

## **Production Department**

Western Hemisphere Petroleum Division Continental Oil Company 152 North Durbin Casper, Wyoming 82601 (307) 234-7311

November 18, 1971

New Mexico Oil Conservation Commission 1000 Rio Brazos Road Aztec, New Mexico 87410

Gentlemen:

Deviation Surveys Jicarilla 28 No. 11

Rio Arriba County, New Mexico

File: DO-410-CF

The following deviation surveys were run on Jicarilla 28 No. 11, located Unit Letter B, 930' FNL, 2040' FEL, Section 33, T25N, R5W, Rio Arriba County, New Mexico:

Deviation Angle	Depth (ft.)	Deviation Angle	Depth (ft.)
1/4 degree	90	1 1/4	4269
1/4	240	1	4544
1/2	729	3/4	4844
1/2	1230	3/4	5328
2	1730	1	6180
2	2230	3/4	6455
1 1/2	2478	1	6782
2	2975	1	7276
1 1/4	3100	1	7560
1 1/4	3035		

The above information is current and true to the best of my knowledge.

Very truly yours,

J. A. Ubben

Administrative Supervisor

1p

Signed and subscribed before me

this <u>/9</u> day of \_\_\_\_\_, 1971.

Notary

My Commission Expires Dec 20, 1974)

C-104 form will follow when potential test is obtained.

NOV 22 1971 OIL CON. COM. DIST. 3

35. LIST OF ATTACHM								<del></del>		
Sold to El										3. Errett
34. DISPOSITION OF GA	8 (Sold used for			50		165			O TEST WITNESS	45.7
PLOW. TUBING PRESS.	CASING PRESSUI	RE CALCULATED	OIL—E	B3L.	GAS-	MCF.		WATER-		OIL GRAVITY-API (CORR.)
12-18-71	24			PERIOD	50		16		95 BLW	
11-20-	71   P	CHOKE SIZE	PROD'N	N. FOR	OIL-BBL.		GAS-NO	F.	WATER-BBL.	Producing
DATE FIRST PRODUCTIO		UCTION METHOD (	Flowing, ge	ae lift, pu	imping—eize	and t	ype of pun	ip)	WELL S	
33.*				PRGE	UCTION					
				-	Dakota			•	100 gal. 1 1-20 sand	% KC1 wtr, 84,800#
7289-91(2),					<u> </u>	<del></del>			0-20 sand	9 VC1 0/. 200#
35(2), 7390-	94(3). 731	5-21(4), 7	296-73	04(5)	Gallup	**				% KC1 wtr, 61,000#
Gallup - 2 si 40. Dakota	nots/It. b _ 7493_98/	9474 <b>-</b> 77, 04 '3 <b>), 7474-</b> 8	18 (8) <sub>-</sub> '	7433 <b>-</b>		ERVAI	L (MD)			OF MATERIAL USED
31. PERFORATION RECO	ORD (Interval, si	ze and number)	6/-71	6/13/1	32.	AC	ID, SHOT,	FRACT	TURE, CEMENT	SQUEEZE, ETC.
			-				2 3/3	D	1231	
SIZE	TOP (MD)	BOTTOM (MD)	SACES CE	MENT*	SCREEN (M)	)	2 3/8	_	7257 T	PACKER SET (MD)
29.	<del></del>	LINER RECORD					30.		TUBING RECO	<del> </del>
							,∪_Sax		W L •	
4 1/2"	10.57F	7562	-	7	7_7/8''	i	00_sax			
8 5/8"	24# 10.5#			12	2 1/4"		50 sax		s "A" 0 Poz "A"	
CASING SIZE	WEIGHT, LB./				E SIZE			ENTING		AMOUNT PULLED
<b>2</b> 8.					ort all strings	set i		P Nm×N/c	DECORD	
FDC-GR, GF										No
Gallup 643	34-6477',	NEP 13'	Dako	ota /2	284-7493	, [	AUL OU		1:	Yes 27. WAS WELL CORED
	و مستقدم ور	40*		70	10/ 7/02	! >	መኮ ደሰ1	t .		Voc
24. PRODUCING INTERV	AL(S), OF THIS		P, BOTTOM,	NAME (M						25. WAS DIRECTIONAL SURVEY MADE
75601		75281		HOW MA	Two		DRIL	LED BY	Rotary	
10-23-71   20. TOTAL DEPTH, MD &	11-5-7 TVD   21. PLUG	G, BACK T.D., MD &		IF MULT	TIPLE COMPL.,		1 GR .	RVALS	ROTARY TOOL	S CABLE TOOLS
1	16. DATE T.D. R	_	E COMPL. (		proa.) 18.				RT, GR, ETC.)*	19. ELEV. CASINGREAU
	16	7.6UPD   17 5:-		Dander to	nrod)				Rio Arr	iba New Mexico 19. ELEV. CASINGHEAD
			14. PER	MIT NO.		DATE	ISSUED		12. COUNTY OF PARISH	R 13. STATE
At total depth			3	. :						, T25N, R4W
At top prod. inter	rval reported bel	low			*				47	
At surface	9	30' FNL, 2	040° F	EL ("E	3") 🗆				11. SEC., T., R. OR AREA	, M., OR BLOCK AND SURVEY
4. LOCATION OF WELL	(Report location	on clearly and in	accordance	with any	State requir	ement	8)*		1	& Dakota , M., OR BLOCK AND SURVEY
	1	52 North D	urbin.	Caspe	er. Wvom:	ing	82601	Ĺ	10. FIELD AND	POOL, OR WILDCAT rith - Undesignated
3. ADDRESS OF OPERA	C C	ontinental	Oil Co	ompany	<u> </u>	F	1ST. 3	_	J Bab	11
2. NAME OF OPERATO			,				ON. CO	JIVI.	Jicaril 9. WELL NO.	la 28
WELL X	WORK DEE	P- PLUG BACK	DIFF.		Other L				S. FARM OR L	EASE NAME
L TYPE OF COMP	LETION:				N	AR	1 5 19	72		
1a. TYPE OF WELL		L X GAS WELL			Other		<u>i i . i . i</u>		Jicaril 7. UNIT AGREE	la Apache
WELL CON	APLETION	OR RECO	MPLETI	ON R	EPORT	AN	D LOC	162		ALLOTTEE OR TRIBE NAME
:		GEOLOGIC	AL SUF	<b>HVEY</b>		سار مدم	-12			t No. 66
		MENT O			TERIOF	2	struct	ions on se side)	5. LEASE DES	IGNATION AND SERIAL NO.
(Rev 5–63)		UNITED					DUPLICA (See o	TE • ther in-		orm approved. udget Bureau No. 42-R355.5.
								D0 77 4		

