

This form is not to
be used for reporting
packer leakage tests
in Northwest New Mexico

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator ARCO Oil and Gas Company				Lease State 367		Well No. 1	
Division of Atlantic Richfield Company							
Location of Well	Unit M	Soc 36	Twp 21S	Rge 37E	County Lea		
Name of Reservoir or Pool			Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size	
Upper Compl	Blinebry		Gas	Flow	Tbg	Open	
Lower Compl	Drinkard		Gas	Flow	Tbg	Open	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 AM, 3/28/88

Well opened at (hour, date): 9:30 AM, 3/29/88

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	272	245
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	272	248
Minimum pressure during test.....	91	245
Pressure at conclusion of test.....	91	248
Pressure change during test (Maximum minus Minimum).....	181	3
Was pressure change an increase or a decrease?.....	Decrease	Increase

Well closed at (hour, date): 2:30 PM, 3/29/88

Oil Production During Test: 2 bbls; Grav. 39.4; Gas Production During Test: 98 MCF; GOR 49,000

Remarks Annual Test

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): 9:30 AM, 3/30/88		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	275	256
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	282	256
Minimum pressure during test.....	275	31
Pressure at conclusion of test.....	282	31
Pressure change during test (Maximum minus Minimum).....	7	225
Was pressure change an increase or a decrease?.....	Increase	Decrease

Well closed at (hour, date): 2:30 PM, 3/30/88

Oil Production During Test: 1 bbls; Grav. 39.4; Gas Production During Test: 75 MCF; GOR 75,000

REMARKS: Annual Test

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved: APR 13 1988 19
Oil Conservation Division

By ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT SUPERVISOR

Operator ARCO Oil and Gas Company
Division of Atlantic Richfield Co.
By David M. Davis
Title Associate Engineering Technician

Date 4/07/88

RECEIVED
APR 12 1988
OCD
HOBBS OFFICE



GARREY CARRUTHERS
GOVERNOR

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

February 4, 1988

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

ARCO Oil & Gas Corporation
P. O. Box 1710
Hobbs, New Mexico 88241

SUBJECT: Exceptions granted by Order R-8593

Gentlemen:

Effective February 1, 1988, type cross sections were established by Division Order R-8593 for the Drinkard, Wantz Abo, and the South Brunson Drinkard-Abo Pools. This order states that all future completions shall be in compliance with these cross sections.

Order R-8593 granted exceptions to existing wells which do not comply with the type cross sections. Enclosure 1 through 5 are lists of the wells granted exceptions. Please refer to the enclosed sheet or sheets for your wells which are granted this exception.

Very truly yours

OIL CONSERVATION DIVISION

A handwritten signature in cursive script, appearing to read "Jerry Sexton".

Jerry Sexton
Supervisor, District I

JS:bp

File

Encl.

LIST 1

DRINKARD POOL STUDY. WELLS OUT OF ZONE BY OPERATOR, PERFS WITHIN 35' OUT OF ZONE

OPERATOR	LEASE	NUM	U	SEC	TWN	s	RNG	e	OPEN PERFS
Amerada Hess	E. Wood	9	G	22	22	s	37	e	6234-6441
"	E. W. Walden	7	N	15	22	s	37	e	6282-6386
	State DA	4	I	16	21	s	37	e	6406-6501
ARCO O & G	Roy Barton	2	B	23	21	s	37	e	6407-6595
"	State 157 D	9	P	12	22	s	36	e	6490-6611
"	State 367	1	M	36	21	s	37	e	6297-6489
Campbell & Hedrick	W. E. Lee	3	C	20	21	s	37	e	6450-6604
Chevron USA	CDU	427	G	29	21	s	37	e	6370-6488
"	"	429	G	32	21	s	37	e	6319-6504
"	"	431	K	33	21	s	37	e	6290-6311
"	"	432	P	29	21	s	37	e	6297-6360
"	Eubank	2	A	22	21	s	37	e	6360-6432
"	"	4	H	22	21	s	37	e	6356-6444
"	H. T. Mattern NCT-B	17	C	31	21	s	37	e	6488-6731
"	R. E. Cole NCT-A	4	A	16	22	s	37	e	6318-6584
"	"	11	J	16	22	s	37	e	6325-6572
Cities Services O&G	Brunson B	2	K	3	22	s	37	e	6302-6565
Conoco-	Elliott B-15	1	G	15	22	s	37	e	6253-6321
"	Hawk A	8	A	8	21	s	37	e	6573-6770
"	Hawk B-1	16	N	8	21	s	37	e	6533-6790
"	Lockhart B-13 A	9	N	13	21	s	37	e	6578-6873
Elliott Oil	Elliott B	4	L	1	21	S	37	e	6664-6962
Exxon	F. F. Hardison B	3	G	34	21	s	37	e	6303-6394
"	"	5	O	27	21	s	37	e	6288-6570
Hartman, Doyle	Will Cary	5	F	22	22	s	37	e	6266-6349
"	"	8	L	22	22	s	37	e	6297-6386
Hendrix, John H.	Brunson C	4	J	3	22	s	37	e	6475-6561
"	"	5	O	3	22	s	37	e	6249-6544
"	"	6	I	3	22	s	37	e	6450-6550
"	S. E. Long	2	J	11	22	s	37	e	6206-6475
Martindale	Little V	4	P	7	22	s	37	e	6375-6612
Shell	Livingston	3	W	3	21	s	37	e	6450-6750
"	State 15	4	H	15	21	s	37	e	6397-6663
Summit Energy	Gulf Drinkard	1	M	30	22	s	38	e	6246-6480
Texaco	A. H. Blinebry NCT-2	2	N	29	22	s	38	e	6338-7368
"	C. P. Falby A	3	F	8	22	s	37	e	6343-6555
"	C. P. Falby B	4	L	8	22	s	37	e	6353-6536