ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION P. O. BOX 2088 Santa Fe, New Mexico 87501

HNG Oil Co. P. O. Box 2267 Midland, Texas 79702

Attention: Betty A. Gildon

Administrative Order TX- 64

PVZV2004429952

Gentlemen:

Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107(d)(3) for the below-named well.

Pursuant to the authority granted me by Rule 107(d)(4), you are hereby authorized to set tubing at 9930 feet in the following well:

LEASE NAME		н. 19	WELL NO.	UNIT	S-T-R
Woods 9 Com.	•		 1	J	9-24S-28E

The Division reserves the right to rescind this authority in the event that waste appears to be resulting therefrom.

Very truly yours, Gme

JOE D. RAMEY, Division Director

JDR/DSN/dr

cc: Oil Conservation Division - Artesia
 /Well file



P. O. BOX 2267, MIDLAND, TEXAS 79702

JUL 1 4 1980 (915) 683-4871 CONSERVATION DIVISION

July 11, 1980

Oil Conservation Commission State of New Mexico P. O. Box 2088 Santa Fe, New Mexico 87501

Attn: Mr. Joe D. Ramey Secretary-Director

> In Re: Woods 9 Com. Well No. 1 Und. West Malaga (Atoka) Eddy County, Texas

Dear Mr. Ramey:

Tubing for the above-named well has been set at 9930 feet, and casing perforated from 11,279 to 11,380 feet.

This office requests administrative exception to Rule 107d.