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

TITLE Administrative Supervisor

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

or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not fied prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

114 there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State should be listed on this form, see item 35.

or Federal office for specific instructions.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 29: "Sacka ("cment": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	<b>10P</b>	BOTTOM		DESCRIPTION, CONTENTS, ETC.	rc	-	TOP	P
						YANE	MEAS, DEFTH	TRUE VERT. DEPTH
Pictured Cliffs	3072	3162	Sandstone			Pictured Cliffs	3072	
Chacra	3944	4012	=			Chacra	3944	
Mesaverde	4744	5418	:	4. 	• 5	Mesaverde	4744	
Gallup	6302	6512	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			Mancos	5430	
Dakota	7276	7565	2		4.	Gallup	6302	
						Graneros	7258	
:					•	Dakota	7276	
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	DISTRIBUTION				NEW MEX	ICO OIL C	ONSERVA	TION COMM	NOISSIN		n C-104	
ŀ	SANTA FE				R	EQUEST		OWABLE		Sup Effe	ersedes Old ( ective 1-1-65	C-104 and C-11
	U.S.G.S.	<del>                                     </del>		-" A 1 14-1 14	017 LTIO		AND	011 4440				
ŀ	LAND OFFICE			AUTHO	JRIZATIO	N IO IKA	NSPOR I	OIL AND	NATURAL C	AS.		$yy_{11}$
ŀ	OIL	17	$\dashv$									2.
-	TRANSPORTER GAS	1										<u> </u>
	OPERATOR	17	$\neg$								1	i i
1.	PRORATION OFFICE											
	Operator											
		ntal	Oi	1 Compan	У						<u> </u>	
ı	Address			_		2262	•					
	152 No. Reason(s) for filing (Check)			. Casper	, Wyomin	g 8250		Other (Pleas	e explain)	<del>-,</del>		
	New Well	, opc.	<b></b> ,	Change is	n Transporter	of:		• · · · · · · · · · · · · · · · · · · ·				
-	Recompletion			OII		Dry Ga	. 🗆					
	Change in Ownership			Casinghe	ad Gas 🔲	Conden	sate 🔲					
•					<del></del>					<del> </del>		
	If change of ownership givened address of previous over											
	and address of provided or											
II.	DESCRIPTION OF WEL	L AN	ND L	EASE	I beed Maria	taaludaa S			Kind of Lease		·	l acce No
į	Lease Name			11	Pool Name, Undesi	gnated	Gallup		State, Federa		daral	Lease No. 66
	Jicarilla 28			11_	Undes i	gnated	-Dakota		State, 1 edera	101100 16	delai	
	Location		930	)	- Nor	th	4	2040	Feet Fram 1	Eas	st	
	Unit Letter	عنند ا	7.70	Feel Fits	H The	<u></u> LIA	● &Rd <u></u>		Feet Fram 1	rae		
	Line of Section 33		Taur	ishis 2	5N	Ranas	4W	, NMPA	a Ri	lo Arriba	<b>a</b>	Countÿ
1	Eine of Section 33		1000				· .		<u> </u>			
H.	DESIGNATION OF TRA	NSPO	ORT	er of oil	AND NAT	URAL GA	8					
	Name of Authorized Transpo	rier of	Oil	⊊ αr€	ondensaté [		Address (		to which approv			
	Shell Oil Compa	ny .					P.O.	Box 1588	3, Farming	ton, Nev	v Mexico	
					d or Dry C	3d# 🛄	E .		to which approv	_		
	El Paso Natural	Gas	s Cc						, Farming		w Mexico	
	If well produces oil or liquid	la,	į	Unii See	• •	Age.	क्षि बुद्ध दर	uall <b>y connec</b> i Yes	led? Whi		15-71	
	give location of tanks.			J	28   25N	1 4W	i	ies	•	11-	17-11	
							l		<del></del>	<del></del>		
	If this production is commi	ingled	l with	that from er	y other leas	se or pool,	give comm		r number:	R -	4071	
	COMPLETION DATA					Gas Well	give comm		Deepen			. Diff. Restv.
								ingling orde				/. Diff. Restv.
	COMPLETION DATA		etion		X X	Gas Well	New Well	Workover	Deepen		Same Res	1 t 1
	COMPLETION DATA  Designate Type of C		etion	n - (X)  Date Compl. F	X Ready to Prod	Gas Well	New Well X Total Dep	Workover		Plug Back	Same Res	1 t 1
	COMPLETION DATA  Designate Type of C	ompl	etion	Date Compl. F	X to Ready to Prod	Gas Well	New Well	Workover	Deepen	Plug Back	Same Rest	1
