

2,993' Top of Cement
Behind 4" Liner

2958' - 2 3/8" O.D. Tbg.
2,960' - Packer, Tension Type

2,993' - Top F.J. 4" Liner

3,053' - 5 1/2" Csg.

Fluid to be injected- 250 barrels
fresh water and
produced water.
Fresh water
purchased from
Ryder Scott Manage-
ment Company

3,198' - 3,203' - perfs. }
3,208' - 3,215' - perfs. } PREMIER SAND
3,240' - 3,248' - perf. } (Grayburg - Zone 6)

3,359' - 3,367' - perfs. } - LOVINGTON SAND
3,373' Bottom F.J. (San Andres - Zone 8)
4" Liner

T.D. 3,376

WELL LOCATION

3300' FSL & 675' FEL
SEC. 31-T16S-R31E



ANADARKO
PRODUCTION COMPANY

WELL BORE DIAGRAM
GRIER FEDERAL NO. 7
EDDY COUNTY, NEW MEXICO

C-116
Revised 1-1-65

Operator		Pool		County												
As shown		Square Lake		Eddy												
Address		TYPE OF TEST - (X)		Schedul		Completion		Special								
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	SITING	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL	
		U	S	T	R							WATER BBL.S.	GRAV. OIL	OIL BBL.S.		GAS M.C.F.
<u>Newmont Oil Company</u>	State "R"	1	D	32	16S	31E	6-61	P	-	-	24	0	36	1	TSTM	-
		1	D	32	16S	31E	7-61	P	-	-	24	0	36	4	TSTM	-
		1	D	32	16S	31E	12-61	P	-	-	24	0	36	50	TSTM	-
		1	D	32	16S	31E	7-63	P	-	-	24	10	36	23	TSTM	-
		1	D	32	16S	31E	7-65	P	-	-	24	26	36	4	TSTM	-
<u>Anadarko Production Company</u>																
Grier Federal	11	B	31	16S	31E		11-66	T.A.	-	-	24	0	36	2	TSTM	-
	11	B	31	16S	31E		1-67	P	-	-	24	1	36	14	TSTM	-
	11	B	31	16S	31E		5-68	P	-	-	24					
<u>X</u> Production tests of wells offsetting Anadarko's Grier Federal Well No. 7 before and after stimulation by water injection operations.																

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

ATTACHMENT

Anadarko Production Company

Application For Administrative Approval

To Convert Grier Federal Well No. 7 to Injection

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

C. W. Starnhopper

C. W. Stumbo (Signature)

Supt. Secondary Recovery

(Title)

July 19, 1968

(Date)



THE WESTERN COMPANY

Gammatron

COMPANY ANADARKO PRODUCTION COMPANY

WELL GRIER FEDERAL #7

FIELD SQUARE LAKE

COUNTY EDDY

STATE NEW MEXICO

Location:

3300' FSL & 675' FFL SEC 31

T-16-3

R-31-4E

Other Services:

2676-M

Permanent Datum: GROUND LEVEL

Elev. 3852

Elev. K.B.

Log measured from

0

ft above perm. datum

D.F.

Drilling measured from

G.L. 3852

Date	1-31-67	1-31-67	1-31-67
Run No.	ONE	ONE	TWO
Type Log	CAMMA BAY	NEUTRON	CALIPER
Depth-Driller	3366	3366	3366
Depth-Logger	3370.5	3370.5	3370.5
Bottom logged interval	3361.5	3369	3369
Top logged interval	SURFACE	SURFACE	300L
Type fluid in hole	WATER	WATER	WATER
Salinity, PPM CL			
Density			
Level	410		
Max. rec. temp., deg F.			
Operating rig time	7 HOURS		
Recorded by	TATE		
Witnessed by	MR. MAGGARD		

BONE-HOLE RECORD				CASING RECORD			
Run No.	Bit	From	To	Size	Wgt.	From	To
	4 1/2	3285	T.O.	5 1/2		SURFACE	3053

Reproduced By

West Texas Electrical Log Service

Midland, Texas 79701

REFERENCE

W9054K



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COMPLETION RECORD

SPUD DATE

COMP DATE

DST RECORD

CASING RECORD

PERFORATING RECORD

ACID. FRAC SHOT