ſ	HO. OF COPIES RECEIVED]				
Ī	DISTRIBUTION	NEW MEXICO OIL O	CONSERVATION COMM	ISSION	Form C-104	
ļ	SANTA FE /	REQUEST	FOR ALLOWABLE		Supersedes Old C-104 and C-11	
Ì	FILE	1	AND		Effective 1-1-65	
	U.S.G.S.	AUTHORIZATION TO TRA	ANSPORT OIL AND I	NATURAL G	AS	
1	LAND OFFICE					
ľ	TRANSPORTER OIL /					
	OPERATOR 7					
	PRORATION OFFICE	1			COUNTY -	
*	Operator				381 118 t 1)	
	Atlantic Richfield Company					
	Col Lincoln March Pide 1860 Lincoln St. Donron Colorado 80203					
	Reason(s) for filing (Check proper box) Change in Transporter of: Change in Transporter of:					
	New Well Change in Transporter of: Dist. 3					
	Recompletion Oil Dry Gas					
	Change in Ownership	Casinghead Gas Conde	nsate			
	If change of ownership give name and address of previous owner					
H.	DESCRIPTION OF WELL AND	LEASE				
	Lease Name	Well No. Pool Name, Including F	Formation	Kind of Lease		
	Horseshoe Gallup Unit	292 Horseshoe Ga	llup	State, Federal	or Fee 14-20-603-2037	
	Location Unit Letter #J# ; 2474 Feet From The South Line and 2463 Feet From The East					
	Line of Section 24 Township 31N Range 17W , NMPM, San Juan County					
			• •			
III. 	DESIGNATION OF TRANSPOR	TER OF OIL AND NATURAL G.	Address (Give address	to which approv	ed copy of this form is to be sent)	
	1					
	Shell Pipeline Company		1215 S. Lake A	ve • rarmu	ngton, N.M. 87401 ed copy of this form is to be sent)	
	Name of Authorized Transporter of Ca	singhead Gas or Dry Gas	Address (Othe ducress	to writer approv	ca copy of since form to be or come,	
				ed? Whe		
	If well produces oil or liquids,	Unit Sec. Twp. Rge. 0 19 31N 16W	Is gas actually connect	ed? whe	11	
	give location of tanks.	th that from any other lease or pool	give commingling orde	r number:		
IV.	If this production is commingled with COMPLETION DATA				Plug Back Same Resty. Diff. Resty	
- • •		Oil Well Gas Well	New Well Workover	Deepen	Plug Back Same Restv. Diff. Restv	
	Designate Type of Completi	,	X			
	Date Spudded	Date Compl. Ready to Prod.	Total Depth			
	1				P.B.T.D.	
	7/21/76	8/9/76	15301		1503'	
	7/21/76 Elevations (DF, RKB, RT, GR, etc.)		Top Oll/Gas Pay	n 212/4	1503 [†] Tubing Depth	
	Elevations (DF, RKB, RT, GR, etc.)	8/9/76	Top Oil/Gas Pay	Fm 11:36 •	1503' Tubing Depth 1452'	
	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations	8/9/76 Name of Producing Formation Lower Gallup	Top Oll/Gas Pay	Fm 11:36 °	1503 * Tubing Depth 1452 * Depth Casing Shoe	
	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot	Top Oil/Gas Pay Perfs. lill!		1503' Tubing Depth 1452'	
	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN	Top OII/Gas Pay Perfs. llilili	RD.	1503' Tubing Depth 1452' Depth Casing Shoe 1530'	
	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations 11111-1152, 2 HOLE SIZE	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN	Top OII/Gas Pay Perfs. lilili	RD ET	1503 * Tubing Depth 1452 * Depth Casing Shoe 1530 * SACKS CEMENT	
	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations 11,11,121, 2 HOLE SIZE 12-1/4"	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN CASING & TUBING SIZE 8-5/8"OD	Top OII/Gas Pay Perfs. 111111111111111111111111111111111111	RD ET B	1503 t Tubing Depth 11:52 t Depth Casing Shoe 1530 t SACKS CEMENT 120 5X	
	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations 11111-1152, 2 HOLE SIZE	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN	Top OII/Gas Pay Perfs. lilili	RD ET B	1503 * Tubing Depth 1452 * Depth Casing Shoe 1530 * SACKS CEMENT	
	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations 11,11,121, 2 HOLE SIZE 12-1/4"	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN CASING & TUBING SIZE 8-5/8"OD	Top OII/Gas Pay Perfs. 111111111111111111111111111111111111	RD ET B	1503 t Tubing Depth 11:52 t Depth Casing Shoe 1530 t SACKS CEMENT 120 5X	