	Designate Type of C  Date Spudded  10-23-71  Elevations (DF, RKB, RT, C  RB	omple	etion	Date Compl. F  12-  Name of Prod  Gallu	X Ready to Prod 18-71 ucing Formati	Gas Well i. ion	New Well X Total Dep	Workover th 756	Deepen	Plug Back P.B.T.D. Tubing Dep	7528 th	1
	Designate Type of C  Date Spudded  10-23-71  Elevations (DF, RKB, RT, C  RB  Perforations Gallup 6	GR, esc	etion	Date Compl. F 12- Name of Prod Gallu 6464-71	X 1 Recedy to Prod 18-71 ucing Formati p & Dako	Gas Well i. ion ota iO' w/2	New Well X Total Dep Top Oil/G	Workover th 756 399 Ga 276 Dal	Deepen  50'  11up  kota ta 7493-98	Plug Back P.B.T.D. Tubing Dep	7528 th 7257	1
	Designate Type of Content of Cont	GR, esc.	etion	Date Compl. F 12- Name of Prod Gallu , 6464-71	Needy to Prod 18-71 ucing Formati p & Dako	Gas Well  Lon  Ota  O' w/2  Shots) 7	New Well X Total Dep Top Oil/9 shots/f 390-94	Workover th 756 399 Ga 276 Dal t. Dakot	Deepen 50' 11up kota ta 7493-98	Plug Back P.B.T.D. Tubing Dep	7528 th 7257 ng Shoe 756	01
	Designate Type of Completion Data  Designate Type of Complete Spudded  10-23-71  Elevations (DF, RKB, RT, Complete Spudded)  RB  Perforations Gallup 6  (3 shots) 7474-88  (4 shots) 7296-730	GR, esc.	etion	Date Compl. F 12- Name of Prod Gallu , 6464-71 (S) , 7433 nots)	Ready to Producting Formation, 6434-4	Gas Well i. ion ota ota shots) 7 ASING, AND	New Well X Total Dep Top Oil/9 shots/f 390-94	Workover  Workover  1999 Ga 276 Dakot 13994 Ga 1276 Dakot 13 Shots	Deepen  11up  (ota 7493-98 5) 7315-23  7289-93	Plug Back P.B.T.D. Tubing Dep	7528 th 7257 ng Shoe 756	01
	Designate Type of Completion Data  Designate Type of Complete Spudded  10-23-71  Elevations (DF, RKB, RT, Complete Spudded)  RB  Perforations Gallup 6  (3 shots) 7474-88  (4 shots) 7296-730  shots) HOLE SIZE	GR, esc 6474- (8 :	etion	Date Compl. F 12- Name of Prod Gallu , 6464-71 (S) , 7433 nots) 1	Ready to Producting Formation, 6434-4  -35 (2 strubing, CA	Gas Well i. ion ota ota shots) 7 ASING, AND	New Well X Total Dep Top Oil/9 shots/f 390-94	Workover th 756 399 Ga 276 Dakot (3 shot: ING RECOR	Deepen  11up  (ota 7493-98 5) 7315-23  7289-93	Plug Back P.B.T.D. Tubing Dep	7528 th 7257 ng Shoe 756 ts) 7273	01
	Designate Type of C Date Spudded 10-23-71 Elevations (DF, RKB, RT, C RB Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE 12 1/4'	GR, etc.	etion	Date Compl. F 12- Name of Prod Gallu , 6464-71 (S) , 7433 hots) 1 CASING	Ready to Producing Formation, 6434-4  -35 (2 strubing, CA  TUBING, CA  8 5/3"	Gas Well i. ion ota ota shots) 7 ASING, AND	New Well X Total Dep Top Oil/9 shots/f 390-94	Workover  Workover  1999 Ga 276 Dakot 13994 Ga 1276 Dakot 13 Shots	Deepen  11up  (ota 7493-98 5) 7315-23  7289-93	Plug Back P.B.T.D. Tubing Dep	7528 th 7257 ng Shoe 756	01
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	Designate Type of C  Date Spudded  10-23-71  Elevations (DF, RKB, RT, C  RB  Perforations Gallup 6  (3 shots) 7474-88'  (4 shots) 7296-730  shots) HOLE SIZE  12 1/4'	GR, etc.	etion	Date Compl. F 12- Name of Prodi Gallu , 6464-71 (S), 7433 DOTS)  CASING	Ready to Producing Formation, 6434-4  -35 (2 strubing, CA  TUBING, CA  8 5/3"	Gas Well i. ion ota ota shots) 7 ASING, AND	New Well X Total Dep Top Oil/9 shots/f 390-94	Workover th 756 276 Dakot (3 shots ING RECOR DEPTH S 238 7560	Deepen  11up  (ota 7493-98 5) 7315-23  7289-93	Plug Back P.B.T.D. Tubing Dep	7528 th 7257 ng Shoe 756 ts) 7273 ACKS CEME	0:
