

RECEIVED
JUL 3 1969
OIL CON. COM.
DIST. 3
UNIT
DEPARTMENT

LOG OF OIL OR GAS WELL

[illegible]

LOCATE WELL CORRECTLY

Sandoval Gas Unit "B" Well No. 1 was completed on May 29, 1956 and 8-5/8" casing was set at 169' with 160 sacks of cement containing 25 sodium chloride. Lost complete returns while cementing. Re-cemented down outside of casing through 1" pipe at 73' with 50 sacks of cement, which allowed to surface. After waiting on cement, casing and water were pumped back in pressure. Reduced hole to 7-7/8" at 211' 30 minutes which held with no drop in pressure. Reduced hole to 7-7/8" at 211' and resumed drilling operations.

No. 8 from
No. 8 from

No. 1 from
No. 1 from

No. 2 from
No. 2 from

4-1/2" casing was set at 258' 5 feet and cemented with 600 sacks cement containing 45 gal and 1-1/4 pounds TSP per sack followed by 75 sacks neat cement. Circulated out 30 sacks cement. After 45 hours, tested casing with 3000 pounds for thirty minutes with no drops or zones.

Completed drilling
May 30

Spotted 200 gallons and clean out agent down well bore and perforated with two shells bottom hole at 165' 25 inches. Cemented to sand-water free with 3200 psi mud cement was circulation formation. Spotted 250 gallons of heavy mud-cement out agent and shut in for 22-1/2 hours, but could not breakdown formation with 1300 psi. Re-perforated with two shells per foot intervals 25'-300'; 18 and meter taken on 25,300' interval. All thickness recorded. Cemented with 25,300 cement and 18 and an average interval rate of 30 seconds and connected record of the well and all work completed on May 30, 1956. The information given hereon is a complete record of the well and all work completed on May 30, 1956. On preliminary test flowed at rate of 2863 MCF per day pilot tube 1956. On preliminary test flowed at rate of 2863 MCF per day pilot tube

Well No. 1 Meridian
Sec. 32 T. 20N R. 20E
County Sandoval

Lessor or Trust
Sandoval Gas Unit "B" Well No. 1

Address -
State New Mexico

Case No.	Weight per foot	Through hole	Depth	Make	Amount	Kind of stone	Cost and pulled from	Perforated	Interlocked
From	To								

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 substituted 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 bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-53094-2

[illegible]

FORMATION RECORD—Continued

[illegible]

LOCATE WELL CORRECTLY

Company an American Petroleum Corporation Address Box 487, Farmington, New Mexico
Lessor or Tract Sandoval Gas Unit Field Blanco State New Mexico
Well No. 1 Sec. 35 T. 30N R. 9W Meridian N.M.P.M. County San Juan
Location 1/2 of 1/4 of 1/4 Line and 0.0 ft. of 1/4 Line of Section 35 Elevation 5711
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 R.M. Bauer, Jr. Title Area Engineer
Date June 15, 1959
The summary on this page is for the condition of the well at above date.
Commenced drilling May 20, 1959 Finished drilling June 6, 1959

No. 1, from 2452 to 2452 (G) No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

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
							From—	To—	
4-1/2"	9.5	8RT	J-55	25 ft.	Guide	10-11-68	10-11-68	10-11-68	Oil String

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2-5/8"	199	160	Howco - plug		
1-1/2"	2537	675	Howco - plug		

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

[illegible]

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

Cable tools were used from 0 feet to 2537 feet, and from _____ feet to _____ feet.

Completed as shut in Blk 19 - P 1	Put to producing Shut in for pipeline connection: 19
Cliff's Gas well June 13 59	June 13 59
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 -----	Gallons gasoline per 1,000 cu. ft. of gas -----
Rock pressure, lbs. per sq. in. 2,863,000	

1041 EMPLOYEES in casing pressure 10 days.

_____	Driller	_____	Driller
W. K. Tamm	Driller	Fred Huffman	Driller

Preliminary test June 13, 1959 flowed 2863 MCFFD.

