

A blank grid paper with a small black dot in the top-left corner. The grid consists of 10 columns and 8 rows. The dot is located at the intersection of the first vertical line from the left and the second horizontal line from the top.

LOCATE WELL CORRECTLY

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Jicarilla
RECEIVED
U. S. LAND OFFICE
SERIAL NUMBER Contract 111
JUL 1 - 1957
LEASE OR PERMIT TO PROSPECT
Jicarilla
FARMINGTON, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company EL PASO NATURAL GAS COMPANY Address Box 997, Farmington, New Mexico
Lessor or Tract Jicarilla Field S. Blanco PC Ext State New Mexico
Well No. 5-H Sec. 6 T. 24N. R. 4W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N. of N. Line and 1090 E. of N. Line of Sec. 6 Elevation 6870
(Derrick base 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.

Date June 21, 1957 Signed [Signature]
Title Senior Petroleum Engineer

Date June 21, 1957 Name Samuel Carl Olson, Engineer
The summary on this page is for the condition of the well at above date: June 21, 1957
Commenced drilling May 10th, 1957 Finished drilling May 24th, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2915 to 2975 (0) 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 _____

CASING RECORD

Case casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Performance		Purpose
							From—	To—	
8-5/8"	24#	8	J-55	97	-	-	-	-	Surface
5-1/2"	15-5#	8	J-55	5000	Texas Pattern	-	2916	2954	Production
MICROBIA OF C OIL FIVE MILES									

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	8-5/8"	107	70	Pump & Plug		
	5-1/2"	3030	100	Pump & Plug		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		None				

TOOLS USED

TOOLS USED

Rotary tools were used from Surface feet to 3031 feet, and from _____ feet to _____ feet

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

DATES

Ran Tubing June 6th, 1957 Put to producing State Potential Test June 14th, 1957

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 766,000 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ----- 865

EMPLOYEES

EMPLOYEES

Benson-Montin-Greer	Driller	Driller
Drilling Corp.	Driller	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
Surface	2806	2806	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
2806	2809	3	Coal
2809	2832	23	Shale
2832	2837	5	Coal
2837	2868	31	Shale
2868	2872	4	Coal
2872	2876	4	Shale
2876	2878	2	Coal
2878	2883	5	Shale
2883	2886	3	Coal
2886	2904	18	Shale
2904	2906	2	Coal
2906	2915	9	Shale
2915	3031	116	Sand
			TOP OF PICTURED CLIFFS 2915'

TOP OF PICTURED CLIFFS 2915'

LOG OF OIL OR GAS WELL

UNITED STATES

Company: EL PASO NATURAL GAS COMPANY
Address: Box 171, Abilene, Texas
Field Office: Abilene, Texas

of 2-10-74 for typing started at 2965, RFB
Low potential test; E. I. H. Line of
Well No. 2-B 2965 T. S. R. M. L. E. I. County

1. ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
 2. DATE 11-11-2011 BY 60322 UCBAW
 3. REASON: 25X, 25Y, 25Z, 26X, 26Y, 26Z, 27X, 27Y, 27Z, 28X, 28Y, 28Z, 29X, 29Y, 29Z, 30X, 30Y, 30Z, 31X, 31Y, 31Z, 32X, 32Y, 32Z, 33X, 33Y, 33Z, 34X, 34Y, 34Z, 35X, 35Y, 35Z, 36X, 36Y, 36Z, 37X, 37Y, 37Z, 38X, 38Y, 38Z, 39X, 39Y, 39Z, 40X, 40Y, 40Z, 41X, 41Y, 41Z, 42X, 42Y, 42Z, 43X, 43Y, 43Z, 44X, 44Y, 44Z, 45X, 45Y, 45Z, 46X, 46Y, 46Z, 47X, 47Y, 47Z, 48X, 48Y, 48Z, 49X, 49Y, 49Z, 50X, 50Y, 50Z, 51X, 51Y, 51Z, 52X, 52Y, 52Z, 53X, 53Y, 53Z, 54X, 54Y, 54Z, 55X, 55Y, 55Z, 56X, 56Y, 56Z, 57X, 57Y, 57Z, 58X, 58Y, 58Z, 59X, 59Y, 59Z, 60X, 60Y, 60Z, 61X, 61Y, 61Z, 62X, 62Y, 62Z, 63X, 63Y, 63Z, 64X, 64Y, 64Z, 65X, 65Y, 65Z, 66X, 66Y, 66Z, 67X, 67Y, 67Z, 68X, 68Y, 68Z, 69X, 69Y, 69Z, 70X, 70Y, 70Z, 71X, 71Y, 71Z, 72X, 72Y, 72Z, 73X, 73Y, 73Z, 74X, 74Y, 74Z, 75X, 75Y, 75Z, 76X, 76Y, 76Z, 77X, 77Y, 77Z, 78X, 78Y, 78Z, 79X, 79Y, 79Z, 80X, 80Y, 80Z, 81X, 81Y, 81Z, 82X, 82Y, 82Z, 83X, 83Y, 83Z, 84X, 84Y, 84Z, 85X, 85Y, 85Z, 86X, 86Y, 86Z, 87X, 87Y, 87Z, 88X, 88Y, 88Z, 89X, 89Y, 89Z, 90X, 90Y, 90Z, 91X, 91Y, 91Z, 92X, 92Y, 92Z, 93X, 93Y, 93Z, 94X, 94Y, 94Z, 95X, 95Y, 95Z, 96X, 96Y, 96Z, 97X, 97Y, 97Z, 98X, 98Y, 98Z, 99X, 99Y, 99Z, 100X, 100Y, 100Z, 101X, 101Y, 101Z, 102X, 102Y, 102Z, 103X, 103Y, 103Z, 104X, 104Y, 104Z, 105X, 105Y, 105Z, 106X, 106Y, 106Z, 107X, 107Y, 107Z, 108X, 108Y, 108Z, 109X, 109Y, 109Z, 110X, 110Y, 110Z, 111X, 111Y, 111Z, 112X, 112Y, 112Z, 113X, 113Y, 113Z, 114X, 114Y, 114Z, 115X, 115Y, 115Z, 116X, 116Y, 116Z, 117X, 117Y, 117Z, 118X, 118Y, 118Z, 119X, 119Y, 119Z, 120X, 120Y, 120Z, 121X, 121Y, 121Z, 122X, 122Y, 122Z, 123X, 123Y, 123Z, 124X, 124Y, 124Z, 125X, 125Y, 125Z, 126X, 126Y, 126Z, 127X, 127Y, 127Z, 128X, 128Y, 128Z, 129X, 129Y, 129Z, 130X, 130Y, 130Z, 131X, 131Y, 131Z, 132X, 132Y, 132Z, 133X, 133Y, 133Z, 134X, 134Y, 134Z, 135X, 135Y, 135Z, 136X, 136Y, 136Z, 137X, 137Y, 137Z, 138X, 138Y, 138Z, 139X, 139Y, 139Z, 140X, 140Y, 140Z, 141X, 141Y, 141Z, 142X, 142Y, 142Z, 143X, 143Y, 143Z, 144X, 144Y, 144Z, 145X, 145Y, 145Z, 146X, 146Y, 146Z, 147X, 147Y, 147Z, 148X, 148Y, 148Z, 149X, 149Y, 149Z, 150X, 150Y, 150Z, 151X, 151Y, 151Z, 152X, 152Y, 152Z, 153X, 153Y, 153Z, 154X, 154Y, 154Z, 155X, 155Y, 155Z, 156X, 156Y, 156Z, 157X, 157Y, 157Z, 158X, 158Y, 158Z, 159X, 159Y, 159Z, 160X, 160Y, 160Z, 161X, 161Y, 161Z, 162X, 162Y, 162Z, 163X, 163Y, 163Z, 164X, 164Y, 164Z, 165X, 165Y, 165Z, 166X, 166Y, 166Z, 167X, 167Y, 167Z, 168X, 168Y, 168Z, 169X, 169Y, 169Z, 170X, 170Y, 170Z, 