IV.	COMPLETION DATA  Designate Type of Complete Spudded  10-23-71  Elevations (DF, RKB, RT, Complete Spudded)  RB  Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE  12 1/4' 7 7/8'	GR, etc.	-77,	Date Compl. F 12- Name of Prode Gallu , 6464-71 (S) , 7433 HOLS)	Note that the second of the se	Gas Well  i.  ion  ota  io' w/2  shots) 7  SING, AND  is SIZE	New Well X Total Dep Top Oil/9 shots/f 390-94 D CEMENT	ingling order  Workover  1399 Ga 276 Dakot Cashot: ING RECOI DEPTHS 238 7560 7257	Deepen 11up kota ta 7493-98 5) 7315-23 RD 7289-93 ET	Plug Back P.B.T.D. Tubing Dep  Depth Casi	7528 th 7257 ng Shoe 756 ts) 7278 ACKS CEME 150 1150	0° -84 (4
IV.	COMPLETION DATA  Designate Type of Complete Spudded  10-23-71  Elevations (DF, RKB, RT, Complete Spudded)  RB  Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE  12 1/4' 7 7/8'  TEST DATA AND REQUIL WELL	GR, etc. 474-(3 :: 04 (5 :: 04	etion	Date Compl. F 12- Name of Prode Gallu , 6464-71 cs), 7433 nots) CASING	Ready to Prod 18-71 ucing Formati p & Dako , 6434-4 -35 (2 s FUBING, CA 6 & TUBING 8 5/3" 4 1/2" 2 3/8"	Gas Well  i.  ion  ota  io' w/2  shots) 7  SING, AND  is SIZE	New Well X Total Dep Top Oil/9 shots/f 390-94 D CEMENT	ingling order  Workover  1399 Gar 276 Dakor 13 Shot: ING RECOF DEPTHS 238 7560 7257	Deepen  11up  (ota  13 7493-98  15 7289-97  15 7289-97  15 7289-97	Plug Back P.B.T.D. Tubing Dep Depth Casi	7528 th 7257 ng Shoe 756 ts) 7278 ACKS CEME 150 1150	0° -84 (4
IV.	Designate Type of Completion Data  Designate Type of Complete Spudded  10-23-71  Elevations (DF, RKB, RT, Complete Spudded)  RB  Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE  12 1/4' 7 7/8'	GR, etc. 474-(3 :: 04 (5 :: 04	etion	Date Compl. F  12-  Name of Produ  Gallu  , 6464-71  S). 7433  OCASING	X 1 Recady to Prod 18-71 ucing Formati p & Dako , 6434-4 -35 (2 s rUBING, CA 6 a TUBING 8 5/3" 4 1/2" 2 3/8"	Gas Well  i.  ion  ota  io' w/2  shots) 7  SING, AND  is SIZE	New Well  X  Total Dep  Top Oil/6  shots/f 390-94  CEMENT	Workover  Workover  399 Ga 276 Dakot Cashots ING RECOI DEPTHS 238 7560 7257 7257 74 7560 77257 7560 77257 7560 7661 7661 7661 7661 7661 7661 7661 76	Deepen  11up  (ot2  ta 7493-98  5) 7315-2  RD 7289-99  ET  ume of load oil  s)  w, pump, gas light	Plug Back P.B.T.D. Tubing Dep Depth Casis (2 shot	7528 th 7257 ng Shoe 756 LS) 7278 ACKS CEME 150 1150	0° -84 (4
IV.	Designate Type of C Date Spudded 10-23-71 Elevations (DF, RKB, RT, C RB Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE 12 1/4' 7 7/8'  TEST DATA AND REQ OIL WELL Date First New Oil Run To	GR, etc. 474-(3 :: 04 (5 :: 04	etion	Date Compile F  12- Name of Production  Gallu , 6464-71  (S) 7433  OCASING  RALLOWA  Date of Teet	X 1 Recady to Prod 18-71 ucing Formati p & Dako , 6434-4 -35 (2 sr UBING, CA 6 a TUBING 8 5/3" 4 1/2" 2 3/8"  BLE (Telephology  C-21-71	Gas Well  i.  ion  ota  io' w/2  shots) 7  SING, AND  is SIZE	Total Dep Top Oil/G Shots/f 390-94 CEMENT	ingling order  Workover  1399 Ga 276 Dakot (3 shots ING RECOI DEPTHS 238 7560 7257 7257 7257 7257 7257 7257 7257 725	Deepen  11up  (ota  13 7493-98  15 7289-97  15 7289-97  15 7289-97	Plug Back P.B.T.D. Tubing Dep Depth Casis (2 shot	7528 th 7257 ng Shoe 756 ts) 7278 ACKS CEME 150 1150	0° -84 (4
IV.	Designate Type of C  Date Spudded  10-23-71  Elevations (DF, RKB, RT, C  RB  Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730  shots) HOLE SIZE  12 1/4'  7 7/8'  TEST DATA AND REQ OIL WELL  Date First New Oil Run To  11-14-71  Length of Test	GR, etc. 474-(3 :: 04 (5 :: 04	etion	Date Compl. F  12-  Name of Produ  Gallu  , 6464-71  S). 7433  OCASING	X 1 Recady to Prod 18-71 ucing Formati p & Dako , 6434-4 -35 (2 sr UBING, CA 6 a TUBING 8 5/3" 4 1/2" 2 3/8"  BLE (Telephology  C-21-71	Gas Well  i.  ion  ota  io' w/2  shots) 7  SING, AND  is SIZE	New Well  X  Total Dep  Top Oil/6  shots/f 390-94  CEMENT	ingling order  Workover  1399 Ga 276 Dakot (3 shots ING RECOI DEPTHS 238 7560 7257 7257 7257 7257 7257 7257 7257 725	Deepen  11up  (ot2  ta 7493-98  5) 7315-2  RD 7289-99  ET  ume of load oil  s)  w, pump, gas light	Plug Back P.B.T.D. Tubing Dep  Depth Casis (2 shot signature of the street of the stre	7528 th 7257 ng Shoe 756 ts) 7278 ACKS CEME 150 1150	0° -84 (4
