

U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **060420**

LEASE OR PERMIT TO PROSPECT

Capps-Federal
RECEIVED

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Magnolia Petroleum Company** Address **P.O. Box 633 Midland, Texas**
Lessor or Tract **Capps-Federal** Field **Bough** State **New Mexico**
Well No. **4** Sec. **24** T. **9S** R. **35E** Meridian **N.M.P.M.** County **Lea**
Location **660** ft. **N.** of **N.** Line and **660** ft. **E.** of **W.** Line of **Section 24** Elevation **4123**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

R.T. GERMANDate **May 1, 1957**Title **Division Superintendent**

The summary on this page is for the condition of the well at above date.

Commenced drilling **December 1, 1956** Finished drilling **February 3, 1957**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ----- to ----- No. 4, from ----- to -----
No. 2, from ----- to ----- No. 5, from ----- to -----
No. 3, from ----- to ----- No. 6, from ----- to -----

IMPORTANT WATER SANDS

No. 1, from **50** to **130** No. 3, from ----- to -----
No. 2, from **380** to **420** No. 4, from ----- to -----

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4	32.75	8 RT	Rep	420					
7-5/8	24.0	8 RT	Rep	2558					
7-5/8	26.40	8 RT	Rep	1400					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	420	425	Circulated	1.217	390
7-5/8	4188	1400	Circulated	1.217	454

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set ---
Adapters—Material ----- Size -----

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
---	---	---	---	---	---	---
---	---	---	---	---	---	---

TOOLS USED

Rotary tools were used from **0** feet to **9764** feet, and from ----- feet to ----- feet
Cable tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

DATES

Abandoned

-----, 19----- Put to producing **Dry-Temporarily**, 19-----

The production for the first 24 hours was --- barrels of fluid of which ---% was oil; ---% emulsion; ---% water; and ---% sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

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

EMPLOYEES

Magnolia Petroleum Company Driller -----, Driller
Rig # 4 -----, Driller -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2764	3488	724	Yates
3488	4038	550	Queen
4038	5468	1430	San Andres
5468	7667	2199	Glorietta
7667	8898	1231	Abo
8898	9632	734	Permo Penn
9632	----	----	Bough "C".

SUMMARY

12-1-56 Spudded.
12-3-56 Set 10-3/4" Csg on btm at 420' w/425 sx. Circ. Tested OK.
12-10-56 Run 7-5/8" Csg to be cen on btm.
12-11-56 WOC 7-5/8" Csg on btm w/1400 sx. Circ. Tested OK.
1-4-57 Fishing for 1 RB cone, 6 hrs.
1-7-57 Fish & recover 1 6-3/4" RB cone 9 hrs.
1-25-57 Ran junk basket to clean up hole. Ran Gamma Ray Neutron Log @ 9606', Indicated 15' Low to Hobbs-Leonard #1, 22' Low to Capps-Federal #3.
1-28-57 Prep. DST Bough "B". Cored 9580'-9664'. Cored 9608'-9664' Rec. 56' lime & shale- no shows.
1-29-57 Coring Bough "C" from 9664'. Dst Bough "B" 9580-9664'. 2 hrs 5/8 X 1" ch. no W.C. Rec. 390' slightly gas-cut drlg. mud. SFP-0# BHFP-230#. 30 min. BHSIP-780#.
1-31-57 Pulling cora from 9724'. Cored 9664-9724'. Rec. 60' lime, shale.
2-1-57 Prep. to DST Penn. Show in core from 9746-55'.
2-4-57 Attempted DST abandoned @ 9640'. Drilled out Bridge @ 964-65'.
2-5-57

FORMATION RECORD—CODED

Cond. 13 hrs. DST 9736'-9756' 2 hrs, 5/8 X 1" ch. No W.C.
Rec. 1260' salt water. SFP 0#. BHFP 230#. 30 min. BHSIP 780#.
Ran Elec. logs. Ran Magnolia Acoustic Log.

2-5-57 9764' TD. Set Cement plugs over all formations. Rig released 7 AM,
2-5-57. Well Temporarily Abandoned 2-4-57.

[illegible]

OFFICE OF GAS SALES CONTROL
WASHINGTON, D. C.

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

FROM		TO		TOTAL FEET		FORMATION	
FORMATION RECORD—Continued							