

Case # 1364

NORTH CENTRAL CAPROCK QUEEN UNIT
Lea and Chaves Counties, New Mexico

FLOOD NO. 750-10

PROGRESS REPORT NO. 23

November, 1960

Unit Production for the month of November was 36,908 barrels of oil for an average of 1,230 barrels per day. This is an increase of 32 barrels per day over October. Sales for this period were 36,900 barrels.

Total water injection for November was 178,435 barrels for an average of 248 barrels per well per day. Wells 24-4, 14-14 and 15-8 were connected and converted to injection wells. Wells 14-4 and 15-16 have been converted and will be connected as soon as the weather permits. Well 14-12 was delayed by a fishing job. The completion of these projects in the next few days will give the North Central Caprock Queen Unit the desired injection pattern.

Well 13-15 was drilled, fraced and completed as a producer. Wells 14-1 and 13-11 were cleaned out and returned to production. Well 13-5 had 2-1/2" tubing and pump installed. The above and conversion of injection wells, with one Isoflow Survey, accounted for the pulling unit work this month.

Triplex pump #2 was down 19 hours because of a broken side rod. Other than this the Unit and Injection Plant operations were normal.

WATER INJECTION DATA

<u>Well No.</u>	<u>Maximum Pressure</u>	<u>Average Daily Injection - BWPD</u>	<u>Monthly Total - BW</u>	<u>Cumulative Total - BW</u>
13-2	900	531	15,943	342,210
13-4	900	261	7,841	148,495
13-6	900	100	2,989	78,650
13-8	900	129	3,865	100,339
13-10	900	16	468	12,783
13-12	900	128	3,832	62,210
13-14	900	31	930	8,380
13-16	900	83	2,499	48,066
14-2	880	354	10,611	99,654
14-4	800	866	25,965	43,622
14-6	600	1,133	34,003	148,787
14-8	900	444	13,316	159,870
14-10	900	613	18,383	87,197
14-14	0	1,062 (2 days)	2,125	2,125
14-16	900	155	4,641	34,964
17-4	900	77	2,303	35,757
18-2	900	198	5,927	74,558
18-4	900	152	4,562	275,644
18-6	900	191	5,733	125,945
18-8	900	111	3,325	37,931
18-12	900	49	1,478	112,502
18-14	900	78	2,344	56,962
19-4	900	54	1,620	18,343
24-4	900	328	3,732	3,732
Total			<u>178,435</u>	<u>2,118,726</u>

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MONTHLY AND CUMULATIVE PRODUCTION

<u>Well No.</u>	<u>Avg. Daily Prod. - Oil</u>	<u>Avg. Daily Prod. -Water</u>	<u>Monthly Oil</u>	<u>Monthly Water</u>	<u>Cumulative Oil</u>	<u>Cumulative Water</u>
13-1	25.4	574	762	17,220	92,198	145,188
13-3	81.3	30	2,439	900	19,391	1,140
13-5	41.2	0	1,236	0	16,831	6,168
13-7	18.8	21	564	630	2,802	7,500
13-9	5.7	6	171	180	1,789	619
13-11	27.3	1	819	30	5,739	203
13-13	13.9	0	416	0	3,883	0
13-15	21.2 (10 days)	0	212	0	212	0
14-1	38.3	48	1,149	1,440	14,156	5,903
14-3	88.2	10	2,646	300	7,586	331
14-5	6.8	0	204	0	5,676	30
14-7	244.5	120	7,335	3,600	55,151	7,320
14-9	99.5	0	2,985	0	9,583	0
14-11	5.7	0	171	0	6,132	15
14-12	6.3	0	189	0	3,479	0
14-13	6.1	0	183	0	3,522	7
14-14	12.1	0	364	0	6,428	34
14-15	101.0	0	3030	0	7,970	0
15-8	(Shut In)					
15-9	1.5	0	45	0	522	0
15-16	1.5	0	45	0	524	0
17-3	30.4	120	912	3,600	5,930	17,320
18-1	27.3	0	819	0	2,928	741
18-3	108.0	128	3,240	3,840	54,520	21,668
18-5	65.7	7	1,971	210	36,150	1,880
18-7	46.5	2	1,395	60	23,136	60
18-11	83.0	6	2,490	180	51,673	1,083
18-13	37.2	5	<u>1,116</u>	<u>150</u>	<u>7,929</u>	<u>213</u>
Production of wells converted to Injection					<u>27,597</u>	<u>455</u>
Totals			<u>36,908</u>	<u>32,340</u>	<u>473,437</u>	<u>217,878</u>

