

• 44

Sec. 29

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **089395 (b)**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company AMERICAN AIR'COO Address 320 E. Broadway, Albuquerque, New Mexico

Lessor or Tract Turner "F" SF 2002-15 DEWITT Washington State New Mexico

Well No. 42 Sec. 29 T. 17A R. 3E Meridian 41 1880-83 North of 33rd St. 41
 Location 560 ft. S. of 1 Line and 1950 ft. E. of 1 Line of Sec. 29 Elevation 3445

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.

Date September 7, 1957

E-JTB Summary of this case is The condition of the wall above date

Commenced drilling ----- July 14 1957. Finished drilling ----- July 22 1957.
9-3-21: Core 42 - 1/3700-3520. Cores 43 1/3520-3530. Cores 44 3530-3540. Cores 45 3540-3550. Cores 46 3550-3560. Cores 47 3560-3570. Cores 48 3570-3580. Cores 49 3580-3590. Cores 50 3590-3600. Cores 51 3600-3610. Cores 52 3610-3620. Cores 53 3620-3630. Cores 54 3630-3640. Cores 55 3640-3650. Cores 56 3650-3660. Cores 57 3660-3670. Cores 58 3670-3680. Cores 59 3680-3690. Cores 60 3690-3700. Cores 61 3700-3710. Cores 62 3710-3720. Cores 63 3720-3730. Cores 64 3730-3740. Cores 65 3740-3750. Cores 66 3750-3760. Cores 67 3760-3770. Cores 68 3770-3780. Cores 69 3780-3790. Cores 70 3790-3800. Cores 71 3800-3810. Cores 72 3810-3820. Cores 73 3820-3830. Cores 74 3830-3840. Cores 75 3840-3850. Cores 76 3850-3860. Cores 77 3860-3870. Cores 78 3870-3880. Cores 79 3880-3890. Cores 80 3890-3900. Cores 81 3900-3910. Cores 82 3910-3920. Cores 83 3920-3930. Cores 84 3930-3940. Cores 85 3940-3950. Cores 86 3950-3960. Cores 87 3960-3970. Cores 88 3970-3980. Cores 89 3980-3990. Cores 90 3990-4000. Cores 91 4000-4010. Cores 92 4010-4020. Cores 93 4020-4030. Cores 94 4030-4040. Cores 95 4040-4050. Cores 96 4050-4060. Cores 97 4060-4070. Cores 98 4070-4080. Cores 99 4080-4090. Cores 100 4090-4100. Cores 101 4100-4110. Cores 102 4110-4120. Cores 103 4120-4130. Cores 104 4130-4140. Cores 105 4140-4150. Cores 106 4150-4160. Cores 107 4160-4170. Cores 108 4170-4180. Cores 109 4180-4190. Cores 110 4190-4200. Cores 111 4200-4210. Cores 112 4210-4220. Cores 113 4220-4230. Cores 114 4230-4240. Cores 115 4240-4250. Cores 116 4250-4260. Cores 117 4260-4270. Cores 118 4270-4280. Cores 119 4280-4290. Cores 120 4290-4300. Cores 121 4300-4310. Cores 122 4310-4320. Cores 123 4320-4330. Cores 124 4330-4340. Cores 125 4340-4350. Cores 126 4350-4360. Cores 127 4360-4370. Cores 128 4370-4380. Cores 129 4380-4390. Cores 130 4390-4400. Cores 131 4400-4410. Cores 132 4410-4420. Cores 133 4420-4430. Cores 134 4430-4440. Cores 135 4440-4450. Cores 136 4450-4460. Cores 137 4460-4470. Cores 138 4470-4480. Cores 139 4480-4490. Cores 140 4490-4500. Cores 141 4500-4510. Cores 142 4510-4520. Cores 143 4520-4530. Cores 144 4530-4540. Cores 145 4540-4550. Cores 146 4550-4560. Cores 147 4560-4570. Cores 