/8 8-5/8 5-1/2  29.  SIZE  31. Perforation Record (11,067-69 (5)11,078-90 (2)  33.	48# 28# & 2 17# 170P 170P 170P 170P 170P 170P 170P 170P	AFT. DEPT. 4 44 41 112 INER RECORD BOTTOM	SACKS CEME	17-1/2 11 7-7/8  NT SCREEN  32. A DEPTH I 11,067-	30. SIZE 2-7/8 ACID, SHOT, FRACTURE NTERVAL AM 11,090 1000	TUBING FOR THE PROPERTY OF THE	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL
CASING SIZE  13-3/8 8-5/8 5-1/2  29.  SIZE  31. Perforation Record (11,067-69 (5)11,078-90 (2)  33.	48# 28# & 2 17#  TOP  (Interval, size and 5 holes) 25 holes)	AFT. DEPT 4 4 112 INER RECORD BOTTOM d number)	SACKS CEME	17-1/2 11 7-7/8  NT SCREEN  32. A DEPTH I 11,067-	SIZE   SIZE   SIZE   CONTINUE   CONTINUE	TUBING FOR THE SET IT, 160'  E. CEMENT OUNT AND O gals.  ) gals.	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL  20% HCL
CASING SIZE  13-3/8 8-5/8 5-1/2  29.  SIZE  31. Perforation Record (11,067-69) (5	48# 28# & 2 17#  TOP  (Interval, size and 5 holes) 25 holes)	INER RECORD BOTTOM d number)	SACKS CEME	17-1/2 11 7-7/8  NT SCREEN  32. A DEPTH I 11,067-  RODUCTION rumping — Size and	630 SX. 630 SX. 1450 SX. 350 SX.  SIZE 2-7/8  ACID, SHOT, FRACTURINTERVAL AM 11,090 1000 7500	TUBING FOR THE SET IT, 160°  E. CEMENT OUNT AND	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL  20% HCL
29.  SIZE  31. Perforation Record (11,067-69 (5,11,078-90 (2,2))	48# 28# & 2 17#  TOP  (Interval, size and 5 holes) 25 holes)	INER RECORD BOTTOM d number)	SACKS CEME	17-1/2 11 7-7/8  NT SCREEN  32. A DEPTH I 11,067- RODUCTION Pumping — Size and 4" x 32' Ins	CEMENTING R:   630 SX.   1450 SX.   350 SX.   350 SX.     30.	TUBING FOR	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL  20% HCL  Retus (Prod. or Shut-in)  Producing
29.  31. Perforation Record (11,067-69 (5) 11,078-90 (2) 23.  Cotte First Production 2-16-87	48# 28# & 2 17#  TOP  (Interval, size an object) 25 holes)  Produ	INER RECORD BOTTOM d number)  action Method (Flor	PF wing, gas lift, p  2" x 1 1/4	17-1/2 11 7-7/8  NT SCREEN  32. A DEPTH I 11,067-  RODUCTION numping - Size and 4" x 32' Ins Oll - Bbl.	SIZE	TUBING FOR	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL  20% HCL  Retus (Prod. or Shut-in)  Producing  Gas—Oil Ratio
29.  SIZE  31. Perforation Record (  11,067-69 (5) 11,078-90 (2)  33.  Cate First Production 2-16-87  Date of Test 4-3-87	48# 28# & 2 17#  TOP  Interval, size and 5 holes) 5 holes) Production P	INER RECORD BOTTOM  d number)  section Method (Floring 2 1/ Choke Size	SACKS CEME  SACKS CEME  Proving, gas lift, p  2" x 1 1/4  Prod'n. For Test Period	17-1/2 11 7-7/8  NT SCREEN    32.	SIZE	TUBING FOR	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL  20% HCL  Ratus (Prod. or Shut-in)  Producing  Gas—Oil Ratio  190
29.  31. Perforation Record (  11,067-69 (5  11,078-90 (2)  33.  Cate First Production  2-16-87  Date of Test	A8# 28# & 2 17#  TOP  Interval, size and the	INER RECORD BOTTOM  d number)  section Method (Floring 2 1/ Choke Size	SACKS CEME  SACKS CEME  SACKS CEME  Proving, gas lift, p  2" X 1 1/4  Prod'n. For Test Period  Oil — Bbl.	17-1/2 11 7-7/8  NT SCREEN    32.	SIZE   SIZE   SIZE   C-7/8   SIZE	TUBING FOR	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL  20% HCL  Ratus (Prod. or Shut-in)  Producing  Gas—Oil Ratio  190  Oil Gravity — API (Corr.)
29.  31. Perforation Record (2)  11,067-69 (5)  11,078-90 (2)  33.  Date First Production 2-16-87  Date of Test 4-3-87  Flow Tubing Press.	A8# 28# & 2 17#  TOP  Interval, size and person per	INER RECORD BOTTOM  d number)  cutton Method (Floring 2 1/ Choke Size  Calculated 24 Hour Rate	SACKS CEME  SACKS CEME  Proving, gas lift, p  2" x 1 1/4  Prod'n. For Test Period	17-1/2 11 7-7/8  NT SCREEN    32.	SIZE   SIZE   SIZE   Part	TUBING FOR THE SET TO	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL  20% HCL  Retus (Prod. or Shut-in)  Producing  Gas—Oil Ratio  190  Oil Gravity — API (Corr.)  36.2
29.  31. Perforation Record (  11,067-69 (5)  11,078-90 (2)  33.  Date First Production  2-16-87  Date of Test  4-3-87  Flow Tubing Press.	A8# 28# & 2 17#  TOP  Interval, size and the holes) Sholes holes Production P	INER RECORD BOTTOM  d number)  cutton Method (Floring 2 1/ Choke Size  Calculated 24 Hour Rate	SACKS CEME  SACKS CEME  SACKS CEME  Proving, gas lift, p  2" X 1 1/4  Prod'n. For Test Period  Oil — Bbl.	17-1/2 11 7-7/8  NT SCREEN    32.	SIZE   SIZE   SIZE   Part	TUBING FOR TUBING FOR THE SET TO THE SET TUBING FOR TUBING FOR THE SET TUBING FOR THE SET TUBING FOR THE SET TUBING FOR TUBING FOR THE SET TUBING FOR TUBING	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL  20% HCL  Retus (Prod. or Shut-in)  Producing  Gas—Oil Retio  190  Oil Gravity — API (Corr.)  36.2