	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations 111111-1152 , 2 HOLE SIZE 12-1/4" 7-7/8"	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN CASING & TUBING SIZE 8-5/8"OD 5-1/2"OD	Top Oil/Gas Pay Perfs. 111111111 ID CEMENTING RECOI DEPTH S 127.40' K 1530.00' K	RD ET B	1503 t Tubing Depth 1452 t Depth Casing Shoe 1530 t SACKS CEMENT 120 8X 225 8X	
v.	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations lilili-lif2, 2 HOLE SIZE 12-1/4 7-7/8 TEST DATA AND REQUEST F	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN CASING & TUBING SIZE 8-5/8"OD 5-1/2"OD	Top Oil/Gas Pay Perfs. 11111111 ID CEMENTING RECOI DEPTH S 127.10 K 1530.00 K after recovery of total vollepth or be for full 24 how	RD ET B B	1503 * Tubing Depth 11452 * Depth Casing Shoe 1530 * SACKS CEMENT 120 8X 225 8X and must be equal to or exceed top allow	
v.	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations lilih-li52, 2 HOLE SIZE 12-1/4" 7-7/8" TEST DATA AND REQUEST FOUL WELL	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN CASING & TUBING SIZE 8-5/8" OD 5-1/2" OD OR ALLOWABLE (Test must be able for this of Date of Test	Top Oil/Gas Pay Perfs. 1111111 ID CEMENTING RECOI DEPTH S 127.10 K 1530.00 K after recovery of total vollepth or be for full 24 hour Producing Method (Flo	RD ET B B ume of load oil (s) w, pump, gas lif	1503 * Tubing Depth 11452 * Depth Casing Shoe 1530 * SACKS CEMENT 120 8X 225 8X and must be equal to or exceed top allows, etc.)	
v.	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations lith-1152, 2 HOLE SIZE 12-1/1 7-7/8" TEST DATA AND REQUEST FOIL WELL Date First New Oil Run To Tanks	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN CASING & TUBING SIZE 8-5/8" OD 5-1/2" OD COR ALLOWABLE (Test must be able for this control of the	Top Oil/Gas Pay Perfs. 11111111 ID CEMENTING RECOI DEPTH S 127.110 K 1530.00 K after recovery of total vol. iepth or be for full 24 hour Producing Method (Flo Pumping, 2**	RD ET B B ume of load oil (s) w, pump, gas lif	1503 * Tubing Depth 1452 * Depth Casing Shoe 1530 * SACKS CEMENT 120 8X 225 8X and must be equal to or exceed top allows, etc.) 16 - 64 ** SPM	
v.	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations lithi-lit21, 2 HOLE SIZE 12-1/4" 7-7/8" TEST DATA AND REQUEST FOIL WELL Date First New Oil Run To Tanks 8/15/76 Length of Test	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN CASING & TUBING SIZE 8-5/8" OD 5-1/2" OD OR ALLOWABLE (Test must be able for this of Date of Test	Top Oil/Gas Pay Perfs. 1111111 ID CEMENTING RECOI DEPTH S 127.10 K 1530.00 K after recovery of total vollepth or be for full 24 hour Producing Method (Flo	RD ET B B ume of load oil (s) w, pump, gas lif	1503 * Tubing Depth 11452 * Depth Casing Shoe 1530 * SACKS CEMENT 120 8X 225 8X and must be equal to or exceed top allows, etc.)	
v.	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations lith-1152, 2 HOLE SIZE 12-1/47 7-7/87 TEST DATA AND REQUEST FOIL WELL Date First New Oil Run To Tanks 8/15/76	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN CASING & TUBING SIZE 8-5/8" OD 5-1/2" OD COR ALLOWABLE (Test must be able for this of Test 8/15-16/76	Top Oil/Gas Pay Perfs. 1111111 ID CEMENTING RECORD DEPTH S 127.40 K 1530.00 K after recovery of total voll iepth or be for full 24 hour Producing Method (Flo Pumping, 2* Casing Pressure	RD ET B B ume of load oil (s) w, pump, gas lif	1503 * Tubing Depth 11,52 * Depth Casing Shoe 1530 * SACKS CEMENT 120 8X 225 8X and must be equal to or exceed top allows, etc.) 16 - 61 * SPM Choke Size	
v .	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations lithi-lit21, 2 HOLE SIZE 12-1/4" 7-7/8" TEST DATA AND REQUEST FOIL WELL Date First New Oil Run To Tanks 8/15/76 Length of Test	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN CASING & TUBING SIZE 8-5/8" OD 5-1/2" OD OR ALLOWABLE (Test must be able for this of the control	Top Oil/Gas Pay Perfs. 1111111 ID CEMENTING RECOI DEPTH S 127.40 K 1530.00 K after recovery of total valicepth or be for full 24 how Producing Method (Flo Pumping, 2* Casing Pressure Water-Bbls.	RD ET B B ume of load oil (s) w, pump, gas lif	1503 * Tubing Depth 11,52 * Depth Casing Shoe 1530 * SACKS CEMENT 120 8X 225 8X and must be equal to or exceed top allow t, etc.) 16 - 61, SPM Choke Size Gas-MCF	
