

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **078504**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
SEP 23 1957
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **El Paso Natural Gas Company** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **San Juan 32-9** Field **Blanco** State **New Mexico**
Well No. **49** Sec. **23** T. **32 N** R. **10W** Meridian **N. M. P. M.** County **San Juan**
Location **990** ft. **N.** of **N.** Line and **1450** ft. **E.** of **E.** Line of **Sec. 23** Elevation **6893**
(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. Original Signed **D. C. Johnson**
Signed _____

Date **September 19, 1957** Title **Petroleum Engineer**

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

Commenced drilling **6-15**, 19**57** Finished drilling **7-12**, 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3690** to **3815 (G)** No. 4, from **5997** to **6021 (G)**
No. 2, from **5582** to **5682 (G)** No. 5, from _____ to _____
No. 3, from **5682** to **5997 (G)** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ 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	P. E.	SW	162	Howe				Surface
7 5/8	26.40	8 rd.	J-55	3950	Howe				Int. pump.
5 1/2	18.50	8 rd.	J-55	5363	Howe				Prod. log.
2 3/8	4.7	8 rd.	J-55	5363	Howe				Prod. log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	174	150	Circulated		
7 5/8	3960	250	Single Stage		
5 1/2	5974	300	Single Stage		

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
SEE WELL HISTORY						

TOOLS USED

Rotary tools were used from **174** feet to **3960** feet, and from **3960** feet to **6021** feet
Cable tools were used from **0** feet to **3960** feet, and from _____ feet to _____ feet

DATES

7-16, 19**57** Put to producing _____, 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 **48,535,000** Gallons gasoline per 1,000 cu. ft. of gas **0**

Rock pressure, lbs. per sq. in. **989 Ch. Val. 4983 MCF/D**
EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2990	2990	Tan to gry cr-grn ss interbedded w/gry sh.
2990	3254	264	Gry sh interbedded w/tight gry fine-grn ss.
3254	3690	436	Gry carb sh, scattered coals, coals and gry, tight, fine grn ss.
3690	3815	125	Gry, fine-grn tight, varicolored soft ss.
3815	5582	1767	Gry to white dense sh w/silty to shaly ss breaks.
5582	5682	100	ss. Gry, fine-grn, dense sil ss.
5682	5997	315	Gry, fine-grn, s, carb sh & coal.
5997	6021	24	Gry, very fine sil ss w/frequent sh breaks.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

17W RAD 30 30 30 30.1

LOCATE WELL CORRECTLY

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.

Original signed D. C. Johnson

Location _____
Well No. _____
Owner or Operator _____
County _____ State _____
Company _____
Date _____

The number on this page is for the convenience of the reader only.

RECEIVED
JAN 10 1964
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C. 20250

10/12/1944

[illegible]

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

of shers. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or pumping.

16-5084-2 U. S. GOVERNMENT PRINTING OFFICE

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1. Name of the person or organization	2. Address	3. City	4. State	5. Zip
Mr. J. Edgar Hoover	2400 Wilson Building	Washington, D.C.	D.C.	20535

[illegible]

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
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1. Name of the person or organization to whom the information is being furnished	Dr. J. Edgar Hoover, Director, FBI
2. Name of the person or organization from whom the information is being furnished	Mr. J. Edgar Hoover, Director, FBI

1. The first of the two is the "General" category, which includes all the other categories.	2. The second of the two is the "Specific" category, which includes all the other categories.
3. The third of the two is the "Detailed" category, which includes all the other categories.	4. The fourth of the two is the "Detailed" category, which includes all the other categories.

2025 RELEASE UNDER E.O. 14176

FORM NO. 10-64 (REV. 11-29-63) GPO : 1964 O - 358-084

1. The following information is being furnished to you for your information:	100	100	100
2. The following information is being furnished to you for your information:	100	100	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	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554
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