148 4570-4580. Cores 149 4580-4590. Cores 150 4590-4600. Cores 151 4600-4610. Cores 152 4610-4620. Cores 153 4620-4630. Cores 154 4630-4640. Cores 155 4640-4650. Cores 156 4650-4660. Cores 157 4660-4670. Cores 158 4670-4680. Cores 159 4680-4690. Cores 160 4690-4700. Cores 161 4700-4710. Cores 162 4710-4720. Cores 163 4720-4730. Cores 164 4730-4740. Cores 165 4740-4750. Cores 166 4750-4760. Cores 167 4760-4770. Cores 168 4770-4780. Cores 169 4780-4790. Cores 170 4790-4800. Cores 171 4800-4810. Cores 172 4810-4820. Cores 173 4820-4830. Cores 174 4830-4840. Cores 175 4840-4850. Cores 176 4850-4860. Cores 177 4860-4870. Cores 178 4870-4880. Cores 179 4880-4890. Cores 180 4890-4900. Cores 181 4900-4910. Cores 182 4910-4920. Cores 183 4920-4930. Cores 184 4930-4940. Cores 185 4940-4950. Cores 186 4950-4960. Cores 187 4960-4970. Cores 188 4970-4980. Cores 189 4980-4990. Cores 190 4990-5000. Cores 191 5000-5010. Cores 192 5010-5020. Cores 193 5020-5030. Cores 194 5030-5040. Cores 195 5040-5050. Cores 196 5050-5060. Cores 197 5060-5070. Cores 198 5070-5080. Cores 199 5080-5090. Cores 200 5090-5100. Cores 201 5100-5110. Cores 202 5110-5120. Cores 203 5120-5130. Cores 204 5130-5140. Cores 205 5140-5150. Cores 206 5150-5160. Cores 207 5160-5170. Cores 208 5170-5180. Cores 209 5180-5190. Cores 210 5190-5200. Cores 211 5200-5210. Cores 212 5210-5220. Cores 213 5220-5230. Cores 214 5230-5240. Cores 215 5240-5250. Cores 216 5250-5260. Cores 217 5260-5270. Cores 218 5270-5280. Cores 219 5280-5290. Cores 220 5290-5300. Cores 221 5300-5310. Cores 222 5310-5320. Cores 223 5320-5330. Cores 224 5330-5340. Cores 225 5340-5350. Cores 226 5350-5360. Cores 227 5360-5370. Cores 228 5370-5380. Cores 229 5380-5390. Cores 230 5390-5400. Cores 231 5400-5410. Cores 232 5410-5420. Cores 233 5420-5430. Cores 234 5430-5440. Cores 235 5440-5450. Cores 236 5450-5460. Cores 237 5460-5470. Cores 238 5470-5480. Cores 239 5480-5490. Cores 240 5490-5500. Cores 241 5500-5510. Cores 242 5510-5520. Cores 243 5520-5530. Cores 244 5530-5540. Cores 245 5540-5550. Cores 246 5550-5560. Cores 247 5560-5570. Cores 248 5570-5580. Cores 249 5580-5590. Cores 250 5590-5600. Cores 251 5600-5610. Cores 252 5610-5620. Cores 253 5620-5630. Cores 254 5630-5640. Cores 255 5640-5650. Cores 256 5650-5660. Cores 257 5660-5670. Cores 258 5670-5680. Cores 259 5680-5690. Cores 260 5690-5700. Cores 261 5700-5710. Cores 262 5710-5720. Cores 263 5720-5730. Cores 264 5730-5740. Cores 265 5740-5750. Cores 266 5750-5760. Cores 267 5760-5770. Cores 268 5770-5780. Cores 269 5780-5790. Cores 270 5790-5800. Cores 271 5800-5810. Cores 272 5810-5820. Cores 273 5820-5830. Cores 274 5830-5840. Cores 275 5840-5850. Cores 276 5850-5860. Cores 277 5860-5870. Cores 278 5870-5880. Cores 279 5880-5890. Cores 280 5890-5900. Cores 281 5900-5910. Cores 282 5910-5920. Cores 283 5920-593

