

R-33A, T-7S, S20 (Unit L)

Chaveroo Field, Roosevelt County, N.M.

Proposed Inj. Well

Jung

4441' RDE
4429' GL

NO SCALE

375' 8-5/8" Csg. Seat (Cmt. Circ.)

inhibited fluid

3520' TOC (Temp. Surv.)

Inhibited Pkr. Fluid

2-3/8" Cmt. Lined Tbg.

4100' Tension Pkr. (Plastic ctd.)

4174 Perfs #2, 11 holes
1 ft./interval

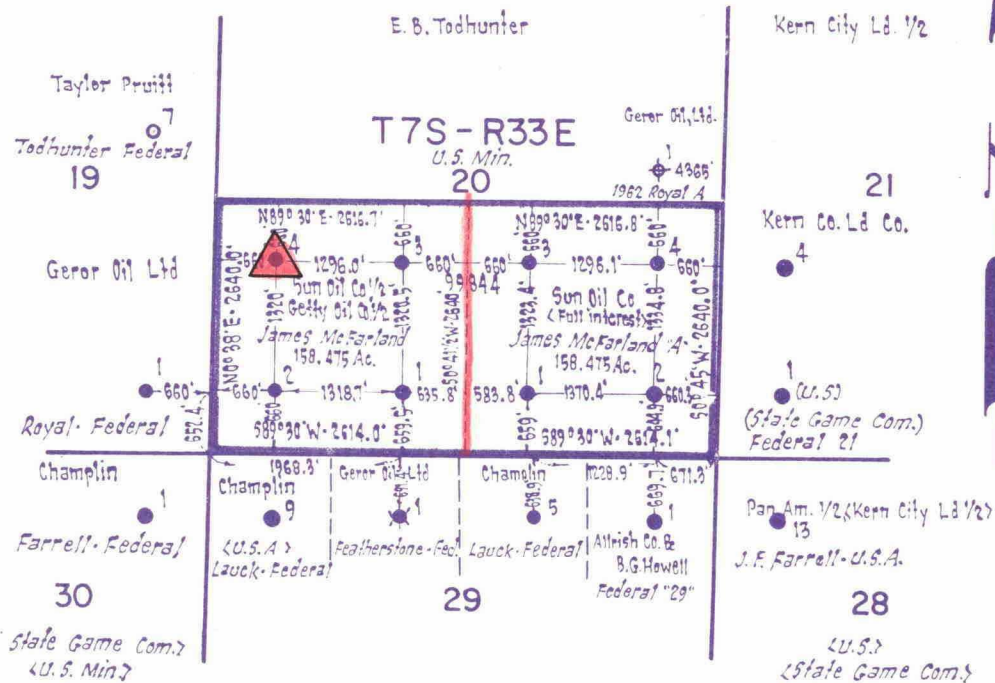
4279

4151 Perfs #1, 14 holes
1 ft./interval

4284 1/2 q. w/3 stages

4314' PBD

4340 4 1/2" Csg. Seat & TD



Sun Oil Co.		Chaveroo San Andres		County		Roosevelt									
P. O. Box 2792 Odessa, Texas 79760		TYPE OF TEST - (X)		SCHEDULED [X]		COMPLETION []									
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST	PROD. DURING TEST			GAS - RAT CU.FT./		
		U	S	T						R	WATER BLS.	GRAV. OIL		OIL BLS.	GAS M.C.F.
James McFarland	1	N	20	7S	33E	7-15-68	P 2"	30	58	24	17	24.4	14	5.0	31
	2	M	20	7S	33E	7-22-68	P 2"	30	51	24	6	24.4	44	173.9	391
	3	K	20	7S	33E	7-22-68	P 2"	30	54	24	3	24.3	11	22.7	201
	4	L	20	7S	33E	7-23-68	P 2"	30	9	24	3	24.3	6	10.5	171
James McFarland "A"	1	O	20	7S	33E	7-23-68	P 2"	30	58	24	16	24.3	39	77.7	191
	2	P	20	7S	33E	7-24-68	P 2"	35	58	24	43	24.3	43	131.1	304
	3	J	20	7S	33E	7-25-68	P 2"	40	58	24	4	24.3	8	59.8	747
	4	I	20	7S	33E	7-26-68	P 2"	30	52	24	7	24.3	20	21.8	109
Anticipate -213 BOPD decreased capacity. <i>(now makes about 3)</i>															

bc: NMOCC - 2

Mr. L. R. Barineau
 Mr. L. C. McColloch
 Mr. E. L. Kownslar
 File

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 allowances when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 14.695 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.

