

Form 9-330

U. S. LAND OFFICE Jicarilla Indian
SERIAL NUMBER Tract #182
LEASE OR PERMIT TO PROSPECT Cont. #93

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Pacific Northwest Pipeline Corp. Address 405 1/2 West Broadway
Lessor or Tract Tract #182, Jicarilla Indian Field MY Wilcox State New Mexico
Well No. W-42 Sec. 33 T. 27N R. 3W Meridian N.M.P.M. County Rio Arriba
Location 150 ft. N of S. Line and 990 ft. E of W. Line of Sec. 33 Elevation 7106
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 by T. Al Degan
Signed _____
Date April 12, 1957 Title Asst. Division Manager

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

Commenced drilling July 28, 1956 Finished drilling February 14, 1957.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5590 to 6200 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 Home 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	8 rd.	J. M.	182.83	Baker				
7-5/8	26.14	8 rd.	C. F. & I.	106.67	Baker				
5-1/2	14.15	8 rd.	C. F. & I.	216.61	Baker		5590	6040	Well Comp.
2-3/8 tubing	50.06	18		51.05					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	197+93	150 reb.	Pump plug		
7-5/8	4150	150 ex 8" 75 ex reg.	Pump plug		
5-1/2	6200	150 reg. w/80# HR-4	Pump plug		

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 6200 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

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

Rock pressure, lbs. per sq. in. **Csg. 1370, Tbg. 1300#, Too small to measure at the end of three hours.**

_____ Driller

M. B. Jones, Drilling Engineer, ~~XXXXX~~ _____, Driller

_____ Driller _____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3365	3365	Surface
3365	3540	175	Ojo Alamo- Sand
3540	3695	155	Kirtland - Sand & shale
3695	3825	130	Fruitland - Interbedded sands, shale & coals.
3825	3935	110	P. C. - Sand
3935	5590	1655	Lewis - Shale w/sand
5590	5672	82	Cliff House - Sand
5672	5965	293	Monafec - Interbedded sand, shale & coals.
5965			Point Lookout - Sand
6200			Total Depth
6136			P.B. Total Depth

1955.

15

[OVER]

