

Santa Fe, New Mexico

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 QUINTUPPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company et al
(Company or Operator)

Lease Init
(Lease)

Well No. 1, in SW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 25, T. 17-S, R. 36-E, NMPM.

Undesignated (Wildcat)

Pool.

142

County.

Well is 660 feet from south line and 660 feet from west line.

of Section 25 If State Land the Oil and Gas Lease No. is 3-2805

Drilling Commenced 6-14, 1954. Drilling was Completed 10-1, 1954

Name of Drilling Contractor.....**McLester Fuel Company**.....

Address Hano 1, Kansas

Elevation above sea level at Top of Tubing Head.....**3819'**..... The information given is to be kept confidential until

not Confidential, 19.....

OIL SANDS OR ZONES

No. 1, from.....to..... 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"	48	New	312'	-	-		Surface string
8-5/8"	320	New	5002'	-	-		Salt string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	329'	100 sz.	Pump & plug		
11	8-5/8"	501'	3450 sz.	Pump & plug		

RECORD OF PRODUCTION AND STIMULATION

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

Ran Baker /yna. G. wire line bridge plug & set at 10,124'. Pumped 35 gallons Calseal on plug.
 After 1 hour filled hole with mud. Ran open ended drill line and found Calseal plug at 10,117'.
 Shotted 200 sacks cement plug at 9631'-10,117'. Pulled open ended drill line to 5045'.
 Spotted 50 sacks cement plug at 4900'-5045'. Pulled drill line. Shotted 10 sacks cement plug
 Result of Production Stimulation from 6'-22', Erected 4" x 4" marker as required by Rule 202.

Depth Cleaned Out.

REPORT OF DRILL-STEM AND SPECIAL TEST

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 11,110 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing P & A October 11, 1954

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

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.		T. Devonian	11,060
T. Salt.		T. Silurian	
B. Salt.		T. Montoya	
T. Yates	3230	T. Simpson	
T. 7 Rivers		T. McKee	
T. Queen		T. Ellenburger	
T. Grayburg		T. Gr. Wash.	
T. San Andres	4950	T. Granite	
T. Glorieta		T.	
T. Drinkard		T. Bone Springs	6745
T. Tubbs		T. Wolfcamp	9495
T. Abo		T.	
T. Penn.	9830	T.	
T. Miss.	10,420	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	5000	5000	No samples taken				
5000	5700	700	Dolomite				
5700	6000	300	Limestone & Dolomite				
6000	6100	100	Limestone				
6100	6200	100	Limestone & Dolomite				
6200	6700	500	Dolomite				
6700	6900	200	Limestone & Shale				
6900	7550	650	Limestone				
7550	8240	690	Dolomite				
8240	8900	660	Sandstone w/Limestone & Dolomite Stringers				
8900	9000	100	Limestone & Chert				
9000	9650	650	Limestone, Sandstone & Shale				
9650	9850	200	Limestone, Dolomite, & Shale				
9850	10,100	250	Dolomite				
10,100	10,300	200	Limestone & Shale				
10,300	10,450	150	Sandstone & Shale				
10,450	10,600	150	Limestone & Shale				
10,600	10,940	340	Limestone				
10,940	11,060	120	Shale				
11,060	11,070	10	Limestone				
11,070	11,110	40	Dolomite				
TD	11,110						

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.

October 13, 1954

Company or Operator Shell Oil Company
Name B. Nevill

Address P. O. Box 1957, Hobbs, New Mexico
Position or Title Division Exploitation Engineer

DST #1: 5081' - 5158' (77' San Andres Dolomite). Tool open 2-1/2 hours thru 3/4" BC & 1" TC on 4 1/2" DS. Immed. weak blow gradually increasing to moderate and remaining moderate throughout test. NOTS. Recovered 1100' fluid (15.4 bbls.) being 1090' salty sulfur water, 10' heavily mud cut sulfur water. Recovered approximately 1 gallon black oil on top fluid. Sulfur water titrated 15,000 ppm Cl⁻ and pit mud filtrate titrated 3500 ppm Cl⁻. FBHP 0 - 550 psi. 30 minutes SIBHP 1325 psi. HMH 2400 - 2300 psi. Positive Test.

