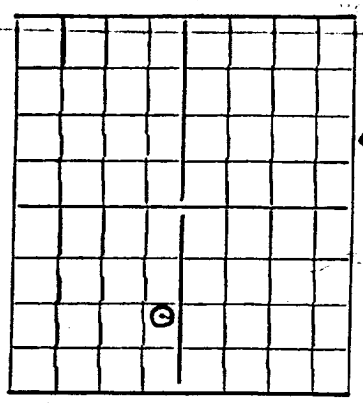
Santa Fe, New Mexico

WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

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 TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Estancia Valley Carbon Dioxide Development Co., McIntosh, New Mexico
Company or Operator — Address

De Hart Well No. 1 in SE¼ SW¼ of Sec. 12, T. 7 N
Lease

R. 7 E, N. M. P. M., Field, Torrance County.

Well is 4180 feet south of the North line and 2980 feet west of the East line of Sec 12

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is J. De Hart, Address

If Government land the permittee is, Address

The Lessee is Estancia Valley Carbon Dioxide Development Co., McIntosh, N. M.

Drilling commenced February 19 19 30, Drilling was completed June 14 19 31

Name of drilling contractor, Address

Elevation above sea level at top of casing feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

CARBON DIOXIDE GAS

No. 1, from 1222 to 1278 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

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

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
6 5/8	20			1222	JLP				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	6 5/8	1222	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 ..... feet to ..... feet, and from ..... feet to ..... feet

PRODUCTION

Put to producing ....., 19....

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 ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

Ben Strotman, Driller ....., Driller

....., Driller ....., 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.

McIntosh, N. M. Feb. 1, 1946
Place Date

Subscribed and sworn to before me this 8th day of February, 1946

Name Neill Patterson

Position NEILL PATTERSON Production Supt.

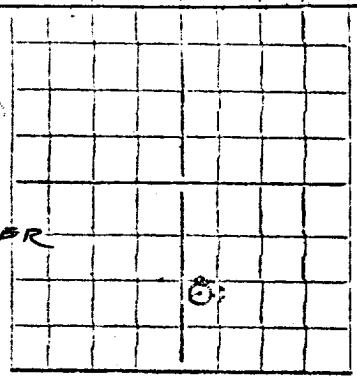
Notary Public. Representing Estancia Valley Carbon Dioxide Development Co.
Company or Operator

My Commission expires 4-26-47

Address McIntosh, N. M.

FROM	TO	THICKNESS IN FEET	FORMATION
0	5	5	Soil
5	18	13	Red Pack Sand
18	30	12	Grey Lime Boulders
30	43	13	Bluelime
43	50	7	Lime, grey
50	60	10	Rock Red
60	72	12	Sand
72	89	17	Rock Red
89	92	3	Sand
92	113	21	Rock Red
113	121	8	Sand
121	126	5	Slate
126	136	10	Quick Sand
136	150	14	Shale
150	153	3	Sand lime
153	167	14	Shale blue
167	177	10	Rock red
177	194	17	Lime grey
194	199	5	Clay yellow
199	207	8	Lime gray
207	214	7	Rock red
214	220	6	Sandy lime, grey
220	234	14	Rock red
234	242	8	Lime grey
242	288	46	Shale red
288	294	6	Lime sandy grey
294	321	27	Shale red
321	325	4	Lime blue
325	332	7	Shale blue
332	338	6	Lime sandy
338	352	14	Shale grey
352	362	10	Sand brown
362	368	6	Shale brown
368	390	22	Lime white
390	395	5	Shale blue
395	404	9	Lime blue
404	407	3	Shale grey
407	419	12	Lime grey
419	442	23	Sand grey
442	444	2	Shale black
444	452	8	Sand grey
452	453	1	Shale red
453	460	7	Lime brown
460	463	3	Sand grey
463	464	1	Shale red
464	476	12	Shale, sandy, black
476	480	4	Sand grey (Record ahead of hole 6½" at 483
470	476	6	Lime grey
476	480	4	Shale black
480	492	12	Lime, grey and black
492	493	1	Sand brown (soft)
493	524	31	Lime, black and sandy
524	542	18	Shale, grey and sandy
542	544	2	Sand, grey
544	550	6	Sand grey
550	557	7	Shale and lime shells
557	574	17	Lime black
574	579	5	Red rock
579	632	53	Sand brown
632	643	11	Lime white
643	648	5	Shale black
648	655	7	Lime grey
655	657	2	Shale light