This official and true copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 151 and appropriate pool rules.

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

Charles L. Gray
 (Signature)
 Eng. Clerk

8-5-68

SUN OIL COMPANY
JAMES McFARLAND AND JAMES McFARLAND "A" LEASES
CHAUVEROO (SAN ANDRES) FIELD
ROOSEVELT COUNTY, NEW MEXICO

EXHIBIT FOR WATER INJECTION
FOR
PARTIAL PRESSURE MAINTENANCE

BEFORE EXAMINER NUTTER	
OIL CONSERVATION COMMISSION	
<i>Am 19</i>	EXHIBIT NO.
CASE NO.	<i>3944</i>

SUN OIL COMPANY
SOUTHWEST DIVISION

NOVEMBER 4, 1968

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WELL NAME: James McFarland #4

DOWN HOLE SUMMARY

(MILNESAND - SAN ANDRES, TOP @ 4133', BTM @ ?)

PERFS #1 @ 4151', 56', 74', 77', 86', 4221', 26 $\frac{1}{2}$ ', 45', 54', 60', 72', 79', & 4284 $\frac{1}{2}$ ' w/ 1 JS @ ea. Int. 5/18/66.

Acid Trtmt #1, Pfs. #1 w/ 2000 gals 15% acid w/ ball sealers.

Test: 5 hrs. Swbd 10 BLW, FL @ 3850'.

Frac Trtmt #1: w/ 40,000 gals gelled forma. wtr., 40,000# sd, BDP 2200#, FP 3000#. 5/21/66.

Test: Unsuccessfully, 5/22 thru 7/26/66

Sqzd Perfs #1 @ 4151 & 56 in 2 stages w/ 250 sks lcor, FP 4000#.

Plug: 4314 cmt., 8/2/66

Perfs #2 @ 4174', 77', 86', 4221', 26 $\frac{1}{2}$ ', 45', 54', 4266 $\frac{1}{2}$ ', 72', & 79' w/ 1 JSPF.

Acid Trtmt #2: Pfs #2 @ 4174/4279 @ Int., Pfs #1 @ 4284 $\frac{1}{2}$ ', w/ 2000 gals, w/ ball sealers, 8/5/66.

Test: 11 $\frac{1}{2}$ hrs. Swbd 3 B0, 19 BW, FL @ 3000'.

Frac Trtmt #2 (Pfs #2 @ 4174/4279 @ Int. & Pfs #1 @ 4284 $\frac{1}{2}$ ') w/ 40,000 gals lse wtr, 40,000 sd, FP 4350#.

I. P.: 24 hrs. P 47 B0, 61 BLW, GOR 112/1, Grav of Oil 24.3. 8/24/66

Csg. Seat (No Cond)

Size

Csg. Seat 375'

Size 8-5/8", 5/5/66

Top of Cement behind Oil String

Actual 3520 (Temp Surv)

Calc.

Tbg. Btm. 4172'

Size 2"

Wt. 4.70#

Grade J-55 SS

Thd. 8R EUE

Date Run 8-10-66

SN @ 4136.02', (1-25/32" ID, 1.10' lg)

PN @ 4137.12', (1.995" ID, 3.14' lg)

Btm tbg bull plugged w/ collar

Fluid above

Packer -

Top of Plug in Csg. @ 4314'

Pkr. Depth @ None

Length

Kind

Tbg. Stop @

Kind

Csg. Seat 4340'

Size 4-1/2", 5/15/66

T.D. @ 4343', 5/13/66

PERFORATIONS

Cord 3944