Very truly yours,

HNG OIL COMPANY

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1219 1930 1349

Betty A. Gildon Regulatory Clerk

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		[·				1	5. FORM	n or Lease Name
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z, Name of Operator								1	9, Well	No.
HNG 011 Compa 3. Address of Operator	iny	. <u> </u>							0. Fie	1 Id and Pool, or Wildcat
P.O. Box 2267	7 Midland, I	Cexas 797(02			-		1	Ind	West Malaca At-1
4. Location of Well			· · · · · · · · · · · · · · · · · · ·	· .					1117	
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THE East LINE OF S	sec. 9 Tw	P. 245 RG	ε. 28E	NMPM	VIIIII	(1111)	1111		Edd	v (///////
15. Date Spudded PB	16. Date T.D. Re	ached 17. Date	Compl. (Re	ady to I	rod.) [18. i	Elevations	(DF, RK	B, RT, GR	etc.)	19. Elev. Cashinahead
5-7-80	-	6-	-24-80			8024.3	GR			3024.3
20. Total Depth	21, Filug	Back T.D.	22. 1	f Multipl	e Compl., Ho	w 23. I	tervals	Rotary	Tools	Cable Tools
12,752'	11.4	83'	N N	any			rified B	y i	-	: _
24. Producing Interval(s), of this completion	on - Top, Bottor	n, Name		;	<u>_</u>		_ 1		25. Was Directional Sur
11.279' - 11	3801 (Atoka	3								Made
		·/								l No
26. Type Fleatric and O	ther Longe Burn							· · · · · · · · · · · · · · · · · · ·	1 -	7 Was Wall Cored
26, Type Electric and O None	ther Logs Run								2	7. Was Well Cored
26, Type Electric and O None	ther Logs Run							<u>,,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,</u>	2	7. Was Well Cored NO
26. Type Electric and O None 28.	ther Logs Run	CA	SING RECOI	RD (Rep	ort all strings	set in wel	1)		2	7. Was Well Cored
26. Type Electric and O None 28. CASING SIZE	WEIGHT LB./1	CA FT. DEPT		RD (Rep HOL	ert all strings E SIZE	set in wel	I) EMENT	ING RECOP	2 RD	7. Was Well Cored No AMOUNT PULLE
None CASING SIZE	WEIGHT LB./1	CA FT. DEPTI	SING RECOR	RD (Rep ноц 17-	ort all strings E SIZE 1/2 ¹¹	set in wel C 600	i) Ementi SX	ING RECOP	2 RD	7. Was Well Cored No AMOUNT PULLE Circ.
26. Type Electric and O None 28. CASING SIZE 13-3/8" 9-5/8"	weight LB./1	CA FT. DEPTI	SING RECOR H SET 677' 453'	RD (Rep ноц 17- 12-	ort all strings E SIZE 1/2" 1/4"	set in wel c 600 1800	1) EMENTI SX	ING RECOP	2	7. Was Well Cored No AMOUNT PULLE Circ. Circ.
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26. Type Electric and O None 28. CASING SIZE 13-3/8" 9-5/8" 7 29. SIZE	WEIGHT LB./1 48# 26 & 23# LIN TOP	CA FT. DEPT 2 10 NER RECORD BOTTOM	SING RECOR H SET 677' 453' 250' ' SACKS CE	RD (Rep HOL 17- 12- 8-	ort all strings E SIZE 1/2" 1/4" 1/8" SCREEN	set in wel c 600 1800 1300 30. s	I) EMENTI SX SX SX		2 RD BING R TH SET	7. Was Well Cored NO AMOUNT PULLEI Circ. Circ. RECORD PACKER SET
28. CASING SIZE 13-3/8" 9-5/8" 7 29. SIZE 4-1/2"	WEIGHT LB./1 48# 36# 26 & 23# LII TOP 12,752!	CA FT. DEPTI 2 10 NER RECORD BOTTOM 9930'	SING RECOUNTS RECOUNTS RECOUNTS RECOUNTS RECOVENESS RECOVENES	RD (Rep HOL 17- 12- 8- EMENT	ort all strings E SIZE 1/2" 1/4" 1/8" SCREEN	set in wel c 600 1800 1300 30. s 2-3	1) EMENTI SX. SX. SX. JZE 8/8''	TU DEP		7. Was Well Cored NO AMOUNT PULLE Circ. Circ. RECORD PACKER SET 9930