IV.	Designate Type of C Date Spudded  10-23-71  Elevations (DF, RKB, RT, C  RB  Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE  12 1/4'  7 7/8'  TEST DATA AND REQ OIL WELL Date First New Oil Run To  11-14-71 Length of Test  24 Hours	GR, etc. 474-(3 :: 04 (5 :: 04	etion	Date Compl. F  12-  Name of Production  Gallu , 6464-71  (S) 7433  OCASING  CASING  Date of Test  12  Tubing Press	Note that the second se	Gas Well  i.  ion  ota  io' w/2  shots) 7  ASING, AND  is SIZE  et must be a  e for this de	New Well X Total Dep Top Oil/S shots/f 390-94 D CEMENT  fter recover, pth or be for Producing Pur Casing Pr	Workover  Workover  Workover  399 Ga 276 Dal  t. Dakot (3 shots ING RECOI DEPTHS 238 7560 7257 7257 745 7560 7560 7560 7560 7560 7560 7560 756	Deepen  11up  (ot2  ta 7493-98  5) 7315-2  RD 7289-99  ET  ume of load oil  s)  w, pump, gas light	Plug Back P.B.T.D. Tubing Dep  Depth Casis (2 shot signature of the street of the stre	7528 th 7257 ng Shoe 756 ts) 7278 ACKS CEME 150 1150	0° -84 (4
IV.	Designate Type of C  Date Spudded  10-23-71  Elevations (DF, RKB, RT, C  RB  Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE  12 1/4'  7 7/8'  TEST DATA AND REQ OIL WELL  Date First New Oil Run To  11-14-71  Length of Test  24 Hours  Actual Prod. During Test	GR, etc. 474-(3 :: 04 (5 :: 04	etion	Date Compl. F  12-  Name of Production  Gallu , 6464-71  (S) 7433  OCASING  CASING  Date of Test  12  Tubing Press	Note that the second se	Gas Well  i.  ion  ota  io' w/2  shots) 7  ASING, AND  is SIZE  et must be a  e for this de	New Well  X  Total Dep  Top Oil/6  shots/f 390-94  CEMENT  feer recovery pth or be for Producing  Put  Casing Pa  Water-Bb	ingling order  Workover  th  756 3997 Gar 2761 Dal t. Dakot (3 shot: ING RECO! 75601 72571  y of total voling full 24 hour Method (Flor ming Gar essure	Deepen	Plug Back P.B.T.D. Tubing Dep  Compared to the second seco	7528 th 7257 ng Shoe 756 ts) 7278 ACKS CEME 150 1150	0° -84 (4
IV.	Designate Type of C Date Spudded 10-23-71 Elevations (DF, RKB, RT, C RB Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE 12 1/4' 7 7/8'  TEST DATA AND REQ OIL WELL Date First New Oil Run To 11-14-71 Length of Test 24 Hours Actual Prod. During Test 145	GR, etc. (3 :)4 (5	-77, shot	Date Compl. F  12- Name of Prode Gallu , 6464-71 cs), 7433 nots) CASING  CASING  Tubing Prese	Ready to Prod 18-71 ucing Formati p & Dako , 6434-4 -35 (2 s FUBING, CA 6 & TUBING 8 5/8" 4 1/2" 2 3/8"  BLE (Teable abl	Gas Well  L.  Ion  Ota  O' w/2  Shots) 7  ASING, AND  SIZE  et must be a  e for this de	Total Dep Top Oil/G Shots/f 390-94 CEMENT Cesting Pi Casing Pi Water-Bb	ingling order  Workover  399 Ga 276 Dakot Cas Pay  t. Dakot (3 shote ING RECOI DEPTHS 238 7560 7257 7257 7257 7257 7257 7257 7257 725	Deepen  11up  (ota  ta 7493-98  5) 7315-27  RD 7289-97  ET  ume of load oil  s)  w, pump, gas li  11up & Dal  Load Wat-	Plug Back P.B.T.D. Tubing Dep  Casis Can and must be es  Cota Com Choke Size  Gas-MCF	7528 th 7257 ng Shoe 756 ts) 7278 ACKS CEME 150 1150 qual to or ex	0° -84 (4
