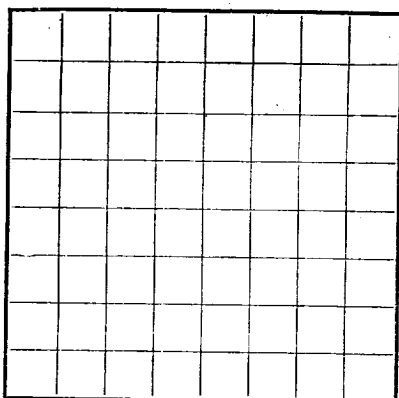




LOCATE WELL CORRECTLY

3 - U.S.G.S.
1 - Bville
1 - Div
1 - File

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 079353

LEASE OR PERMIT TO PROSPECT

San Juan Unit 32-0

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Co. Address Box 939, Aztec, N.M.

Lessor or Tract Field Blanco State New Mexico

Well No. Mesa 4-15 Sec. 15 T. 32N R. 8E Meridian N.M.P.M. County San Juan

Location 1500 ft. N. of S. Line and 1650 ft. E. of W. Line of Section 15 Elevation 6915
(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 Earl Stearn

Date 12-29-54 Title Dist Supt

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

Commenced drilling 7-26-53, 19 Finished drilling 9-9-53, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3460 to 3821	No. 4, from 5802 to 5912
No. 2, from 3821 to 3904	No. 5, from 5912 to 6166
No. 3, from 3904 to 4022	No. 6, from 6166 to 6445

IMPORTANT WATER SANDS

No. 1, from 2847 to 2949	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	Purposed
10-3/4"	23.70	N	Armed	161'	Baker		
7"	23	N	Armed	204'	Baker		
7"	23	N	Armed	204'	Baker		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	174.10'	105 ex	Halliburton		
7"	5628'	400 ex 2stage	Halliburton		

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
		NO-100%	1920 lbs	9-9-53	5795-6445	to TD.

TOOLS USED

Rotary tools were used from 0 feet to 6445 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

12-30-53, 19 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 560 MCFD Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 995

EMPLOYEES

J. A. Byrd — Lease Foreman, Driller
Driller
Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2847	2847	Sand & shale — Tertiary
2847	2949	102	Sandstone, some shale stringers Ojo Alamo
2949	3460	511	Shale, sandstone, calcareous, trace of coal — Kirtland
3460	3821	361	Interbedded coal, shale & sds Fruitland
3821	3904	83	Sandstone w/ sh & coal strgs Upper P.C.
3904	4022	118	Sandstone, calc, shale carb. True P.C.
4022	5802	1780	Shale & shaly sand. Sand sect. in middle & lower part — Lewis
5802	5912	110	Sandstone, shale stringers — Cliff House
5912	6166	254	Sands, Carb shales & coal — Menefee
6166	6445 (TD)	329	Sandstone, shale stringers — Point Lookout

(OVER)

FORMATION RECORD—CONTINUED

IN REPLY TO LETTER OF 11/11/54 FROM THE
BUREAU OF LAND OFFICE, WASHINGTON, D.C.
RE: BUREAU OF LAND OFFICE, WASHINGTON, D.C.
RE: BUREAU OF LAND OFFICE, WASHINGTON, D.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

JUL 1953 - JAN 1954

[illegible][illegible]

1. The following information was obtained from the records of the FBI, New York Office, dated 10/10/68:

ON OR 62 BANDS OF NOISES

(C) 1999 by John Wiley & Sons, Inc.

Case	Condition	Result	Proof
(a)	$\mathcal{C} \in \mathcal{C}_1$	$\mathcal{C} \in \mathcal{C}_1$	Trivial
(b)	$\mathcal{C} \in \mathcal{C}_2$	$\mathcal{C} \in \mathcal{C}_2$	Trivial
(c)	$\mathcal{C} \in \mathcal{C}_3$	$\mathcal{C} \in \mathcal{C}_3$	Trivial

IMPORTANT WATER SANDS

1. The number of people who are not in the club is 100.	2. The number of people who are in the club is 100.	3. The number of people who are not in the club is 100.	4. The number of people who are in the club is 100.
5. The number of people who are not in the club is 100.	6. The number of people who are in the club is 100.	7. The number of people who are not in the club is 100.	8. The number of people who are in the club is 100.

STROTH, UNBAC

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
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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, together with the reasons for the work and the results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

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

[illegible]