Surface	1300	1300	Surface sands & shales.
1300	1390	90	Ojo Alamo sandstone.
1390	2442	1052	Kirtland & Fruitland sands, shales & coals.
2442	2515	73	Pictured Cliffs sandstone.
			(Tops from E log.

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OIL CON. COM.
DIST. 3
UNIT

LOG OF OIL OR GAS WELL

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LOCATE WELL CORRECTLY

Sandoval Gas Unit "B" Well No. 1 was abandoned on May 29, 1959 and 8-5/8" casing was set at 199' with 160 sacks of cement containing 25 calcium chloride. Lost complete returns while cementing. Re-cemented down outside of casing through 1" pipe at 43' with 50 sacks of cement, which was allowed to surface. After waiting on cement, casing and water were pumped down to 1400 pounds pressure for 30 minutes which held with no drop in pressure. Reduced hole to 7-7/8" at 211' and resumed drilling operations.

No. 8 from 196.2' from 196.8' from 197.2' from 197.8' from 198.2' from 198.8' from 199.2' from 199.8' from 200.2' from 200.8' from 201.2' from 201.8' from 202.2' from 202.8' from 203.2' from 203.8' from 204.2' from 204.8' from 205.2' from 205.8' from 206.2' from 206.8' from 207.2' from 207.8' from 208.2' from 208.8' from 209.2' from 209.8' from 210.2' from 210.8' from 211.2' from 211.8' from 212.2' from 212.8' from 213.2' from 213.8' from 214.2' from 214.8' from 215.2' from 215.8' from 216.2' from 216.8' from 217.2' from 217.8' from 218.2' from 218.8' from 219.2' from 219.8' from 220.2' from 220.8' from 221.2' from 221.8' from 222.2' from 222.8' from 223.2' from 223.8' from 224.2' from 224.8' from 225.2' from 225.8' from 226.2' from 226.8' from 227.2' from 227.8' from 228.2' from 228.8' from 229.2' from 229.8' from 230.2' from 230.8' from 231.2' from 231.8' from 232.2' from 232.8' from 233.2' from 233.8' from 234.2' from 234.8' from 235.2' from 235.8' from 236.2' from 236.8' from 237.2' from 237.8' from 238.2' from 238.8' from 239.2' from 239.8' from 240.2' from 240.8' from 241.2' from 241.8' from 242.2' from 242.8' from 243.2' from 243.8' from 244.2' from 244.8' from 245.2' from 245.8' from 246.2' from 246.8' from 247.2' from 247.8' from 248.2' from 248.8' from 249.2' from 249.8' from 250.2' from 250.8' from 251.2' from 251.8' from 252.2' from 252.8' from 253.2' from 253.8' from 254.2' from 254.8' from 255.2' from 255.8' from 256.2' from 256.8' from 257.2' from 257.8' from 258.2' from 258.8' from 259.2' from 259.8' from 260.2' from 260.8' from 261.2' from 261.8' from 262.2' from 262.8' from 263.2' from 263.8' from 264.2' from 264.8' from 265.2' from 265.8' from 266.2' from 266.8' from 267.2' from 267.8' from 268.2' from 268.8' from 269.2' from 269.8' from 270.2' from 270.8' from 271.2' from 271.8' from 272.2' from 272.8' from 273.2' from 273.8' from 274.2' from 274.8' from 275.2' from 275.8' from 276.2' from 276.8' from 277.2' from 277.8' from 278.2' from 278.8' from 279.2' from 279.8' from 280.2' from 280.8' from 281.2' from 281.8' from 282.2' from 282.8' from 283.2' from 283.8' from 284.2' from 284.8' from 285.2' from 285.8' from 286.2' from 286.8' from 287.2' from 287.8' from 288.2' from 288.8' from 289.2' from 289.8' from 290.2' from 290.8' from 291.2' from 291.8' from 292.2' from 292.8' from 293.2' from 293.8' from 294.2' from 294.8' from 295.2' from 295.8' from 296.2' from 296.8' from 297.2' from 297.8' from 298.2' from 298.8' from 299.2' from 299.8' from 300.2' from 