IV.	Designate Type of C Date Spudded 10-23-71 Elevations (DF, RKB, RT, C RB Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE 12 1/4' 7 7/8'  TEST DATA AND REQ OIL WELL Date First New Oil Run To 11-14-71 Length of Test 24 Hours Actual Prod. During Test 145	GR, etc. 474- (3 : )4 (5 ) UEST	etion  -77, shot  FFO	Date Compl. F  12-  Name of Production  Gallu , 6464-71  (S) 7433  OCASING  CASING  Date of Test  12  Tubing Press	Name of the state	Gas Well  i.  ion  ota  o' w/2  shots) 7  ASING, AND  s SIZE  et must be a  e for this de	Total Dep Top Oil/G Shots/f 390-94 CEMENT Casing Pr Water-Bb	ingling order  Workover  1399 Ga 276 Dakot 1276 Dakot (3 shots ING RECOI DEPTHS 238 7560 7257 Vof total volt r full 24 how Method (Flor mping Ga easure	Deepen  11up  11up  12 7493-98  13 7289-92  12 7289-92  11up & Dal  11up & Dal  Load Watved Case	Plug Back P.B.T.D. Tubing Dep  Casis Cand must be es  Ct. etc.) Cota Com Choke Size Gas-MCF Thos. 4462	7528 th 7257 ng Shoe 756 ts) 7278 ACKS CEME 150 1150  qual to or ex	0° -84 (4
IV.	Designate Type of C Date Spudded 10-23-71 Elevations (DF, RKB, RT, C RB Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE 12 1/4' 7 7/8'  TEST DATA AND REQ OIL WELL Date First New Oil Run To 11-14-71 Length of Test 24 Hours Actual Prod. During Test 145	GR, etc. 474- (3 : 0474- (1 : 04 ) (	etion  -77, shot  FFO	Date Compl. F  12- Name of Prode Gallu , 6464-71 (S) . 7433 (Ots) CASING  CASING  Tubing Prese	Note that the second se	Gas Well  i.  ion  ota  o' w/2  shots) 7  ASING, AND  s SIZE  et must be a  e for this de	Total Dep Top Oil/G Shots/f 390-94 CEMENT Casing Pr Water-Bb	ingling order  Workover  399 Ga 276 Dakot Cas Pay  t. Dakot (3 shote ING RECOI DEPTHS 238 7560 7257 7257 7257 7257 7257 7257 7257 725	Deepen  11up  11up  12 7493-98  13 7289-92  12 7289-92  11up & Dal  11up & Dal  Load Watved Case	Plug Back P.B.T.D. Tubing Dep  Casis Cand must be es  Ct. etc.) Cota Com Choke Size Gas-MCF Thos. 4462	7528 th 7257 ng Shoe 756 ts) 7278 ACKS CEME 150 1150 qual to or ex	0° -84 (4
IV.	Designate Type of C  Date Spudded  10-23-71  Elevations (DF, RKB, RT, C  RB  Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE  12 1/4'  7 7/8'  TEST DATA AND REQ OIL WELL  Date First New Oil Run To  11-14-71  Length of Test  24 Hours  Actual Prod. During Test  145  Allow GAS WELL  Order	GR, etc. 474- (3 : 0474- (1 : 04 ) (	etion  -77, shot  FFO	Date Compl. F  12- Name of Prode Gallu , 6464-71 (S) . 7433 (Ots) CASING  CASING  PR ALLOWA  Date of Test  12 Tubing Prese  equested: -4071 Deservations	Note that the second se	Gas Well  i.  ion  ota  o' w/2  shots) 7  ASING, AND  s SIZE  et must be a  e for this de	New Well  X  Total Dep  Top Oil/6  shots/f 390-94  CEMENT  fter recovery pith or be for Producing Pur  Casing Pr  Water-Bb  minglin  Bbls. Com	ingling order  Workover  399 Ga 276 Dakot  1 Dakot  (3 shots  ING RECOI  DEPTHS  238!  7560 7257  y of total volume full 24 how  Method (Flow  maing Ga  easure  15.  15.  15.  15.  15.  15.  15.  16.  16	Deepen  11up  kota ta 7493-98 ta 7493-98 ta 7493-99 ta 7789-9 ET  ume of load oil ta um, pump, gas li 11up & Dal  Load Wataved Case	Plug Back P.B.T.D. Tubing Dep  Casis Cashor Signature of the casis Choke Size Gas-MCF Thos. 4462 Gravity of	7528 th 7257 ng Shoe 756 LS) 7278 ACKS CEME 150 1150  qual to or ex mingled	0 <sup>†</sup> -84 (4