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26. Type Electric and O None 28. CASING SIZE 13-3/8" 9-5/8" 7 29. SIZE 4-1/2" P1. Perforation Record (WEIGHT LB./1 48# 36# 26 & 23# LII TOP 12,752!	CA FT. DEPT 2 2 10 NER RECORD BOTTOM 9930 [†]	SING RECOR H SET 677' 453' 250' SACKS CE 450	RD (Rep HOL 17- 12- 8-	SCREEN	set in wel C 600 1800 1300 30. 30. S 2-3 ACID, SHC	I) EMENTI SX SX IZE IZE IZE IZE	TU DEP Q9 CTURE, CI	2 RD BING F TH SET 30	7. Was Well Cored NO AMOUNT PULLE Circ. Circ. RECORD PACKER SET 9930 SQUEEZE, ETC.
26. Type Electric and O None 28. CASING SIZE 13-3/8" 9-5/8" 7 29. SIZE 4-1/2" 11. Perforation Record (1) 12, 380' - 12	wEIGHT LB./I 48# 36# 26 & 23# LII TOP 12,752' Interval, size and 12 2,578'	CA: FT. DEPTI 2 10 NER RECORD BOTTOM 9930' number) 1'' 15)	SING RECOUNT H SET 677' 453' 250' SACKS CE 450	RD (Rep. Hol 17- 12- 8- EMENT	SCREEN	set in wel C 600 1800 1300 30. 30. S 2-2 ACID, SHC INTERVAL	I) EMENTI SX. SX. IZE B/8'' T, FRA	TU DEP Q9 CTURE, CI AMOUN	BING F TH SET 30 EMENT T AND	7. Was Well Cored NO AMOUNT PULLEI Circ. Circ. RECORD PACKER SET 9930 SQUEEZE, ETC. KIND MATERIAL USED
26. Type Electric and O None 28. CASING SIZE 13-3/8" 9-5/8" 7 29. SIZE 4-1/2" 1. Perforation Record (1 12,380' - 1) 11,557' - 1	ther Logs Run WEIGHT LB./1 48# 36# 26 & 23# LII TOP 12,752' Interval, size and 1 2,578' (.4 1,562' (.4)	CA: FT. DEPTI 2 10 NER RECORD BOTTOM 9930' number; 1" 15) 0" 6)	SING RECOR H SET 677' 453' 250' ' SACKS CE 450	RD (Rep Hol 17- 12- 8-	all strings E SIZE 1/2" 1/4" 1/8" SCREEN 32. DEPTH 12,380*	set in wel 600 1800 1300 30. 30. S 2-3 ACID, SHC IN TERVAL -12, 578	I) EMENTI SX. SX. IZE 3/8'' T, FRA SX. SX. SX. SX. SX. SX. SX. SX.	TU TU DEP 99 CTURE, CI AMOUN	BING R TH SET 30 EMENT T AND 5_ SX	7. Was Well Cored NO AMOUNT PULLE Circ. Circ. RECORD PACKER SET 9930 SQUEEZE, ETC: KIND MATERIAL USED CIH_sq. to 3000
26. Type Electric and O None 28. CASING SIZE 13-3/8'' 9-5/8'' 7 29. SIZE 4-1/2'' 21. Perforation Record (1 12,380' - 1 11,557' - 1 11,279' - 1	WEIGHT LB./1 48# 36# 26 & 23# LIN TOP 12,752' /nterval, size and 1 2,578' (.4 1,562' (.40 1,380' (.40	CA: FT. DEPTI 2 10 NER RECORD BOTTOM 9930' number) 1'' 15) 0'' 6) 0'' 12)	SING RECOR H SET 677' 453' 250' 3 SACKS CE 450	RD (Rep Hol 17- 12- 8-	Dert all strings E SIZE 1/2" 1/4" 1/8" SCREEN 32. DEPTH 12, 380' 11, 557-	set in wel c 600 1800 1300 30. S 2-3 ACID, SHC IN TERVAL -12, 578 11, 562	I) EMENTI SX. SX. SX. IZE B/8'' IT, FRA S 20	TU DEP 99 CTURE, CI AMOUN 29. W/7 00 gals	BING F TH SET 30 EMENT T AND 5 SX 10%	7. Was Well Cored NO AMOUNT PULLE Circ. Circ. Circ. RECORD PACKER SET 9930 SQUEEZE, ETC. KIND MATERIAL USED CIH_Sq. to 3000 Morrow_flow_BC