300.8' from 301.2' from 301.8' from 302.2' from 302.8' from 303.2' from 303.8' from 304.2' from 304.8' from 305.2' from 305.8' from 306.2' from 306.8' from 307.2' from 307.8' from 308.2' from 308.8' from 309.2' from 309.8' from 310.2' from 310.8' from 311.2' from 311.8' from 312.2' from 312.8' from 313.2' from 313.8' from 314.2' from 314.8' from 315.2' from 315.8' from 316.2' from 316.8' from 317.2' from 317.8' from 318.2' from 318.8' from 319.2' from 319.8' from 320.2' from 320.8' from 321.2' from 321.8' from 322.2' from 322.8' from 323.2' from 323.8' from 324.2' from 324.8' from 325.2' from 325.8' from 326.2' from 326.8' from 327.2' from 327.8' from 328.2' from 328.8' from 329.2' from 329.8' from 330.2' from 330.8' from 331.2' from 331.8' from 332.2' from 332.8' from 333.2' from 333.8' from 334.2' from 334.8' from 335.2' from 335.8' from 336.2' from 336.8' from 337.2' from 337.8' from 338.2' from 338.8' from 339.2' from 339.8' from 340.2' from 340.8' from 341.2' from 341.8' from 342.2' from 342.8' from 343.2' from 343.8' from 344.2' from 344.8' from 345.2' from 345.8' from 346.2' from 346.8' from 347.2' from 347.8' from 348.2' from 348.8' from 349.2' from 349.8' from 350.2' from 350.8' from 351.2' from 351.8' from 352.2' from 352.8' from 353.2' from 353.8' from 354.2' from 354.8' from 355.2' from 355.8' from 356.2' from 356.8' from 357.2' from 357.8' from 358.2' from 358.8' from 359.2' from 359.8' from 360.2' from 360.8' from 361.2' from 361.8' from 362.2' from 362.8' from 363.2' from 363.8' from 364.2' from 364.8' from 365.2' from 365.8' from 366.2' from 366.8' from 367.2' from 367.8' from 368.2' from 368.8' from 369.2' from 369.8' from 370.2' from 370.8' from 371.2' from 371.8' from 372.2' from 372.8' from 373.2' from 373.8' from 374.2' from 374.8' from 375.2' from 375.8' from 376.2' from 376.8' from 377.2' from 377.8' from 378.2' from 378.8' from 379.2' from 379.8' from 380.2' from 380.8' from 381.2' from 381.8' from 382.2' from 382.8' from 383.2' from 383.8' from 384.2' from 384.8' from 385.2' from 385.8' from 386.2' from 386.8' from 387.2' from 387.8' from 388.2' from 388.8' from 389.2' from 389.8' from 390.2' from 390.8' from 391.2' from 391.8' from 392.2' from 392.8' from 393.2' from 393.8' from 394.2' from 394.8' from 395.2' from 395.8' from 396.2' from 396.8' from 397.2' from 397.8' from 398.2' from 398.8' from 399.2' from 399.8' from 400.2' from 400.8' from 401.2' from 401.8' from 402.2' from 402.8' from 403.2' from 403.8' from 404.2' from 404.8' from 405.2' from 405.8' from 406.2' from 406.8' from 407.2' from 407.8' from 408.2' from 408.8' from 409.2' from 409.8' from 410.2' from 410.8' from 411.2' from 411.8' from 412.2' from 412.8' from 413.2' from 413.8' from 414.2' from 414.8' from 415.2' from 415.8' from 416.2' from 416.8' from 417.2' from 417.8' from 418.2' from 418.8' from 419.2' from 419.8' from 420.2' from 420.8' from 421.2' from 421.8' from 422.2' from 422.8' from 423.2' from 423.8' from 424.2' from 424.8' from 425.2' from 425.8' from 426.2' from 426.8' from 427.2' from 427.8' from 428.2' from 428.8' from 429.2' from 429.8' from 430.2' from 430.8' from 431.2' from 431.8' from 432.2' from 432.8' from 433.2' from 433.8' from 434.2' from 434.8' from 435.2' from 435.8' from 436.2' from 436.8' from 437.2' from 437.8' from 438.2' from 438.8' from 439.2' from 439.8' from 440.2' from 440.8' from 441.2' from 441.8' from