29.  31. Perforation Record (  11,067-69 (5)  11,078-90 (2)  33.  Date First Production  2-16-87  Date of Test  4-3-87  Flow Tubing Press.  34. Disposition of Gas (  Flared durin	A8# 28# & 2 17#  TOP  Interval, size and the holes) Sholes holes Production P	INER RECORD BOTTOM  d number)  cutton Method (Floring 2 1/ Choke Size  Calculated 24 Hour Rate	SACKS CEME  SACKS CEME  SACKS CEME  Proving, gas lift, p  2" X 1 1/4  Prod'n. For Test Period  Oil — Bbl.	17-1/2 11 7-7/8  NT SCREEN    32.	SIZE   SIZE   SIZE   Part	TUBING FOR TUBING FOR THE SET TO THE SET TUBING FOR TUBING FOR THE SET TUBING FOR THE SET TUBING FOR THE SET TUBING FOR TUBING FOR THE SET TUBING FOR TUBING	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL  20% HCL  Retus (Prod. or Shut-in)  Producing  Gas—Oil Ratio  190  Oil Gravity — API (Corr.)  36.2
29.  SIZE  31. Perforation Record (  11,067-69 (  11,078-90 (  2-16-87  Date of Test  4-3-87  Flow Tubing Press.  34. Disposition of Gas (  Flared durin  35. List of Attachments	A8# 28# & 2 17#  TOP  Interval, size and 5 holes) 5 holes Production Phours Tested 24 Casing Pressur Sold, used for fuels	INER RECORD BOTTOM  d number)  action Method (Flow Choke Size  Calculated 24 Hour Rate  cl. vented, etc.)	PF wing, gas lift, p 2" x 1 1/4 Prod'n. For Test Period - Oil - Bbl 116	17-1/2 11 7-7/8  NT SCREEN    32.	SIZE   SIZE   SIZE   Part	TUBING FOR TUBING FOR THE SET TO THE SET TUBING FOR TUBING FOR THE SET TUBING FOR THE SET TUBING FOR THE SET TUBING FOR TUBING FOR THE SET TUBING FOR TUBING	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL  20% HCL  Retus (Prod. or Shut-in)  Producing  Gas—Oil Retio  190  Oil Gravity — API (Corr.)  36.2
29.  SIZE  31. Perforation Record (  11,067-69 (5) 11,078-90 (2)  33.  Cate First Production 2-16-87  Date of Test 4-3-87  Flow Tubing Press.  34. Disposition of Gas (  Flared durin 35. List of Attachments Logs, DST Su	A8#  28# & 2  17#  TOP  Interval, size and behales)  5 holes)  Product Phours Tested 24  Casing Pressur  Sold, used for funding test  Immary, Dir	INER RECORD BOTTOM  d number)  action Method (Flow Choke Size  Calculated 24 Hour Rate  cl. vented, etc.)	PF wing, gas lift, p 2" x 1 1/4 Prod'n. For Test Period - Oil - Bbl 116	17-1/2   11   7-7/8	SIZE	TUBING FOR THE SET TO THE SET TO THE SET THE SET TO THE SET TH	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL  20% HCL  Retus (Prod. or Shut-in)  Producing  Gas—Oil Ratio  190  Oil Gravity — API (Corr.)  36.2  Ed By  Atkins
29.  SIZE  31. Perforation Record (  11,067-69 (5) 11,078-90 (2)  33.  Cate First Production 2-16-87  Date of Test 4-3-87  Flow Tubing Press.  34. Disposition of Gas (  Flared durin 35. List of Attachments Logs, DST Su	A8#  28# & 2  17#  TOP  Interval, size and behales)  5 holes)  Product Phours Tested 24  Casing Pressur  Sold, used for funding test  Immary, Dir	INER RECORD BOTTOM  d number)  action Method (Flow Choke Size  Calculated 24 Hour Rate  cl. vented, etc.)	PF wing, gas lift, p 2" x 1 1/4 Prod'n. For Test Period - Oil - Bbl 116	17-1/2   11   7-7/8	SIZE   SIZE   SIZE   Part	TUBING FOR THE SET TO THE SET TO THE SET THE SET TO THE SET TH	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL  20% HCL  Retus (Prod. or Shut-in)  Producing  Gas—Oil Ratio  190  Oil Gravity — API (Corr.)  36.2  Ed By  Atkins
29.  SIZE  31. Perforation Record (  11,067-69 (5) 11,078-90 (2)  33.  Cate First Production 2-16-87  Date of Test 4-3-87  Flow Tubing Press.  34. Disposition of Gas (  Flared durin 35. List of Attachments Logs, DST Su	A8#  28# & 2  17#  TOP  Interval, size and the holes)  Sold, used for funding test  Immary, Direct the information selection of the selection of the information	INER RECORD BOTTOM  d number)  action Method (Flow Choke Size  Calculated 24 Hour Rate  cl. vented, etc.)	PF wing, gas lift, p 2" x 1 1/4 Prod'n. For Test Period - Oil - Bbl 116	17-1/2   11   7-7/8	SIZE	TUBING FOR THE SET TO THE SET TO THE SET THE SET TO THE SET TH	AMOUNT PULLED  RECORD  PACKER SET  SQUEEZE, ETC.  KIND MATERIAL USED  15% NeFe HCL  20% HCL  Retus (Prod. or Shut-in)  Producing  Gas—Oil Ratio  190  Oil Gravity — API (Corr.)  36.2  Ed By  Atkins