6. Type Electric and O None 8. CASING SIZE 13-3/8" 9-5/8" 7 9. SIZE 4-1/2" 1. Perforation Record (1 12,380' - 1 11,557' - 1 11,279' - 1	WEIGHT LB./1 48# 36# 26 & 23# LIN TOP 12,752' Interval, size and 1 2,578' (.4 1,562' (.40	CA: FT. DEPTI 2 10 NER RECORD BOTTOM 9930' number) 1" 15) 0" 6) 0" 6) 0" 12)	SING RECOR H SET 677' 453' 250' SACKS CE 450	RD (Rep HOL 17- 12- 8-	Dep TH 32. DEP TH 1/2" 1/4" 1/4" SCREEN 32. DEP TH 12,380' 11,557- Knoci	set in well 600 1800 1300 30. 2-3 ACID, SHO INTERVAL -12,578 11,562 kout pl	I) EMENTI SX. SX. SX. IZE 3/8" T, FRA S 20 Ug at	TU DEP 99 CTURE, CI AMOUN 39. W/75 000 gals 11,48	BING R TH SET 30 EMENT T AND 5 SX 10%	7. Was Well Cored NO AMOUNT PULLE Circ. Circ. Circ. PACKER SET 9930 SQUEEZE, ETC. KIND MATERIAL USED C1H_Sq. to 3000 Morrow_flow_BC
28. CASING SIZE 13-3/8" 9-5/8" 7 9. SIZE 4-1/2" 1. Perforation Record (1) 12,380' - 1: 11,557' - 1 11,279' - 1	WEIGHT LB./1 48# 36# 26 & 23# LIN TOP 12,752' Interval, size and 1 2,578' (.4 1,562' (.4) 1,380' (.4)	CA: FT. DEPTI 2 10 NER RECORD BOTTOM 9930' number) 1" 15) 0" 6) 0" 6) 0" 12)	SING RECOR H SET 677' 453' 250' SACKS CE 450	RD (Rep HOL 17- 12- 8-	32. DEPTH 12,380* 11,557- Knoc 11,279*	set in well C 600 1800 1300 30. 30. 2-3 ACID, SHC INTERVAL -12,578 11,562 kout p1 -11,380	I) EMENTI SX SX SX IZE J/8" T, FRA 20 Ug at 30	TU DEP Q9 CTURE, CI AMOUN 3Q. W/75 000 gals 11,48 000 gals	BING F TH SET 30 EMENT T AND 5 SX 10% 3' 3	7. Was Well Cored NO AMOUNT PULLE Circ. Circ. Circ. PACKER SET 9930 SQUEEZE, ETC: KIND MATERIAL USED CIH_sq. to 3000 Morrow flow BC
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26. Type Electric and O None 28. CASING SIZE 13-3/8" 9-5/8" 7 29. SIZE 4-1/2" 11. Perforation Record (1 12, 380' - 1 11, 557' - 1 11, 279' - 1 3. Date First Production 6-21-90	WEIGHT LB./1 48# 36# 26 & 23# LII TOP 12,752' Interval, size and 1 2,578' (.4 1,562' (.40 1,380' (.40	CA: FT. DEPTI 2 10 NER RECORD BOTTOM 9930' number) 1" 15) 0" 6) 0" 6) 0" 12)	SING RECOM H SET 677' 453' 250' SACKS CE 450	RD (Rep HOL 17- 12- 8- EMENT	SCREEN 32. В БОРТН 1/4" 1/4" 1/4" 32. ВЕРТН 12,380' 11,557- Кпос 11,279' JCTION W ng – Nize an	set in wel C 600 1800 1300 30. 30. 20. ACID, SHO INTERVAL -12,578 11,562 kout p1 -11,380 /500 SC / type pump	I) EMENTI SX. SX. SX. IZE B/8" IT, FRA S 20 Ug at I 30 FN2	TU DEP Q9 CTURE, CI AMOUN Sq. W/7 000 gals 11,48	2 RD BING F TH SET 30 EMENT T AND 5 SX 10% 3' 3' Well St	7. Was Well Cored NO AMOUNT PULLE Circ. Circ. Cire. RECORD PACKER SET 9930 SQUEEZE, ETC. KIND MATERIAL USED C1H_sq. to 3000 Morrow_flow_BC Morrow_flow_BC
26. Type Electric and O None 28. CASING SIZE 13-3/8" 9-5/8" 7 29. SIZE 4-1/2" 11. Perforation Record (1 12, 380' - 1 11, 557' - 1 11, 279' - 1 3. Date First Production 6-21-80	ther Logs Run WEIGHT LB./1 48# 36# 26 & 23# LII TOP 12,752' Interval, size and 1 2,578' (.4 1,562' (.4(1,380' (.4(Product 1)	CA: FT. DEPTI 2 10 NER RECORD BOTTOM 9930' number) 1" 15) 0" 6) 0" 6) 0" 12) then Method (<i>Flow</i> Flowing	SING RECOM H SET 677' 453' 250' SACKS CE 450 450 SACKS CE 450	RD (Rep HoL 17- 12- 8- EMENT EMENT	screen 32. В СКССС 32. ВСКСС 32. ВСКСС 12,380' 11,557- Кпос 11,279' JCTION W ng - Size an	set in wel C 600 1800 1300 30. 