171X, 171Y, 171Z, 172X, 172Y, 172Z, 173X, 173Y, 173Z, 174X, 174Y, 174Z, 175X, 175Y, 175Z, 176X, 176Y, 176Z, 177X, 177Y, 177Z, 178X, 178Y, 178Z, 179X, 179Y, 179Z, 180X, 180Y, 180Z, 181X, 181Y, 181Z, 182X, 182Y, 182Z, 183X, 183Y, 183Z, 184X, 184Y, 184Z, 185X, 185Y, 185Z, 186X, 186Y, 186Z, 187X, 187Y, 187Z, 188X, 188Y, 188Z, 189X, 189Y, 189Z, 190X, 190Y, 190Z, 191X, 191Y, 191Z, 192X, 192Y, 192Z, 193X, 193Y, 193Z, 194X, 194Y, 194Z, 195X, 195Y, 195Z, 196X, 196Y, 196Z, 197X, 197Y, 197Z, 198X, 198Y, 198Z, 199X, 199Y, 199Z, 200X, 200Y, 200Z, 201X, 201Y, 201Z, 202X, 202Y, 202Z, 203X, 203Y, 203Z, 204X, 204Y, 204Z, 205X, 205Y, 205Z, 206X, 206Y, 206Z, 207X, 207Y, 207Z, 208X, 208Y, 208Z, 209X, 209Y, 209Z, 210X, 210Y, 210Z, 211X, 211Y, 211Z, 212X, 212Y, 212Z, 213X, 213Y, 213Z, 214X, 214Y, 214Z, 215X, 215Y, 215Z, 216X, 216Y, 216Z, 217X, 217Y, 217Z, 218X, 218Y, 218Z, 219X, 219Y, 219Z, 220X, 220Y, 220Z, 221X, 221Y, 221Z, 222X, 222Y, 222Z, 223X, 223Y, 223Z, 224X, 224Y, 224Z, 225X, 225Y, 225Z, 226X, 226Y, 226Z, 227X, 227Y, 227Z, 228X, 228Y, 228Z, 229X, 229Y, 229Z, 230X, 230Y, 230Z, 231X, 231Y, 231Z, 232X, 232Y, 232Z, 233X, 233Y, 233Z, 234X, 234Y, 234Z, 235X, 235Y, 235Z, 236X, 236Y, 236Z, 237X, 237Y, 237Z, 238X, 238Y, 238Z, 239X, 239Y, 239Z, 240X, 240Y, 240Z, 241X, 241Y, 241Z, 242X, 242Y, 242Z, 243X, 243Y, 243Z, 244X, 244Y, 244Z, 245X, 245Y, 245Z, 246X, 246Y, 246Z, 247X, 247Y, 247Z, 248X, 248Y, 248Z, 249X, 249Y, 249Z, 250X, 250Y, 250Z, 251X, 251Y, 251Z, 252X, 252Y, 252Z, 253X, 253Y, 253Z, 254X, 254Y, 254Z, 255X, 255Y, 255Z, 256X, 256Y, 256Z, 257X, 257Y, 257Z, 258X, 258Y, 258Z, 259X, 259Y, 259Z, 260X, 260Y, 260Z, 2

and 10,000 were finished with 1,000 gallons water
Breakdown pressure 3,000, treating pressure 1500-1650#
RADIATE INJECTION RATE 50 G MIN

0-4-57 Moved in cable footlog
0-5-57 cleaned out to 2975'. Perforated 2916' to 2954' with

1-55 casing at 2030 with 100 sacks cement. Temperature survey showed top of cement at 2175.

5-19-57 Moved in rotary
Important water sands
Set 75 (1000) 5-19-57

5-10-57 TD 107, RKB. Set 3 joints 97' of 8-5/8" OD 2 1/2" J 55 casing at 107'. With 70 sacks cement, circulated.

[illegible]

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 the results. If there were any changes made in the casing, state fully, and if any casing was "ridered", 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 pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

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

[illegible]

FORMATION RECORD—Continued