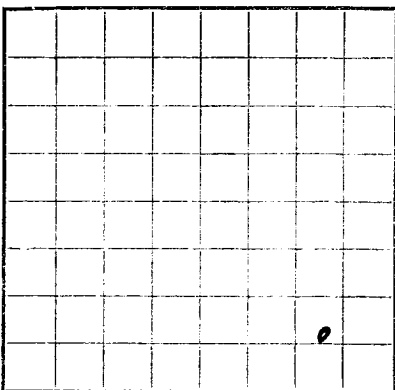


Form 9-330

U. S. LAND OFFICE Jicarilla
SERIAL NUMBER Contract No. 147
LEASE OR PERMIT TO PROSPECT
Co. Loc. No. 196183

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address Box 1266, Farmington, New Mexico
Lessor or Tract Indians U.S. Jicarilla Apache Tribe of Field Pictured Cliffs State New Mexico
Well No. 4 Sec 6 T 23N R. 9E Meridian _____ County Rio Arriba
Location 990 ft. N. of 8 Line and 990 ft. W. of 8 Line of Sec. 6 Elevation 6645 ft.
(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 Russell M. Lilly
Date April 16, 1956 Title District Superintendent

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

Commenced drilling 3-29, 19 56 Finished drilling 4-4 19 56

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 0 2820 to 2876 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 _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
<u>8-5/8"</u>	<u>24</u>	<u>8</u>	<u>CPAI</u>	<u>307'</u>	<u>Texas Pat.</u>	<u>-</u>		
<u>5-1/2"</u>	<u>14</u>	<u>8</u>	<u>CPAI</u>	<u>2718'</u>	<u>Ball</u>	<u>2822</u>	<u>2876</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>320'</u>	<u>270</u>	<u>Pumped</u>	<u>9.64</u>	
<u>5-1/2"</u>	<u>2928'</u>	<u>275</u>	<u>Pumped</u>	<u>9.34</u>	

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
		<u>None</u>				

TOOLS USED

Rotary tools were used from 0 feet to 2930' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 9, 19 56 Put to producing Well shut in - no pipeline connections. 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 1,923,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 5734 S.I. P.

EMPLOYEES

M. E. Weyman, Driller A. F. Sample, Driller
D. L. Leonard, Driller John Brown, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>325</u>	<u>325</u>	<u>Rock & Sand</u>
<u>325</u>	<u>1017</u>	<u>692</u>	<u>Sand & Shale</u>
<u>1017</u>	<u>2930 TD</u>	<u>1913</u>	<u>Sand & Shale</u>
			<u>Top of Pictured Cliffs at 2820'</u>

[OVER]

... (mirrored text) ...

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

The information given here is a complete and correct record of the well and all work done thereon.
 Signed _____
 Location _____
 Date _____
 The company, whether paid or not, is

Each member of the staff is to maintain and report on the progress of the work assigned to him.

BT/01 00 000000 000000 000000

No. 8 from 1960 to 1961
 No. 2 from 1962 to 1963
 No. 1 from 1964 to 1965

ANALYST DATA - 11/11/2011

[illegible]

with the reasons for the work and its 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 balling.