30. 20. ACID, SHC INTERVAL -12,578 11,562 kout p1 -11,380 /500 SC /500 SC	I) EMENTI SX. SX. SX. IZE B/8" IT, FRA S 20 Ug at ' 30 FN 2	TU TU DEP 99 CTURE, CI AMOUN 59. W/75 000 gals 11,485 000 gals	EMENT T AND S SX 10% 3' S 10% Well St Pro	7. Was Well Cored NO AMOUNT PULLE Circ. Circ. Circ. PACKER SET 9930 SQUEEZE, ETC. KIND MATERIAL USED CIH_Sqto_3000 Morrow_flow_BC Morrow_flow_BC Morrow_flow_BC
26. Type Electric and O None 28. CASING SIZE 13-3/8" 9-5/8" 7 29. SIZE 4-1/2" 11. Perforation Record (1 12, 380' - 1 11, 557' - 1 11, 279' - 1 3. Date First Production 6-21-80 Date of Test 6-22-80	WEIGHT LB./1 48# 36# 26 & 23# LIN TOP 12,752' Interval, size and 1 2,578' (.4 1,562' (.40 1,380' (.40 Product 1 Hours Tested 24	CA: FT. DEPTI 2 10 NER RECORD BOTTOM 9930' number) 1" 15) 0" 6) 0" 12) tuon Method (Flow Flowing Choke Size	SING RECOM H SET 677' 453' 250' SACKS CE 450 SACKS CE 450 Prod'n. I Test Per	RD (Rep HOL 17- 12- 8- EMENT PRODU ft, pumpt	all strings E SIZE 1/2" 1/4" 1/8" SCREEN 32. DEPTH 12,380' 11,557- Knoci 11,279' JCTION W ng - Size and OII - Bbl.	set in well 600 1800 1300 30. 30. 2-3 ACID, SHO INTERVAL -12,578 11,562 kout p1 -11,380 /500 SC / type pump Cas	I) EMENTI SX. SX. SX. IZE 3/8" T, FRA 5 8 20 20 20 20 20 20 5 20 20 20 20 20 20 20 20 20 20 20 20 20	TU DEP 99 CTURE, CI AMOUN 39. W/75 000 gals 11,48: 000 gals	BING F TH SET 30 EMENT T AND SX 10% 10% SX 10% Pro- Bbl.	7. Was Well Cored NO AMOUNT PULLE Circ. Circ. Circ. RECORD PACKER SET 9930 SQUEEZE, ETC: KIND MATERIAL USED CIH_sqto_3000 Morrow_flow_BC Castor (Prod. or Shu(-in)) Ducing Gas - Oil Fiatio
6. Type Electric and O None 8. CASING SIZE 13-3/8" 9-5/8" 7 9. SIZE 4-1/2" 1. Perforation Record (1 12,380' - 1 11,557' - 1 11,279' - 1 3. Pate First Production 6-21-80 Pate of Test 6-22-80	WEIGHT LB./1 48# 36# 26 & 23# LIN TOP 12,752' Interval, size and 1 2,578' (.4 1,562' (.40 1,380' (.40 Product I Hours Tested 24	CA: FT. DEPTI 2 10 NER RECORD BOTTOM 9930' number) 1" 15) 0" 6) 0" 6) 0" 12) then Method (Flow Flowing Choke Size 3/4	SING RECOM H SET 677' 453' 250' SACKS CE 450 SACKS CE 450 Prod'n. H Test Per	RD (Rep HOL 17- 12- 8- EMENT PRODI ft. pumpt	32. DEPTH 12,380* 11,557- Knoc 11,279* JCTION W ng - Size an Oli - Bbl. 0	set in well C 600 1800 1300 30. 30. 2-3 ACID, SHO INTERVAL -12,578 11,562 kout p1 -11,380 /500 SC / type pump Gas - 1	I) EMENTI SX SX SX IZE J/8" IT, FRA 20 Ug at 30 FN 2 - MCF 952	TU DEP Q9 CTURE, CI AMOUN SQ. W/75 000 gals 11,48 000 gals Water	2 RD BING F TH SET 30 EMENT T AND 5 SX 10% 3' 3' 3' S 10% Pro - Bbl. 30	7. Was Well Cored NO AMOUNT PULLEI Circ. Circ. Circ. Circ. PACKER SET 9930 SQUEEZE, ETC: KIND MATERIAL USED CIH. sq. to 3000 Morrow flow BC Morrow flow BC Morrow flow BC Morrow flow BC