16-43094-4

ROBERT LION RECORD—OCTOBER 1994

1. 1960-61 - 1961-62 - 1962-63 - 1963-64 - 1964-65 - 1965-66 - 1966-67 - 1967-68 - 1968-69 - 1969-70 - 1970-71 - 1971-72 - 1972-73 - 1973-74 - 1974-75 - 1975-76 - 1976-77 - 1977-78 - 1978-79 - 1979-80 - 1980-81 - 1981-82 - 1982-83 - 1983-84 - 1984-85 - 1985-86 - 1986-87 - 1987-88 - 1988-89 - 1989-90 - 1990-91 - 1991-92 - 1992-93 - 1993-94 - 1994-95 - 1995-96 - 1996-97 - 1997-98 - 1998-99 - 1999-00 - 2000-01 - 2001-02 - 2002-03 - 2003-04 - 2004-05 - 2005-06 - 2006-07 - 2007-08 - 2008-09 - 2009-10 - 2010-11 - 2011-12 - 2012-13 - 2013-14 - 2014-15 - 2015-16 - 2016-17 - 2017-18 - 2018-19 - 2019-20 - 2020-21 - 2021-22 - 2022-23 - 2023-24 - 2024-25 - 2025-26 - 2026-27 - 2027-28 - 2028-29 - 2029-30 - 2030-31 - 2031-32 - 2032-33 - 2033-34 - 2034-35 - 2035-36 - 2036-37 - 2037-38 - 2038-39 - 2039-40 - 2040-41 - 2041-42 - 2042-43 - 2043-44 - 2044-45 - 2045-46 - 2046-47 - 2047-48 - 2048-49 - 2049-50 - 2050-51 - 2051-52 - 2052-53 - 2053-54 - 2054-55 - 2055-56 - 2056-57 - 2057-58 - 2058-59 - 2059-60 - 2060-61 - 2061-62 - 2062-63 - 2063-64 - 2064-65 - 2065-66 - 2066-67 - 2067-68 - 2068-69 - 2069-70 - 2070-71 - 2071-72 - 2072-73 - 2073-74 - 2074-75 - 2075-76 - 2076-77 - 2077-78 - 2078-79 - 2079-80 - 2080-81 - 2081-82 - 2082-83 - 2083-84 - 2084-85 - 2085-86 - 2086-87 - 2087-88 - 2088-89 - 2089-90 - 2090-91 - 2091-92 - 2092-93 - 2093-94 - 2094-95 - 2095-96 - 2096-97 - 2097-98 - 2098-99 - 2099-00 - 2100-01 - 2101-02 - 2102-03 - 2103-04 - 2104-05 - 2105-06 - 2106-07 - 2107-08 - 2108-09 - 2109-10 - 2110-11 - 2111-12 - 2112-13 - 2113-14 - 2114-15 - 2115-16 - 2116-17 - 2117-18 - 2118-19 - 2119-20 - 2120-21 - 2121-22 - 2122-23 - 2123-24 - 2124-25 - 2125-26 - 2126-27 - 2127-28 - 2128-29 - 2129-30 - 2130-31 - 2131-32 - 2132-33 - 2133-34 - 2134-35 - 2135-36 - 2136-37 - 2137-38 - 2138-39 - 2139-40 - 2140-41 - 2141-42 - 2142-43 - 2143-44 - 2144-45 - 2145-46 - 2146-47 - 2147-48 - 2148-49 - 2149-50 - 2150-51 - 2151-52 - 2152-53 - 2153-54 - 2154-55 - 2155-56 - 2156-57 - 2157-58 - 2158-59 - 2159-60 - 2160-61 - 2161-62 - 2162-63 - 2163-64 - 2164-65 - 2165-66 - 2166-67 - 2167-68 - 2168-69 - 2169-70 - 2170-71 - 2171-72 - 2172-73 - 2173-74 - 2174-75 - 2175-76 - 2176-77 - 2177-78 - 2178-79 - 2179-80 - 2180-81 - 2181-82 - 2182-83 - 2183-84 - 2184-85 - 2185-86 - 2186-87 - 2187-88 - 2188-89 - 2189-90 - 2190-91 - 2191-92 - 2192-93 - 2193-94 - 2194-95 - 2195-96 - 2196-97 - 2197-98 - 2198-99 - 2199-00 - 2200-01 - 2201-02 - 2202-03 - 2203-04 - 2204-05 - 2205-06 - 2206-07 - 2207-08 - 2208-09 - 2209-10 - 2210-11 - 2211-12 - 2212-13 - 2213-14 - 2214-15 - 2215-16 - 2216-17 - 2217-18 - 2218-19 - 2219-20 - 2220-21 - 2221-22 - 2222-23 - 2223-24 - 2224-25 - 2225-26 - 2226-27 - 2227-28 - 2228-29 - 2229-30 - 2230-31 - 2231-32 - 2232-33 - 2233-34 - 2234-35 - 2235-36 - 2236-37 - 2237-38 - 2238-39 - 2239-40 - 2240-41 - 2241-42 - 2242-43 - 2243-44 - 2244-45 - 2245-46 - 2246-47 - 2247-48 - 2248-49 - 2249-50 - 2250-51 - 2251-52 - <

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[illegible]

Part. 7966-90 and trac UFL w/ \$1,500 cash at a 11,000 sq ft building on Highway 2500, State

[illegible][illegible]

Perf. 6068-76, 6082-90, 6092-6098, 6100-6104, 6106-6110, 6118-6132, 6134-6140

1. The first step in the process of the investigation is to identify the problem. This is done by the investigator who is assigned to the case. The investigator will then gather information about the problem and the people involved. This information will be used to develop a plan of action. The plan of action will be implemented and the results will be evaluated. If the results are not satisfactory, the plan will be revised and the process will be repeated. The process of the investigation is a continuous one and it is important to keep the information up to date. The investigator will also keep the people involved informed of the progress of the investigation. This will help to build trust and cooperation. The process of the investigation is a team effort and it is important to work together to solve the problem. The investigator will also keep the people involved informed of the progress of the investigation. This will help to build trust and cooperation. The process of the investigation is a team effort and it is important to work together to solve the problem.

IMPORTED WATER SANDS, 414
 2100, set 2104 of 2-1/2 and 4/16 inch, float
 2100, set 2104 of 2-1/2 and 4/16 inch, float

[illegible][illegible][illegible][illegible]

HISTORY OF OIL OR GAS WELL

MIDDING AND CEMENTING RECORD

Serial Number of the Record	Date of Birth	Place of Birth	Current Residence	Occupation	Remarks
1	1945	India	India	Student	
2	1946	India	India	Student	
3	1947	India	India	Student	
4	1948	India	India	Student	
5	1949	India	India	Student	

PLUGS AND ADAPTERS

Adapters - Material	Size	
Heaving plug - Material	Length	10 inch set

SHOOTING RECORD

Spec	Spec used	Expenditure used	Quantity	Date	Where used	Project number

FOOT 2121

[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	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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The books for the 14 hours are

[illegible][illegible]

FORMATION RECORD

[illegible]**FORMATION**

TOTAL FEET

— 0 —

—FROM—