IV.	Designate Type of C  Date Spudded  10-23-71  Elevations (DF, RKB, RT, C  RB  Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE  12 1/4'  7 7/8'  TEST DATA AND REQ OIL WELL  Date First New Oil Run To  11-14-71  Length of Test  24 Hours  Actual Prod. During Test  145  Allow GAS WELL  Order	GR, etc. 6474- (3 : 04 (5) Tanks	etion  -77, shot  FFO	Date Compl. F  12- Name of Prode Gallu , 6464-71 (S) . 7433 (Ots) CASING  CASING  PR ALLOWA  Date of Test  12 Tubing Prese  equested: -4071 Deservations	Note that the second se	Gas Well  i.  Ion  ota  O' w/2  shots) 7  SING, AND  SIZE  et must be a  e for this de  2D - con 18-70.	New Well  X  Total Dep  Top Oil/6  shots/f 390-94  CEMENT  fter recovery pith or be for Producing Pur  Casing Pr  Water-Bb  minglin  Bbls. Com	ingling order  Workover  1399 Ga 276 Dakot 1276 Dakot (3 shots ING RECOI DEPTHS 238 7560 7257 Vof total volt r full 24 how Method (Flor mping Ga easure	Deepen  11up  kota ta 7493-98 ta 7493-98 ta 7493-99 ta 7789-9 ET  ume of load oil ta um, pump, gas li 11up & Dal  Load Wataved Case	Plug Back P.B.T.D. Tubing Dep  Casis Cand must be es  Ct. etc.) Cota Com Choke Size Gas-MCF Thos. 4462	7528 th 7257 ng Shoe 756 LS) 7278 ACKS CEME 150 1150  qual to or ex mingled	0° -84 (4
IV.	Designate Type of C Date Spudded  10-23-71 Elevations (DF, RKB, RT, C RB Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE  12 1/4' 7 7/8'  TEST DATA AND REQ OIL WELL Date First New Oil Run To 11-14-71 Length of Test 24 Hours Actual Prod. During Test 145  GAS WELL Order Actual Prod. Test-MCF/D	GR, etc. 6474- (3 : 04 (5) Tanks	etion  -77, shot  FFO	Date Compl. F  12- Name of Production  Gallu , 6464-71  (S) 7433  OCASING  CASING  PR ALLOWA  Date of Test  12  Tubing Prese  Oil-Bble. J  Length of Test  Length of Test	Note that the second se	Gas Well  i.  Ion  ota  O' w/2  shots) 7  SING, AND  SIZE  et must be a  e for this de  2D - con 18-70.	New Well  X  Total Dep  Top Oil/6  shots/f 390-94  CEMENT  fter recovery pith or be for Producing Pur  Casing Pr  Water-Bb  minglin  Bbls. Com	ingling order  Workover  1	Deepen  11up  11up  12 7493-98  13 7289-97  12 7289-97  12 11up & Dal  11up & Dal  12 Load Wat-  12 Ved Case  13 12 12 12 12 12 12 12 12 12 12 12 12 12	Plug Back P.B.T.D. Tubing Dep  (2 shoil significant should be a significant should be significant should be a significant should be a significant shou	7528 th 7257 ng Shoe 756 ts) 7273 ACKS CEME 150 1150  qual to or ex mingled	0° -94 (4 ENT
v.	Designate Type of C Date Spudded  10-23-71 Elevations (DF, RKB, RT, C RB Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE  12 1/4' 7 7/8'  TEST DATA AND REQ OIL WELL Date First New Oil Run To 11-14-71 Length of Test 24 Hours Actual Prod. During Test 145  GAS WELL Order Actual Prod. Test-MCF/D	UEST	etion -77, shot 5 sl	Date Compl. F  12- Name of Prode Gallu , 6464-71 (S) , 7433 (Ots) 1  CASING  CASING  PRALLOWA  Date of Test 12  Tubing Press  cauested: -4071 D: Length of Test	Note that the second se	Gas Well  i.  Ion  ota  O' w/2  shots) 7  SING, AND  SIZE  et must be a  e for this de  2D - con 18-70.	New Well  X  Total Dep  Top Oil/6  shots/f 390-94  CEMENT  fter recovery pith or be for Producing Pur  Casing Pr  Water-Bb  minglin  Bbls. Com	ingling order  Workover  1	Deepen  11up  11up  12 7493-98  13 7289-99  12 7289-99  11up & Dal  11up & Dal  11up & Dal  12 CONSERVA	Plug Back P.B.T.D. Tubing Dep  (2 shot (2 shot s)  and must be e  (t, etc.) Cota Com Choke Size Choke Size Choke Size	7528 th 7257 ng Shoe 756 LS) 7278 ACKS CEME 150 1150  rqual to or ex mingled  65	0° -94 (4 ENT
