



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

LONG  
SECTION

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Gulf Oil Corporation  
(Company or Operator)

New State "B" A  
(Lease)

Well No. 3, in Lot 14, 1/4 of 1/4 of Sec. 2, T. 10-S, R. 32-E, NMPM.  
Anderson Ranch Wellcamp Pool, Lea County.

Well is 3300 feet from South line and 1900 feet from West line of Section 2. If State Land the Oil and Gas Lease No. is 8-2-10

Drilling Commenced March 22, 1955. Drilling was Completed April 1, 1955

Name of Drilling Contractor Southeastern Drilling Co.

Address 901 Employers Insurance Bldg., Dallas, Tex.

Elevation above sea level at Top of Tubing Head 4995'. The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from 9040 to 9892' No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	43#	new	505'	shot			Surface Pipe
8-5/8"	32 & 28#	new	415'	shot			Int. Casing
5-1/2"	17 & 15.5#	new	939 1/2'	shot		712-970'	Prod. String
						986 1/2-984 1/2'	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-5/8"	626'	650	Rotary Pump		
12-1/4"	8-5/8"	4204'	2150	" " " "		
7-7/8"	5-1/2"	9911'	275	" " " "		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

5-17-55 - treated perforations in 5-1/2" casing from 986 1/2-984 1/2' with 2000 gallons 15% HCl acid.

5-23-55 - treated perforations in 5-1/2" casing from 986 1/2-984 1/2' with 4000 gallons 15% HCl acid.

Result of Production Stimulation Pumped 175 bbls oil, 10 water and 1 1/2" tank to 1100 ft.

Depth Cleaned Out \_\_\_\_\_

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 912 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 19, 1955

OIL WELL: The production during the first 24 hours was 256 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 43.0

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 1234'	T. Devonian	T. Ojo Alamo	
T. Salt	T. Silurian	T. Kirtland-Fruitland	
B. Salt	T. Montoya	T. Farmington	
T. Yates 2106	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash.	T. Mancos	
T. San Andres 4095	T. Granite	T. Dakota	
T. Glorieta 5670	T.	T. Morrison	
T. Drinkard	T.	T. Penn.	
T. Tubbs 6868	T.	T.	
T. Abo 7603	T.	T.	
T. Wolfcamp 8932	T.	T.	
T. Miss.	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	14'		Distance from Kelly Drive				
	142		Pushing to Ground				
	1400		Surface Sand				
	2305		Red soil				
	4084		Red soil & salt				
	4166		Salt & Anhydrite				
	5613		Salt, Anhydrite & lime				
	9075		Lime				
	9084		Lime & shale				
	9106		Lime				
	9155		Lime & shale				
	9293		Lime, Shale & chert				
	9305		Lime & shale				
	9313		Lime, Shale & Sand				
	9371		Lime & Sand				
	9402		Lime & shale				
	9411		Lime				
	9412		Lime & chert				
			Lime & shale				
			Plugged back to 9079'				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

September 7, 1955  
Company or Operator Gulf Oil Corporation Address Box 2107, Hobbs, N. M.  
Name Position or Title Area Supt. of Prod.

LEOP 1 PM 3:55

And the answer is -  $\frac{1}{2} \ln 2$  (or  $-\frac{1}{2} \ln 2$ ).

... ..

10. 3 - 5-10-55 - On 2nd floor, small hole in wall, 1' high, 1' - 1 1/2' surface  
above, 5' 3" hole in wall - surface in, 2' 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' - 467' - 468' - 469' - 470' - 471' - 472' - 473' - 474' - 475' - 476' - 477' - 478' - 479' - 480' - 481' - 482' - 483' - 484' - 485' - 486' - 487' - 488' - 489' - 490' - 491' - 492' - 493' - 494' - 495' - 496' - 497' - 498' - 499' - 500' - 501' - 502' - 503' - 504' - 505' - 506' - 507' - 508' - 509' - 510' - 511' - 512' - 513' - 514' - 515' - 516' - 517' - 518' - 519' - 520' - 521' - 522' - 523' - 524' - 525' - 526' - 527' - 528' - 529' - 530' - 531' - 532' - 533' - 534' - 535' - 536' - 537' - 538' - 539' - 540' - 541' - 542' - 543' - 544' - 545' - 546' - 547' - 548' - 549' - 550' - 551' - 552' - 553' - 554' - 555' - 556' - 557' - 558' - 559' - 560' - 561' - 562' - 563' - 564' - 565' - 566' - 567' - 568' - 569' - 570' - 571' - 572' - 573' - 574' - 575' - 576' - 577' - 578' - 579' - 580' - 581' - 582' - 583' - 584' - 585' - 586' - 587' - 588' - 589' - 590' - 591' - 592' - 593' - 594' - 595' - 596' - 597' - 598' - 599' - 600' - 601' - 602' - 603' - 604' - 605' - 606' - 607' - 608' - 609' - 610' - 611' - 612' - 613' - 614' - 615' - 616' - 617' - 618' - 619' - 620' - 621' - 622' - 623' - 624' - 625' - 626' - 627' - 628' - 629' - 630' - 631' - 632' - 633' - 634' - 635' - 636' - 637' - 638' - 639' - 640' - 641' - 642' - 643' - 644' - 645' - 646' - 647' - 648' - 649' - 650' - 651' - 652' - 653' - 654' - 655' - 656' - 657' - 658' - 659' - 660' - 661' - 662' - 663' - 664' - 665' - 666' - 667' - 668' - 669' - 670' - 671' - 672' - 673' - 674' - 675' - 676' - 677' - 678' - 679' - 680' - 681' - 682' - 683' - 684' - 685' - 686' - 687' - 688' - 689' -