STORY OF OIL ON GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-48094-2

GENERAL INFORMATION		PRODUCTION		RESERVES		REMARKS	
NAME	LOCATION	DATE	QUANTITY	DATE	QUANTITY	DATE	REMARKS
1. NAME	2. LOCATION	3. DATE	4. QUANTITY	5. DATE	6. QUANTITY	7. DATE	8. REMARKS
9. NAME	10. LOCATION	11. DATE	12. QUANTITY	13. DATE	14. QUANTITY	15. DATE	16. REMARKS
17. NAME	18. LOCATION	19. DATE	20. QUANTITY	21. DATE	22. QUANTITY	23. DATE	24. REMARKS
25. NAME	26. LOCATION	27. DATE	28. QUANTITY	29. DATE	30. QUANTITY	31. DATE	32. REMARKS
33. NAME	34. LOCATION	35. DATE	36. QUANTITY	37. DATE	38. QUANTITY	39. DATE	40. REMARKS
41. NAME	42. LOCATION	43. DATE	44. QUANTITY	45. DATE	46. QUANTITY	47. DATE	48. REMARKS
49. NAME	50. LOCATION	51. DATE	52. QUANTITY	53. DATE	54. QUANTITY	55. DATE	56. REMARKS
57. NAME	58. LOCATION	59. DATE	60. QUANTITY	61. DATE	62. QUANTITY	63. DATE	64. REMARKS
65. NAME	66. LOCATION	67. DATE	68. QUANTITY	69. DATE	70. QUANTITY	71. DATE	72. REMARKS
73. NAME	74. LOCATION	75. DATE	76. QUANTITY	77. DATE	78. QUANTITY	79. DATE	80. REMARKS
81. NAME	82. LOCATION	83. DATE	84. QUANTITY	85. DATE	86. QUANTITY	87. DATE	88. REMARKS
89. NAME	90. LOCATION	91. DATE	92. QUANTITY	93. DATE	94. QUANTITY	95. DATE	96. REMARKS
97. NAME	98. LOCATION	99. DATE	100. QUANTITY	101. DATE	102. QUANTITY	103. DATE	104. REMARKS
105. NAME	106. LOCATION	107. DATE	108. QUANTITY	109. DATE	110. QUANTITY	111. DATE	112. REMARKS
113. NAME	114. LOCATION	115. DATE	116. QUANTITY	117. DATE	118. QUANTITY	119. DATE	120. REMARKS
121. NAME	122. LOCATION	123. DATE	124. QUANTITY	125. DATE	126. QUANTITY	127. DATE	128. REMARKS
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169. NAME	170. LOCATION	171. DATE	172. QUANTITY	173. DATE	174. QUANTITY	175. DATE	176. REMARKS
177. NAME	178. LOCATION	179. DATE	180. QUANTITY	181. DATE	182. QUANTITY	183. DATE	184. REMARKS
185. NAME	186. LOCATION	187. DATE	188. QUANTITY	189. DATE	190. QUANTITY	191. DATE	192. REMARKS
193. NAME	194. LOCATION	195. DATE	196. QUANTITY	197. DATE	198. QUANTITY	199. DATE	200. REMARKS
201. NAME	202. LOCATION	203. DATE	204. QUANTITY	205. DATE	206. QUANTITY	207. DATE	208. REMARKS
209. NAME	210. LOCATION	211. DATE	212. QUANTITY	213. DATE	214. QUANTITY	215. DATE	216. REMARKS
217. NAME	218. LOCATION	219. DATE	220. QUANTITY	221. DATE	222. QUANTITY	223. DATE	224. REMARKS
225. NAME	226. LOCATION	227. DATE	228. QUANTITY	229. DATE	230. QUANTITY	231. DATE	232. REMARKS
233. NAME	234. LOCATION	235. DATE	236. QUANTITY	237. DATE	238. QUANTITY	239. DATE	240. REMARKS
241. NAME	242. LOCATION	243. DATE	244. QUANTITY	245. DATE	246. QUANTITY	247. DATE	248. REMARKS
249. NAME	250. LOCATION	251. DATE	252. QUANTITY	253. DATE	254. QUANTITY	255. DATE	256. REMARKS
257. NAME	258. LOCATION	259. DATE	260. QUANTITY	261. DATE	262. QUANTITY	263. DATE	264. REMARKS
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273. NAME	274. LOCATION	275. DATE	276. QUANTITY	277. DATE	278. QUANTITY	279. DATE	280. REMARKS
281. NAME	282. LOCATION	283. DATE	284. QUANTITY	285. DATE	286. QUANTITY	287. DATE	288. REMARKS
289. NAME	290. LOCATION	291. DATE	292. QUANTITY	293. DATE	294. QUANTITY	295. DATE	296. REMARKS
297. NAME	298. LOCATION	299. DATE	300. QUANTITY	301. DATE	302. QUANTITY	303. DATE	304. REMARKS
305. NAME	306. LOCATION	307. DATE	308. QUANTITY	309. DATE	310. QUANTITY	311. DATE	312. REMARKS
313. NAME	314. LOCATION	315. DATE	316. QUANTITY	317. DATE	318. QUANTITY	319. DATE	320. REMARKS
321. NAME	322. LOCATION	323. DATE	324. QUANTITY	325. DATE	326. QUANTITY	327. DATE	328. REMARKS
329.							