FIRST WATER



AREA 640 ACRES
LOCATE WELL CORRECTLY

643	648	5	Shale black
648	655	7	Lime grey
655	657	2	Snale light
657	668	11	Shale black,
668	676	8	Sand brown
676	694	18	Shale red and grey
694	723	29	Shale grey
723	725	2	Sand brown
725	732	7	Lime black
732	739	7	Shale black
739	751	12	Lime black
751	755	4	Red rock
755	765	10	Sand grey
765	769	4	Shale grey
769	777	8	Lime black
777	781	4	Shale black
781	800	19	Sand grey
800	805	5	Shale greenish, sandy
805	810	5	Sand light
810	835	25	Lime black
835	841	6	Shale black
841	845	4	Lime white
845	848	3	Shale black
848	851	3	Lime black
851	854	3	Shale black
854	858	4	Sand grey
858	860	2	Shale light
860	872	12	Sand grey
872	875	3	Shale light
875	887	12	Red rock
887	925	38	Lime grey
925	928	3	Snale black
928	940	12	Lime black
940	971	31	Shale blue
971	976	5	Sand white
976	981	5	Sand greenish
981	997	16	Red rock and blue shale
997	1008	11	Sand
1008	1033	25	Shale black
1033	1040	7	Sand grey
1040	1057	17	Lime grey
1057	1060	3	Shale black
1060	1064	4	Sandy lime, shells, shale
1064	1066	2	Sand greenisn
1066	1069	3	Shale black
1069	1073	4	Lime sandy grey
1073	1078	5	Lime black
1078	1082	4	Shale black
1082	1083	1	Lime shell
1083	1088	5	Shale blue
1088	1093	5	Shale red
1093	1096	3	Broken sand & shale
1096	1104	8	Sand grey
1104	1110	6	Lime shells & shale
1110	1124	14	Lime black
1124	1158	34	Shale black
1158	1165	7	Sand grey
1165	1195	30	Shale black
1195	1198	3	Sand grey
1198	1218	20	Shale talc
1218	1223	5	Sand grey
1223	1240	17	Shale black
1240	1270	30	Sandy lime
1270	1329	59	Hard schist, red snarp
1329	1339	10	Sand grey

668	676	8	Sand brown
676	694	18	Shale red and grey
694	723	29	Shale grey
723	725	2	Sand brown
725	732	7	Lime black
732	739	7	Shale black
739	751	12	Lime black
751	755	4	Red rock
755	765	10	Sand grey
765	769	4	Shale grey
769	777	8	Lime black
777	781	4	Shale black
781	800	19	Sand grey
800	805	5	Shale greenish, sandy
805	810	5	Sand light
810	835	25	Lime black
835	841	6	Shale black
841	845	4	Lime white
845	848	3	Shale black
848	851	3	Lime black
851	854	3	Shale black
854	858	4	Sand grey
858	860	2	Shale light
860	872	12	Sand grey
872	875	3	Shale light
875	887	12	Red rock
887	925	38	Lime grey
925	928	3	Shale black
928	940	12	Lime black
940	971	31	Shale blue
971	976	5	Sand white
976	981	5	Sand greenish
981	997	16	Red rock and blue shale
997	1008	11	Sand
1008	1033	25	Shale black
1033	1040	7	Sand grey
1040	1057	17	Lime grey
1057	1060	3	Shale black
1060	1064	4	Sandy lime, shells, shale
1064	1066	2	Sand greenish
1066	1069	3	Shale black
1069	1073	4	Lime sandy grey
1073	1078	5	Lime black
1078	1082	4	Shale black
1082	1083	1	Lime shell
1083	1088	5	Shale blue
1088	1093	5	Shale red
1093	1096	3	Broken sand & shale
1096	1104	8	Sand grey
1104	1110	6	Lime shells & shale
1110	1124	14	Lime black
1124	1158	34	Shale black
1158	1165	7	Sand grey
1165	1195	30	Shale black
1195	1198	3	Sand grey
1198	1218	20	Shale talc
1218	1223	5	Sand grey
1223	1240	17	Shale black
1240	1270	30	Sandy lime
1270	1329	59	Hard schist, red sharp
1329	1339	10	Sand grey
1339	1408	69	Hard schist at 1408 (record ahead of hole at 1336' 12'.)