v.	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations lilili-li52, 2 HOLE SIZE 12-1/4" 7-7/8" TEST DATA AND REQUEST FOIL WELL Date First New Oil Run To Tanks 8/15/76 Length of Test 24 hrs	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN CASING & TUBING SIZE 8-5/8" OD 5-1/2" OD OR ALLOWABLE (Test must be able for this of the control	Top Oil/Gas Pay Perfs. 1111111 ID CEMENTING RECORD DEPTH S 127.40 K 1530.00 K after recovery of total voll iepth or be for full 24 hour Producing Method (Flo Pumping, 2* Casing Pressure	RD ET B B ume of load oil (s) w, pump, gas lif	1503 * Tubing Depth 1452 * Depth Casing Shoe 1530 * SACKS CEMENT 120 ax 225 ax and must be equal to or exceed top allow t, etc.) 16 - 64 * SPM Choke Size	
v.	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations lith-1452, 2 HOLE SIZE 12-1/4n 7-7/8n TEST DATA AND REQUEST FOIL WELL Date First New Oil Run To Tanks 8/15/76 Length of Test 24 hrs Actual Prod. During Test 190 bb1	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN CASING & TUBING SIZE 8-5/8" OD 5-1/2" OD OR ALLOWABLE (Test must be able for this of the control	Top Oil/Gas Pay Perfs. 1111111 ID CEMENTING RECOI DEPTH S 127.40 K 1530.00 K after recovery of total valicepth or be for full 24 how Producing Method (Flo Pumping, 2* Casing Pressure Water-Bbls.	RD ET B B ume of load oil (s) w, pump, gas lif	1503 * Tubing Depth 11,52 * Depth Casing Shoe 1530 * SACKS CEMENT 120 8X 225 8X and must be equal to or exceed top allow t, etc.) 16 - 61, SPM Choke Size Gas-MCF	
v .	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations lithi-lit52, 2 HOLE SIZE 12-1/4" 7-7/8" TEST DATA AND REQUEST FOIL WELL Date First New Oil Run To Tanks 8/15/76 Length of Test 214 hrs Actual Prod. During Test 190 bb1 GAS WELL	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN CASING & TUBING SIZE 8-5/8" OD 5-1/2" OD OR ALLOWABLE (Test must be able for this of the control	Top Oil/Gas Pay Perfs. 1111111 ID CEMENTING RECOI DEPTH S 127.40 K 1530.00 K after recovery of total valicepth or be for full 24 how Producing Method (Flo Pumping, 2* Casing Pressure Water-Bbls.	ET B B ume of load oil of s w, pump, gas lift bore pump	1503 * Tubing Depth 11,52 * Depth Casing Shoe 1530 * SACKS CEMENT 120 8X 225 8X and must be equal to or exceed top allow t, etc.) 16 - 61, SPM Choke Size Gas-MCF	
V.	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations lith-1452, 2 HOLE SIZE 12-1/4n 7-7/8n TEST DATA AND REQUEST FOIL WELL Date First New Oil Run To Tanks 8/15/76 Length of Test 24 hrs Actual Prod. During Test 190 bb1	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN CASING & TUBING SIZE 8-5/8" OD 5-1/2" OD COR ALLOWABLE (Test must be able for this of the control	Perfs. 11111111 DEPTHS 127.10' K 1530.00' K after recovery of total vol. itepth or be for full 24 hour Producing Method (Flo Pumping, 2* Casing Pressure Water-Bbis. 170 bb1	ET B B ume of load oil of s w, pump, gas lift bore pump	1503 * Tubing Depth 1452 * Depth Casing Shoe 1530 * SACKS CEMENT 120 5X 225 5X and must be equal to or exceed top allow t, etc.) 16 - 64 * SPM Choke Size Gas-MCF TSTM	
v.	Elevations (DF, RKB, RT, GR, etc.) 5707 GL; 5718 KB Perforations lithi-lit52, 2 HOLE SIZE 12-1/4" 7-7/8" TEST DATA AND REQUEST FOIL WELL Date First New Oil Run To Tanks 8/15/76 Length of Test 214 hrs Actual Prod. During Test 190 bb1 GAS WELL	8/9/76 Name of Producing Formation Lower Gallup jet shots/foot TUBING, CASING, AN CASING & TUBING SIZE 8-5/8" OD 5-1/2" OD COR ALLOWABLE (Test must be able for this of the control	Perfs. 111111111111111111111111111111111111	ET B B ume of load oil of s w, pump, gas lift bore pump	1503 * Tubing Depth 1452 * Depth Casing Shoe 1530 * SACKS CEMENT 120 5X 225 5X and must be equal to or exceed top allow t, etc.) 16 - 64 * SPM Choke Size Gas-MCF TSTM	

