

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Carbonic Chemicals Corporation Solano, New Mexico
Company or Operator Mitchell Well No. 7 in SW $\frac{1}{4}$, SW $\frac{1}{4}$ of Sec. 29, T. 19N
R. 30E N. M. P. M. Mitchell Field: Harding County.
Well is 4620 feet south of the North line and 4620 feet west of the East line of said section
If State land the oil and gas lease is No. -- Assignment No. --
If patented land the owner is T.E. Mitchell & Son, Inc. Address Albert, New Mexico
If Government land the permittee is -- Address --
The Lessee is -- Address --
Drilling commenced May 13 1946 Drilling was completed Sept. 9 1946
Name of drilling contractor Carbonic Chemicals Corp. Address Solano, New Mexico
Elevation above sea level at top of casing 4435 feet.
The information given is to be kept confidential until -- 19 --

Gas & OIL SANDS OR ZONES
No. 1, from 525 to 530 trace CO₂ No. 4, from 1980 to 1990 CO₂
No. 2, from 700 to 705 - CO₂ No. 5, from -- to --
No. 3, from 1950 to 1965 - CO₂ No. 6, from -- to --

IMPORTANT WATER SANDS (none)

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 27 to 30 feet. Small amount
No. 2, from 120 to 125 feet. 100 gals. per hour
No. 3, from 195 to 205 feet. Small amount
No. 4, from 555 to 560 feet. Small amount

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
12 $\frac{1}{2}$	70	8	used	222'	Texas	--	--	--	Shut off cave
10-3/4	50	8	"	573'	Texas	--	--	--	"
8-5/8	28	8	"	680'	Texas	--	--	--	"
7	20	8	"	1632'	Texas	--	--	--	production string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13	13"	222'	62	Gravity	---	---
12	10-3/4"	573'	90	Gravity	---	---
10	8-5/8"	680'	Landed	--	--	--
8	7"	1632'	75	Halliburton	--	--

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment _____

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 1990 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Sept. 16 1946
The production of the first 24 hours was -- barrels of fluid of which -- % was oil; -- % emulsion; -- % water; and -- % sediment. Gravity, Be --
If gas well, cu. ft. per 24 hours 1,750,000 CO₂ gas Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 565#

EMPLOYEES

J. W. Jones Driller
Lowell Meadows Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 25 day of Sept 1946
Edmund Hughes
Notary Public
My Commission expires May 7-1948

Solano, New Mexico Sept. 20, 1946
Place Date
Name A.C. Adams
Position Manager
Representing Carbonic Chemicals Corporation
Company or Operator
Address Solano, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10		Surface mud
10	20		Sand
20	40		Quicksand & gravel (small amt. water 27'-30')
40	85		Red beds
85	130		Blue shale (water 120'-125'-100 gals.per hr.)
130	140		Red shale
140	145		Blue shale
145	180		Red shale
180	195		Blue shale
195	205		Sand (small amt. water)
205	300		Brown shale
300	310		Blue shale
310	330		Brown shale
330	345		Red rock
345	450		Blue shale
450	530		Brown shale (trace CO2 gas at 525')
530	580		Sand broken (small amt. water 555'-560')
580	595		Red bed
595	640		Blue clay (cavy at 620' cemented off with (90 sacks)
640	675		Sandy shale
675	685		Gray sand
685	720		Brown sand (CO2 gas at 700'--705')
720	800		Brown sand
800	875		Shale
875	900		Sandy
900	935		Blue shale
935	965		Red beds
965	1020		Lime shells
1020	1035		Sandy shale
1035	1145		Red shale
1145	1160		Lime
1160	1245		Anhydrite (small amt. water at 1205'-1210')
1245	1265		Red shale
1265	1290		Lime
1290	1300		Shale
1300	1330		Lime (broken)
1330	1360		Blue shale
1360	1370		Lime
1370	1377		Shale - light
1377	1390		Shale - Sandy
1390	1475		Sand - white (small amt. water 1390'-1400')
1475	1495		Sand - brown
1495	1500		Lime
1500	1515		Sandy shale
1515	1550		Lime
1550	1560		Sandy shale
1560	1595		Lime
1595	1600		Red shale
1600	1605		Lime - sandy
1605	1890		Red sand
1890	1905		Gray lime
1905	1965		Red sand - CO2 gas (1950'--1965') 565# gauge pressure approx. 750,000 cu.ft.
1965	1980		Red sand
1980	1990		Red sand (increase in CO2 gas (approx. 1,750,000 cu. ft.) (shut in pressure 565#