26. Type Electric and O None 28. CASING SIZE 13-3/8" 9-5/8" 7 29. SIZE 4-1/2" 11, 279' - 1 11, 279' - 1 11, 279' - 1 3. Date First Production 6-21-80 Date of Test 6-22-80 Tow Tubing Press. 3800	wEIGHT LB./I 48# 36# 26 & 23# LIT TOP 12,752' Interval, size and I 2,578' 2,578' 1,562' 40 Product I Hours Tested 24 Casing Pressure Packer	CA: FT. DEPTI 2 10 VER RECORD BOTTOM 9930' number) 1" 15) 0" 6) 0" 6) 0" 12) tuon Method (Flow Flowing Choke Size 3/4 Calculated 2- Hour bate	SING RECOM H SET 677' 453' 250' SACKS CE 450 SACKS CE 550 SACKS CE 550	RD (Rep HOL 17- 12- 8- EMENT EMENT EMENT EMENT	art all strings E SIZE 1/2" 1/4" 1/8" SCREEN 32. DEPTH 12,380' 11,557- Knoc 11,279' JCTION W ng - Size and O Gas - N	set in wel 600 1800 1300 30. 30. 30. 30. S 2-3 ACID, SHC INTERVAL -12,578 11,562 Kout p1 -11,380 /500 SC / (spe pun) Cas - 1 CF	I) EMENTI SX. SX. SX. SX. IZE 3/8" T, FRA 5 20 4 20 4 20 20 5 20 5 20 5 20 5 20 5	TU TU DEP 99 CTURE, CI AMOUN 59. W/75 000 gals 11,485 000 gals 11,485 000 gals	2 RD BING R H SET 30 EMENT T AND 5 SX 10% 10% 10% 10% 10% 10% 10% 10%	7. Was Well Cored NO AMOUNT PULLE Circ. Circ. Circ. RECORD PACKER SET 9930 SQUEEZE, ETC. KIND MATERIAL USED CIH_Sq. to 3000 Morrow_flow_BC CIH_sq. to 3000 Morrow_flow_BC Corrow_flow_BC Constants (Prod. or Shut-in) oducing Gas - Oil Ratio 0 Oil Gravity - API (Corr.)
26. Type Electric and O None 28. 13-3/8" 9-5/8" 7 9. size 4-1/2" 11, Perforation Record (11, 380' - 1) 11, 557' - 1 11, 557' - 1 11, 279' - 1 3. Date First Production 6-21-80 Now Tubing Press. 3800 4. Disposition of Gas (2)	wEIGHT LB./I 48# 36# 26 & 23# LIT TOP 12,752' Interval, size and I 2,578' 1,562' 1,380' Product I Hours Tested 24 Casting Prevsure Packer Sold, used for fuel,	CA: FT. DEPTI 2 10 NER RECORD BOTTOM 9930' number) 1" 15) 0" 6) 0" 6) 0" 6) 0" 12) tion Method (Flow Flowing Choke Size 3/4 Colculated 2- Hour hate Colculated 2- Colculated 3- Colculated 3- Co	SING RECOM H SET 677' 453' 250' SACKS CE 450 SACKS CE 550 SACKS CE 550	RD (Rep HOL 17- 12- 8- EMENT EMENT EMENT EMENT	screen 32. В БОРТН 1/4" 1/4" 1/4" 1/4" 32. ВЕРТН 12,380' 11,557- Кпос 11,279' JCTION W ng - Size an OII - Bbl. 0 Gas - N	set in wel 600 1800 1300 30. 30. 30. 30. 30. 30. 30.	I) EMENTI SX. SX. SX. IZE J/8'' T, FRA J/8'' T, FRA S 20 Ug at ' 30 FN2 '' '' 952 Water	TU TU DEP 99 CTURE, CI AMOUN 50.00 gals 11,48: 000 gals 11,48: 000 gals 11,48: 1,	2 RD BING F TH SET 30 EMENT T AND SX 10% 10% 10% 10% 10% 10% 10% 10%	7. Was Well Cored NO AMOUNT PULLE Circ. Circ. Circ. PACKER SET 9930 SQUEEZE, ETC: KIND MATERIAL USED CIH_Sq. to 3000 Morrow_flow_BC CIH_sq. to 3000 Morrow_flow_BC CIH_sq. or Shut-in) oducing Gas-Oil Ratio 0 Oil Gravity - API (Corr.) ed By
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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-dilled or deeplened well. It shall be accompanied by one copy of all electrical and ratio-activity logs nu on the well and a summary of all special tests conducted, including drill stein tests. All depths reported shall be measured de this. 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 Bule 1105.

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