Casing and logs	Depth in feet	Thickness in feet	Make	Amount	Kind of shoe	Cut and drilled from	From— To—	Perforated	Remarks
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, 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 bailing.									

HISTORY OF OIL OR GAS WELL

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

FROM	TO	TOTAL FEET	FORMATION
1000	1050	50	Surface sandstone
1050	1100	50	Shale
1100	1150	50	Shale
1150	1200	50	Shale
1200	1250	50	Shale
1250	1300	50	Shale
1300	1350	50	Shale
1350	1400	50	Shale
1400	1450	50	Shale
1450	1500	50	Shale
1500	1550	50	Shale
1550	1600	50	Shale
1600	1650	50	Shale
1650	1700	50	Shale
1700	1750	50	Shale
1750	1800	50	Shale
1800	1850	50	Shale
1850	1900	50	Shale
1900	1950	50	Shale
1950	2000	50	Shale
2000	2050	50	Shale
2050	2100	50	Shale
2100	2150	50	Shale
2150	2200	50	Shale
2200	2250	50	Shale
2250	2300	50	Shale
2300	2350	50	Shale
2350	2400	50	Shale
2400	2450	50	Shale
2450	2500	50	Shale
2500	2550	50	Shale
2550	2600	50	Shale
2600	2650	50	Shale
2650	2700	50	Shale
2700	2750	50	Shale
2750	2800	50	Shale
2800	2850	50	Shale
2850	2900	50	Shale
2900	2950	50	Shale
2950	3000	50	Shale
3000	3050	50	Shale
3050	3100	50	Shale
3100	3150	50	Shale
3150	3200	50	Shale
3200	3250	50	Shale
3250	3300	50	Shale
3300	3350	50	Shale
3350	3400	50	Shale
3400	3450	50	Shale
3450	3500	50	Shale
3500	3550	50	Shale
3550	3600	50	Shale
3600	3650	50	Shale
3650	3700	50	Shale
3700	3750	50	Shale
3750	3800	50	Shale
3800	3850	50	Shale
3850	3900	50	Shale
3900	3950	50	Shale
3950	4000	50	Shale
4000	4050	50	Shale
4050	4100	50	Shale
4100	4150	50	Shale
4150	4200	50	Shale
4200	4250	50	Shale
4250	4300	50	Shale
4300	4350	50	Shale
4350	4400	50	Shale
4400	4450	50	Shale
4450	4500	50	Shale
4500	4550	50	Shale
4550	4600	50	Shale
4600	4650	50	Shale
4650	4700	50	Shale
4700	4750	50	Shale
4750	4800	50	Shale
4800	4850	50	Shale
4850	4900	50	Shale
4900	4950	50	Shale
4950	5000	50	Shale
5000	5050	50	Shale
5050	5100	50	Shale
5100	5150	50	Shale
5150	5200	50	Shale
5200	5250	50	Shale
5250	5300	50	Shale
5300	5350	50	Shale
5350	5400	50	Shale
5400	5450	50	Shale
5450	5500	50	Shale
5500	5550	50	Shale
5550	5600	50	Shale
5600	5650	50	Shale
5650	5700	50	Shale

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FORMATION RECORD—Continued