DST #2: 6587' - 6667' (80' San Andres Dolomite). Tool open 1 hour thru 3/4" BC & 1" TC on 4 1/2" DS. Immediate weak air blow continued for 45 minutes, then died. Recovered 40' (0.22 bbls.) VSOCH. Filtrate titrates 500 ppm Cl⁻. Pit mud filtrate titrated 500 ppm Cl⁻. FBHP 0 psi. 30 minutes SIBHP - 175 psi. HMH 3250 psi. Positive Test.

DST #3: 7546' - 7600' (54' Bone Springs Sandstone & Dolomite). Tool open 30 minutes thru 3/4" BC & 1" TC on 4 1/2" DS. Immediate weak air blow dying in 5 minutes. Recovered 20' (0.11 bbls.) Dril. Mud, no shows. FBHP 0 psi. 30 minutes SIBHP 0 psi. HMH 3625 psi. Positive Test.

DST #4: 8235' - 8361' (126' Bone Springs Sand). Tool open 1 hour thru 1" TC & 3/4" BC on 4 1/2" DS. Weak air blow immediately and died in 12 minutes. After 30 minutes by-passed packers slight air blow. Recovered 20' mud/NS. FBHP 0 psi. 30 minutes SIBHP 0 psi. HMH 4125 - 4000 psi. Positive Test.

DST #5: 9815' - 9882' (67' Dolomite). Tool open 2 hours thru 1" TC & 5/8" BC on 4 1/2" DS. Immediate strong blow. GTS in 32 minutes. Volume 7871. Shut in 30 minutes. Recovered 400' (5.7 bbls.) HCO. FBHP 0 - 225 psi. 30 minutes SIBHP 475 psi. HMH 4875 psi. Positive Test.

DST #6: 9992' - 10,034' (42' Dolomite). Tool open 1-1/4 hours thru 1" TC & 5/8" on 4 1/2" DS. Weak blow thruout test. NOTS. Shut in 30 minutes. Recovered 40' mud/NS. FBHP 0 psi. 30 minutes SIBHP 250 psi. HMH 4900 psi. Positive Test.

DST #7-A: 11,070' - 11,110' (40' Limestone & Dolomite). Set packers, filled annulus w/mud and dropped bar. Tool open 1 hour thru 5/8" BC & 1" TC on 4 1/2" DS. Immed. strong air blow gradually decreasing to very weak at end of test. NOTS. Pulled packers loose and mud dropped immediately. Gained 40,000# weight. After pulling 3 stands weight began falling off. Pulled 15 stands and mud began draining from inside drill pipe. Est. Fluid rise 9700'. Pulled out and found pump-out plug of circ. sub. ruptured. Recovered 30' (0.2 bbls) slt. salty drlg. mud below circ. sub. FBHP 4365 - 4450 psi. 30 minutes SIBHP 4450 psi. HMH 4500 - 4875 psi. Test Not Considered Conclusive.

DST #7: 11,060' - 11,110' (50' Limestone & Dolomite). Set packer and filled annulus. Tool open 1 hour thru 5/8" BC & 1" TC on 4 1/2" DS. Immediate strong air blow gradually decreasing to very weak at end of test. NOTS. Recovered 9800' (139 bbls.) Fluid grading from sulphy salt water cut drlg. mud, titrating 10,000 ppm Cl⁻ to muddy sulphery salt water, titrating 20,000 ppm Cl⁻. Pit mud titrated less than 1000 ppm Cl⁻. FBHP 4300 - 4575 psi. 30 min SIBHP 4575 psi. HMH 4700 - 4875 psi. Positive Test.

the 1990s, the number of people in the world who are illiterate has increased from 1.2 billion to 1.5 billion. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015.

[illegible][illegible]

1. The first of these is the fact that the *Journal* is a journal of the American Psychological Association, and as such, it is a journal of the American Psychological Association. This is a fact that is often overlooked, but it is a fact that is important to remember. The *Journal* is a journal of the American Psychological Association, and as such, it is a journal of the American Psychological Association. This is a fact that is often overlooked, but it is a fact that is important to remember.

[illegible]

1. The first of these is the fact that the
 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.