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be a compatited by one copy of all electrical and radio-activity loss 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 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Hule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

	•	South	eastern	New Mexic	co				Northwes	stem Ne	w Mexico
- A ·	20	131	т	Cansun	10.771	т	Oio Al.	a mo		Т.	Penn. "B"
r c	T Strawn 11,042			т.	T. Kirtland-Fruitland				Penn. "C"		
i, sait			т	Atoka	11,216	T.	Picture	d Cliffs		Т.	Penn. "D"
	2.2	201	1.	Mise		— т.	Cliff H	ouse		т.	Leadville
I. Yates	Yates T. Miss T. Devonian				r	T Menefee				Madison	
T. Queen T. Silurion T. Graybure T. Montoya				T. Point Lookout				т.	T. Elbert T. McCracken T. Ignacio Qtzte		
			1.	T. Montoya			T. Gallup				
			i.	Filophyroer		\r T	T Dakota				Т
T. Paddo	T. Ellenbu			C. Wach	T. Manison				т		
	Blinebry T. Gr. Wash T. Granite				— I. Т	Todily	`		т		
T. Tubb	0.0										
T. Drink	90										
r. Abo _	90	918	T.	Bone Spn	ings	l.	wing at	·		т	
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				FORMATI	ON RECORD (Att	ach ad	lditional	sheets i	fnecessory	·) ————	, p
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.,. .,	1 50	<b>学</b> 。									

VIERSEN NO. 3
150' FSL & 2080' FEL
SECTION 4, T-17-S, R-37-E
LEA COUNTY, NEW MEXICO

## DRILL STEM TEST SUMMARY

DST #1 11,055' to 11,098' Strawn

5 minute pre-flow, very weak blow, increasing to fair blow - 60 minute ISIP - 60 minute FFP - 180 minutes FSIP, no gas to surface.

IHP 5194 psi, IFP 57-57 psi, ISIP 1357 psi,
FFP 69-95 psi, FSIP 1543 psi, FHP 5206 psi.

Recovered 1/2 bbl. mud with show of oil in drill collars - sampler recovery had  $0.43\ cf$  gas,  $180\ cc$  oil &  $560\ cc$  mud, BHT  $164\ degrees$ .