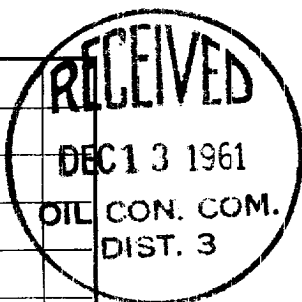
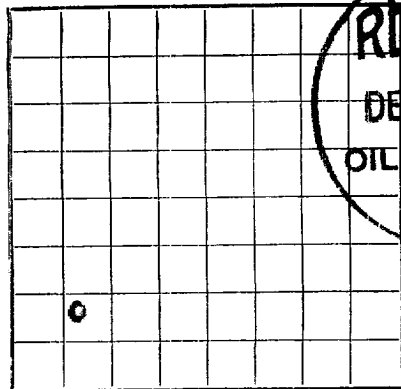


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 104 02294
LEASE OR PERMIT TO PROSPECT WhitleyUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Astec Oil & Gas Company Address Drewer # 570, Farmington, New Mex.
Lessor or Tract Whitley Field Basin Dakota State New Mexico
Well No. 7-D Sec. 9 T. 27N R. 9W Meridian N.M.P.M. County San Juan
Location 1750 ft. N. of 8 Line and 1550 ft. E. of W Line of Section 9 Elevation 6197 G.L.
(Derrick floor 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. ORIGINAL SIGNED BY Joe C. SalmenSigned _____ Title District SuperintendentDate December 7, 1961Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling 7/6/61, 19____ Finished drilling 8/1/61, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6629 to 6644 (G) No. 4, from _____ to _____
No. 2, from 6755 to 6766 (G) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____
IMPORTANT WATER SANDS
No. 1, from _____ to _____ No. 8, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8	21.0	4.75	2-55	6629	2-55	6629			
4 1/2	9.5	5.0	2-55	6629	2-55	6629			
2 3/8	4.7	5.0	2-55	6629	2-55	6629			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	311	225	displacement		
4 1/2	6109	510	tee plug		
2 3/8	6634				

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Sand-water flooded with 65,310 gals water, 60,000# sand, Breakdown pr. - 2400, treating pr. - 2450, I.B. - 42 hrs, Max. treating pr. - 2800, dropped 40 rubber ball sealers, instant shut in - 1250, 10 min. shut-in pr. - 1000, flushed w/ 170 Bbls. water						

TOOLS USED

P.B.T.D. - 6772

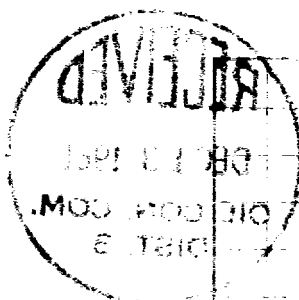
Rotary tools were used from 0 feet to 6810 feet, and from feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing 11/17/61, 19____

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 ACF - 2028 Gallons gasoline per 1,000 cu. ft. of gas _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCALITY: _____

Geological description of the well, including formation, thickness, and lithology. The well was drilled in the _____ formation, which is composed of _____ and _____.

Production history of the well, including dates of completion, production rates, and cumulative production. The well was completed on _____ and has produced _____ barrels of oil and _____ cubic feet of gas.