No. 1 from 8-3-23 to 8-3-23

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

g-2-21: Cols 43 - 47 2010-31 IMPOSSIBLE WARRIOR KINGS (21: 2010-31 2010)

No. 1 from _____ to _____ No. 2 from _____ to _____

No. 1, from _____ to _____
No. 2, from _____ to _____

CASING RECORD

Size Length	Weight per foot	Threads per inch	Number of Threads	Amount of Material	Kind of Material	Perforated From—	To—	Remarks
0-5/8	32.3436	32	1-554	1000				Surface of printing
of spots, or marks or pieces were put in to test for color, state kind of material used, position and results of handling or printing. It is to be understood that the material is to be used for the purpose of testing the color and results of printing. It is of the slightest importance to have a complete history of the work. Please state in detail the date of receipt and the date of printing.								
HISTORY OF ONE OF THE METS 10-10-1918 PRINTING OFFICE								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	500	260	B. J. Service, Inc		
7	311	200	B. J. Service, Inc		

PLUGS AND ADAPTERS

Heaving plug—Material ~~None~~ Length _____ Depth set _____
Adapters—Material ~~None~~ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from ~~surface~~ feet to ~~3.33~~ feet, and from _____ feet to _____ feet.

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

DATES

Put to producing August 26, 1957

The production for the first 24 hours was 222 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 37.6

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Billy Cook	, Driller	T.J. Humpin	, Driller
W. [unclear]	, Driller		, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	166	166	Gallinas & Redbed
166	425	259	Redbed & Anhydrite
425	500	25	Salt & Anhydrite
500	1207	707	Anhydrite, Salt & Gypsum
1207	1370	163	Salt
1370	1500	130	Salt & Anhydrite
1500	2105	605	Anhydrite
2105	2865	760	Anhydrite & Lime
2865	3130	265	Dolomite
3130	3431	301	Lime
3431	Total Depth		
3411	Total Plug Back Depth		
			GEOLOGICAL TOPS (from Electric Logs)
			Yates 1533
			Queen 2525
			Grayburg 2797
			San Andres 3335
			AT THE END OF LOWELL'S DRILLER'S LOG, ADD GEOLOGICAL STATE WHETHER FROM EL OR C. LOGS.
LBON	LO	LOLYP LEEEL	LOHNTALION

AT THE END OF YOUR LOG, GRILLERY
LOG, ADD GEOLGICAL STATE
WHETHER FROM EL. OR SAMPLES.

PLEASE OR PERMIT TO PROCEED
SERIAL NUMBER 052327 (4)
U.S. LAND OFFICE DATE OF ISSUE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

DECLASSIFIED BY: 6032 JAL/STP

[illegible]

12-16-51
TICE-TISC/2 - 24 2200
15-51-2

8-9-57: Case 15 - 1/1190-1190. 1902-1, 1904-16 & 1915-50
ALL OR GAS BANDS OR TONES
(Tapes not put in)
Continued drilling July 11
Bottoms 1190-1190 & 1916-1917/1918-1919

[illegible]

8-5-57: Case #3 - 1/3070-11301

6-3-57, Core #2 - E/3010-3070. Core & returned 60. Sandy dolomite. Shows at
CASING RECORD
3010-3070 & 3070-3080 dolomite fractured bedding all.
Weathered off E/3013-27, 3020-28 & 3040-56.

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

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together 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, and location. Also state the date of completion, and the date of the last production. If the well has been abandoned, give date, size, and location. If the well has been plugged, give date, size, and location. If the well has been abandoned, give date, size, and location. If the well has been abandoned, give date, size, and location.

HISTORY OF OIL OR GAS WELL

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

[illegible]

FORMATION RECORD—Continued