v.	Designate Type of C Date Spudded 10-23-71 Elevations (DF, RKB, RT, C RB Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE 12 1/4' 7 7/8'  TEST DATA AND REQ OIL WELL Date First New Oil Run To 11-14-71 Length of Test 24 Hours Actual Prod. During Test 145  Allow GAS WELL Order Actual Prod. Test-MCF/D Testing Method (pitot, back)	Wablander No	etion  777, shot 5 sl	Date Compl. F  12- Name of Production  Gallu , 6464-71 (S), 7433 (OLS)  CASING  CASING  PRALLOWA  Date of Test  12  Tubing Prese  Cultable.  Tubing Prese  CE	Ready to Prod 18-71 ucing Formati p & Dako , 6434-4 -35 (2 s FUBING, CA 6 a TUBING 8 5/8" 4 1/2" 2 3/8"  BLE (Teable able 2-21-71 ure 50 50 BOR ted 11-36	Gas Well  i.  ion  ota  io' w/2  shots) 7  SSING, AND  s SIZE  con  con  con  con  con  con  con  co	New Well  X  Total Dep  Top Oil/6  Shots/f 390-94  CEMENT  CEMENT  Casing Pr  Water-Bb  Maing lin  Bble. Com	ingling order  Workover  3997 Ga 276! Dakot  Cas Pay  To Bakot  To Bett S  186 RECOI  DEPTHS  238!  7560!  7257!  Foliate Volta  Foliate Volta  Method (Flor  The Bakot  The Bakot  To Bett S  To Bett	Deepen  11up  11up  12 7493-98  13 7289-99  12 7289-99  11up & Dal  11up & Dal  11up & Dal  12 CONSERVA	Plug Back P.B.T.D. Tubing Dep  (2 shoil significant should be a significant should be significant should be a significant should be a significant shou	7528 th 7257 ng Shoe 756 ts) 7278 ACKS CEME 150 1150  qual to or ex mingled  65 , Condensate	0° -94 (4 ENT
v.	Designate Type of C Date Spudded 10-23-71 Elevations (DF, RKB, RT, C RB Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE 12 1/4' 7 7/8'  TEST DATA AND REQ OIL WELL Date First New Oil Run To 11-14-71 Length of Test 24 Hours Actual Prod. During Test 145 Allox GAS WELL Order Actual Prod. Test-MCF/D Testing Method (pitot, back	UEST Tanks Wab1-	etion  77, shot  5 sl  1ANC	Date Compl. F  12- Name of Prode Gallu , 6464-71 (S) , 7433 (Ots) 1 CASING  CA	Ready to Prod 18-71 ucing Formati p & Dako , 6434-4 -35 (2 s FUBING, CA 6 & TUBING 8 5/8" 4 1/2" 2 3/8"  BLE (Teable abl	Gas Well  i.  ion  ota  o' w/2  shots) 7  SSING, AND  SSIZE  OD - con  18-70.	New Well  X  Total Dep  Top Oil/9  shots/f 390-94  CEMENT  feer recovery pith or be for Producing Purices and Pu	ingling order  Workover  1	Deepen  11up  11up  12 7493-98  13 7289-99  12 7289-99  12 T  11up & Dal  11up & Dal  12 CONSERVA  FEE	Plug Back P.B.T.D. Tubing Dep  (2 shot so and must be e  (t, etc.) Cota Com Choke Size Choke Size  TION CO 2 1972	7528 th 7257 ng Shoe 756 ts) 7273 ACKS CEME 150 1150  qual to or ex mingled  65	0°
v.	Designate Type of C Date Spudded 10-23-71 Elevations (DF, RKB, RT, C RB Perforations Gallup 6 (3 shots) 7474-88' (4 shots) 7296-730 shots) HOLE SIZE 12 1/4' 7 7/8'  TEST DATA AND REQ OIL WELL Date First New Oil Run To 11-14-71 Length of Test 24 Hours Actual Prod. During Test 145  Allow GAS WELL Order Actual Prod. Test-MCF/D Testing Method (pitot, back)	Wablander No	e Re Re Re	Date Compl. F  12- Name of Production Gallu , 6464-71 G), 7433 Dots 1  CASING  RALLOWA  Date of Test  Tubing Press  CE  equistions of the control of the con	Recdy to Prod 18-71 ucing Formati p & Dako , 6434-4 -35 (2 s FUBING, CA 64 1/2" 2 3/8"  BLE (Te abl 2-21-71 ure 50 50 BOI 11-11	in the state of the desired in the state of the sta	New Well  X  Total Dep  Top Oil/9  shots/f 390-94  CEMENT  feer recovery pith or be for Producing Purices and Pu	ingling order  Workover  1	Deepen  11up  11up  12 7493-98  13 7289-99  12 7289-99  11up & Dal  11up & Dal  11up & Dal  12 CONSERVA	Plug Back P.B.T.D. Tubing Dep  (2 shot so and must be e  (t, etc.) Cota Com Choke Size Choke Size  TION CO 2 1972	7528 th 7257 ng Shoe 756 ts) 7273 ACKS CEME 150 1150  qual to or ex mingled  65	0° i=94 (4 ENT  ceed top allow-

Administrative Supervisor

(Title)

January 24.

This form is to be filed in compliance with RULE 1104.

If this is a request for silowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I. II. III. and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.