HISTORY OF OIL OR GAS WELL

DATE	DESCRIPTION OF WORK	TOOL USED	RESULTS
1961-10-13	Drilling from 100 to 110 feet	Rotary drill	110 feet
1961-10-13	Drilling from 110 to 120 feet	Rotary drill	120 feet
1961-10-13	Drilling from 120 to 130 feet	Rotary drill	130 feet
1961-10-13	Drilling from 130 to 140 feet	Rotary drill	140 feet
1961-10-13	Drilling from 140 to 150 feet	Rotary drill	150 feet
1961-10-13	Drilling from 150 to 160 feet	Rotary drill	160 feet
1961-10-13	Drilling from 160 to 170 feet	Rotary drill	170 feet
1961-10-13	Drilling from 170 to 180 feet	Rotary drill	180 feet
1961-10-13	Drilling from 180 to 190 feet	Rotary drill	190 feet
1961-10-13	Drilling from 190 to 200 feet	Rotary drill	200 feet
1961-10-13	Drilling from 200 to 210 feet	Rotary drill	210 feet
1961-10-13	Drilling from 210 to 220 feet	Rotary drill	220 feet
1961-10-13	Drilling from 220 to 230 feet	Rotary drill	230 feet
1961-10-13	Drilling from 230 to 240 feet	Rotary drill	240 feet
1961-10-13	Drilling from 240 to 250 feet	Rotary drill	250 feet
1961-10-13	Drilling from 250 to 260 feet	Rotary drill	260 feet
1961-10-13	Drilling from 260 to 270 feet	Rotary drill	270 feet
1961-10-13	Drilling from 270 to 280 feet	Rotary drill	280 feet
1961-10-13	Drilling from 280 to 290 feet	Rotary drill	290 feet
1961-10-13	Drilling from 290 to 300 feet	Rotary drill	300 feet
1961-10-13	Drilling from 300 to 310 feet	Rotary drill	310 feet
1961-10-13	Drilling from 310 to 320 feet	Rotary drill	320 feet
1961-10-13	Drilling from 320 to 330 feet	Rotary drill	330 feet
1961-10-13	Drilling from 330 to 340 feet	Rotary drill	340 feet
1961-10-13	Drilling from 340 to 350 feet	Rotary drill	350 feet
1961-10-13	Drilling from 350 to 360 feet	Rotary drill	360 feet
1961-10-13	Drilling from 360 to 370 feet	Rotary drill	370 feet
1961-10-13	Drilling from 370 to 380 feet	Rotary drill	380 feet
1961-10-13	Drilling from 380 to 390 feet	Rotary drill	390 feet
1961-10-13	Drilling from 390 to 400 feet	Rotary drill	400 feet
1961-10-13	Drilling from 400 to 410 feet	Rotary drill	410 feet
1961-10-13	Drilling from 410 to 420 feet	Rotary drill	420 feet
1961-10-13	Drilling from 420 to 430 feet	Rotary drill	430 feet
1961-10-13	Drilling from 430 to 440 feet	Rotary drill	440 feet
1961-10-13	Drilling from 440 to 450 feet	Rotary drill	450 feet
1961-10-13	Drilling from 450 to 460 feet	Rotary drill	460 feet
1961-10-13	Drilling from 460 to 470 feet	Rotary drill	470 feet
1961-10-13	Drilling from 470 to 480 feet	Rotary drill	480 feet
1961-10-13	Drilling from 480 to 490 feet	Rotary drill	490 feet
1961-10-13	Drilling from 490 to 500 feet	Rotary drill	500 feet
1961-10-13	Drilling from 500 to 510 feet	Rotary drill	510 feet
1961-10-13	Drilling from 510 to 520 feet	Rotary drill	520 feet
1961-10-13	Drilling from 520 to 530 feet	Rotary drill	530 feet
1961-10-13	Drilling from 530 to 540 feet	Rotary drill	540 feet
1961-10-13	Drilling from 540 to 550 feet	Rotary drill	550 feet
1961-10-13	Drilling from 550 to 560 feet	Rotary drill	560 feet
1961-10-13	Drilling from 560 to 570 feet	Rotary drill	570 feet
1961-10-13	Drilling from 570 to 580 feet	Rotary drill	580 feet
1961-10-13	Drilling from 580 to 590 feet	Rotary drill	590 feet
1961-10-13	Drilling from 590 to 600 feet	Rotary drill	600 feet
1961-10-13	Drilling from 600 to 610 feet	Rotary drill	610 feet
1961-10-13	Drilling from 610 to 620 feet	Rotary drill	620 feet
1961-10-13	Drilling from 620 to 630 feet	Rotary drill	630 feet
1961-10-13	Drilling from 630 to 640 feet	Rotary drill	640 feet
1961-10-13	Drilling from 640 to 650 feet	Rotary drill	650 feet
1961-10-13	Drilling from 650 to 660 feet	Rotary drill	660 feet
1961-10-13	Drilling from 660 to 670 feet	Rotary drill	670 feet
1961-10-13	Drilling from 670 to 680 feet	Rotary drill	680 feet
1961-10-13	Drilling from 680 to 690 feet	Rotary drill	690 feet
1961-10-13	Drilling from 690 to 700 feet	Rotary drill	700 feet
1961-10-13	Drilling from 700 to 710 feet	Rotary drill	710 feet
1961-10-13	Drilling from 710 to 720 feet	Rotary drill	720 feet
1961-10-13	Drilling from 720 to 730 feet	Rotary drill	730 feet
1961-10-13	Drilling from 730 to 740 feet	Rotary drill	740 feet
1961-10-13	Drilling from 740 to 750 feet	Rotary drill	750 feet
1961-10-13	Drilling from 750 to 760 feet	Rotary drill	760 feet
1961-10-13	Drilling from 760 to 770 feet	Rotary drill	770 feet
1961-10-13	Drilling from 770 to 780 feet	Rotary drill	780 feet
1961-10-13	Drilling from 780 to 790 feet	Rotary drill	790 feet
1961-10-13	Drilling from 790 to 800 feet	Rotary drill	800 feet
1961-10-13	Drilling from 800 to 810 feet	Rotary drill	810 feet
1961-10-13	Drilling from 810 to 820 feet	Rotary drill	820 feet
1961-10-13	Drilling from 820 to 830 feet	Rotary drill	830 feet
1961-10-13	Drilling from 830 to 840 feet	Rotary drill	840 feet
1961-10-13	Drilling from 840 to 850 feet	Rotary drill	850 feet
1961-10-13	Drilling from 850 to 860 feet	Rotary drill	860 feet
1961-10-13	Drilling from 860 to 870 feet	Rotary drill	870 feet
1961-10-13	Drilling from 870 to 880 feet	Rotary drill	880 feet
1961-10-13	Drilling from 880 to 890 feet	Rotary drill	890 feet
1961-10-13	Drilling from 890 to 900 feet	Rotary drill	900 feet
1961-10-13	Drilling from 900 to 910 feet	Rotary drill	910 feet
1961-10-13	Drilling from 910 to 920 feet	Rotary drill	920 feet
1961-10-13	Drilling from 920 to 930 feet	Rotary drill	930 feet
1961-10-13	Drilling from 930 to 940 feet	Rotary drill	940 feet
1961-10-13	Drilling from 940 to 950 feet	Rotary drill	950 feet
1961-10-13	Drilling from 950 to 960 feet	Rotary drill	960 feet
1961-10-13	Drilling from 960 to 970 feet	Rotary drill	970 feet
1961-10-13	Drilling from 970 to 980 feet	Rotary drill	980 feet
1961-10-13	Drilling from 980 to 990 feet	Rotary drill	990 feet
1961-10-13	Drilling from 990 to 1000 feet	Rotary drill	1000 feet