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been compiled with and that the information given above is true and complete to the best of my knowledge and belief.

M. E. Braure
(Signature)
Oprns. Info., Asst.
(Tide)

August 18, 1976 (Title) (Date)

APPROVED Original Signed by A BY_ \$00.00 A 0.000

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

If this is a request for allowable for a newly drilled or deepene 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 allow able on new and recompleted wells.

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

Horseshoe Gallup Unit, Well No. 292 Unit "J" - 2474! f/South & 2463! f/East lines Section 24-31N-17W San Juan County, New Mexico

DEVIATION TESTS:

1/4° @ 122'
3/4° @ 500'
1-1/4° @ 800'
3/4° @ 1100'
1° @ 1400'
1° @ 1520'



AFFIDAVIT

This is to certify that to the best of my knowledge the above tabulation details the deviation tests taken on Atlantic Richfield Company's Horseshoe Gallup Unit, Well No. 292, located 2474' from the South line and 2463' from the East line of Section 24-31N-17W, San Juan County, New Mexico.

M. E. Brown

State of Colorado)
SS County of Denver)

Before me, the undersigned authority, on this day personally appeared M. E. Brown, known to me to be the Operations Information, Assistant for Atlantic Richfield Company, and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein, and that said statement is true and correct.

Subscribed and sworn to before me, a Notary Public, in and for said County and State this 18th day of August, 1976.

Notary Public (Lucy)

My Commission Expires: October 9, 1977