WELL REMEDIAL WORK

<u>Date</u>	<u>Well No.</u>	<u>Remarks</u>
11-5-60	14-1	Fishing rods.
11-6-60	14-1	Cleaning out.
	13-5	Pulling rods and tubing.
11-7-60	14-1	Reran tubing w/ 1-3/4" pump.
	13-5	Ran 2-1/2" tubing. Put on production.
11-8-60	13-11	Pulled to clean out
	14-1	Ran rods - put on production.
11-9-60	13-11	Cleaning out
11-10-60	13-11	Ran tubing and rods.

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WELL REMEDIAL WORK (Contd).

<u>Date</u>	<u>Well No.</u>	<u>Remarks</u>
11-16-60	13-15	Fraced w/ 7500 gal. lease crude plus 15,000# sand.
	24-4	Pulled - cleaning out.
11-17-60	13-15	Moved in Pumping Unit, ran tubing.
	24-4	Cleaned out - ran tubing.
11-18-60	13-15	Ran rods - put on production.
	24-4	Put on Injection.
11-26-60	14-14	Pulling tubing.
11-27-60	14-14	Cleaning out.
	24-4	Ran Isoflow.
11-28-60	14-14	Put on Injection. (Ran tubing and packer) @ 3:30 P.M.
	14-12	Pulling
11-29-60	14-12	Pulling and cleaning out.
	15-16	Pulling and cleaning out.
11-30-60	14-12	Cleaning out.
	15-16	Ran tubing and packer to put on injection.
	15-8	Pulled and cleaned out.

WELL STATUS

24 Injection Wells
27 Producing Wells
1 Water Well

UNIT EMPLOYEES

1 Pumper

GREAT WESTERN DRILLING COMPANY

By O. H. Crews
O. H. Crews

OHC:TR
12-13-60

Year	Month	Oil Production (x)	Water Injection (o)	Water Production (•)
1959	Jan	0		
1959	Feb	0		
1959	Mar	0		
1959	Apr	0		
1959	May	0		
1959	June	25		
1959	July	15		
1959	Aug	20		
1959	Sept	15		
1959	Oct	30		
1959	Nov	28		
1959	Dec	25		
1960	Jan	25	10	5
1960	Feb	20	15	10
1960	Mar	45	20	12
1960	Apr	25	25	15
1960	May	22	28	18
1960	June	30	30	20
1960	July	85	35	22
1960	Aug	95	40	25
1960	Sept	85	45	20
1960	Oct	75	50	22
1960	Nov	80	52	25
1960	Dec	85	55	28
1961	Jan	80		
1961	Feb	75		
1961	Mar	70		
1961	Apr	65		
1961	May	60		
1961	June	55		
1961	July	50		
1961	Aug	45		
1961	Sept	40		
1961	Oct	35		
1961	Nov	30		
1961	Dec	25		
1962	Jan	20		
1962	Feb	15		
1962	Mar	10		
1962	Apr	5		
1962	May	0		
1962	June	0		
1962	July	0		
1962	Aug	0		
1962	Sept	0		
1962	Oct	0		
1962	Nov	0		
1962	Dec	0		
1963	Jan	0		
1963	Feb	0		
1963	Mar	0		
1963	Apr	0		
1963	May	0		
1963	June	0		
1963	July	0		
1963	Aug	0		
1963	Sept	0		
1963	Oct	0		
1963	Nov	0		
1963	Dec	0		

x = OIL PRODUCTION
w = WATER INJECTION
e = WATER PRODUCTION