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NEW MEXICO OIL CONSERVATION COMMISSION

JUN 10 8 22 AM '68

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
1147-12-66

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT - A" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator American Trading and Production Corporation	8. Farm or Lease Name New Mexico "19" State
3. Address of Operator P. O. Drawer 992, Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>A</u> , <u>2313</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>19</u> TOWNSHIP <u>9-S</u> RANGE <u>33-E</u> NMPM.	10. Field and Pool, or Wildcat Flying M, South
15. Elevation (Show whether DF, RT, GR, etc.) Unknown	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

April 28, 1968 - 9175 ft. T. D. Ran Schlumberger Borehole Compensated Sonic Gamma Ray, Lateralog and Microlateralog with Caliper.

April 29, 1968 - 9175 ft. T. D. Ran DST No. 1 and straddle tested 9098 - 9130 ft. for 2 hrs. Tool opened with weak blow increasing to a strong blow in 40 minutes. Gas to surface in 1 1/2 hrs. at rate of 100,000 MCFPD. Pulled out and recovered following:

794 ft. oil and OGCDM - 30% oil
440 ft. oil and OGCDM - 40% oil - No water
Estimated Recovery based on above 4.5 bbls. oil and 9.25 bbls. drilling mud.
HP (in) - 5022 psi HP (out) - 5022 psi
ISIP - None taken FSIP (2 hrs.) - 3065 psi
IFP - 111 psi FFP - 457 psi
Gravity - 45.8° @60° F Bottom Hole Temperature - 158° F

SEE ATTACHMENTS

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u>Paul Albritton</u>	TITLE <u>Agent</u>	DATE <u>June 3, 1968</u>
APPROVED BY <u>John W. Ramsey</u>	TITLE <u></u>	DATE <u></u>
CONDITION OF APPROVAL, IF ANY:		

April 30, 1968 - 9175 ft. T. D. Ran DST #2 and straddle tested 9119-9142 ft. for 2 hrs. Tool opened with weak blow increasing to fair blow in 20 minutes. Gas to surface in 15 minutes after taking 2 hrs. initial shut in, at the rate of 58,000 MCFPD. Pulled out and recovered following:

391 ft. free oil
210 ft. HO & GCDM - 30% oil
Estimated recovery based on above 3.2 bbls. oil and 1.3 bbls. drilling Mud.

HP (in) - 5031 psi	HP (out) - 4892 psi
ISIP (2 hrs.) - 3115 psi	FSIP (2 hrs.) - 2963 psi
IFP - 57 psi	FFP - 197 psi
Gravity - 48.5° @ 72° F	BHT - 144° F

May 1, 1968 - 9190 ft. T. D. Ran drill pipe with a 7 7/8" rock bit and drilled 9175 to 9190 ft. total depth. Conditioned hole for 5 hrs. Laid down drill pipe. Ran and cemented 285 joints and 1 piece (9178.30') 5 1/2", N-80 & J-55, 17# and 15.5#, new 8 RT and Buttress thread seamless casing at 9190.00 ft. with 300 sacks Incor-Posmix 2% gel with 8# salt per sack. Cement was preceded by 500 gals. HOWCO mud flush and 40 bbls. fresh water. Ran 8 centralizers on bottom, 8 casing collars. Bottom 6 joints were rough coated with HOWCO product.

May 6, 1968 - Rigged up Clarke Oil Well Servicing Pulling Unit.

May 7, 1968 - 9200 ft. T. D. 9143 ft. PBTD. Tested 5 1/2" casing to 2500 psi for 30 minutes. Picked up tubing and washed out 6 ft. of soft cement down to 9143 ft. PBTD. Pulled out of hole with tubing. Ran Western Co. Gamma Ray Collar Correlation Log and perforated at 9114, 9119, 9124, 9126 and 9128 ft. with 2 - 0.5" J-2 jet shots at each level.

May 8, 1968 - 9143 ft. PBTD. Ran tubing to 9001 ft. and set 2" EUE x 5 1/2", 17-13# Otis "MH" Hookwall Production Packer at 8877 ft. Acidized perforations 9114 to 9128 ft. with 1000 gals. Western Co. Spearhead Acid.

May 9, 1968 - Total load to recover 72 bbls. Swabbed 198 bbls. fluid in 17 hrs. including 12 bbls. new oil and 114 bbls. formation water. Fluid level at 4000 ft. from surface.

May 10, 1968 - 9143 ft. PBTD. Ran Western Co. radio active tracer survey and located channel behind 5 1/2" casing from bottom perforations at 9128 to below PBTD. Unseated Otis Packer and pulled out of hole with tubing and packer.

May 11, 1968 - 9143'PBTD. Ran tubing and Halliburton RTTS squeeze packer and set at 8877 ft. Mixed 100 sacks Class "H" cement with 0.75% CFR-2 in 5 minutes

May 11, 1968 (continued) - and circulated to spot with 8 bbls. water. Set RTTS packer and displaced with 19 1/2 bbls. fresh water in one hour and 25 minutes, with 3900 to 4500 psi. Cement in place at 1:45 P.M. Reversed out 30 sacks cement. Pulled out of hole with tubing and RTTS packer. W.O.C. for 18 1/2 hrs.

May 12, 1968 - 9146 ft. PBTD. W. O. C. for 2 hrs. Drilled out 250 ft. of hard cement PBTD 9146 ft. Tested casing and squeeze job with 2000 psi for 15 minutes. Held O.K.

May 13, 1968 - 9146 ft. PBTD. Perforated from 9114 to 9128 ft. with 2 - 1/2" Wesjet Magnum charges per foot. (total 28 holes). Ran tubing and Otis production packer. Packer set at 8877 ft. Bottom of tubing at 8884 ft. Acidized with 168 gals. 28% DS-30 Acid. (Total load 45 bbls.) Swabbed 72 bbls. fluid in 18 hrs. 75 to 80% oil at end of swab period.

May 14, 1968 - 9146 ft. PBTD. Acidized perforations 9114 to 9128 ft. with 500 gals. Spearhead acid. (Total load 53.5 bbls.) Swabbed 59.5 bbls. fluid in 7 hrs. including 41.5 bbls. flush water, 12 bbls. spent acid water, and 6 bbls. formation fluid cutting 10% oil to 50% oil at end of swabbing period. Fluid level at 8500 ft. from surface. Acidized perforations 9114 to 9128 ft. with 2000 gals. 28% DS-30 with 6 gals. CS-3, and 6 gals. AC-2 followed by 2000 gals. 3% DS-10. (Total load 136 bbls.) Swabbed 156 bbls. fluid in 7 1/2 hrs. including 40 bbls. flush and 113 bbls. spent acid water and 3 bbls. new oil. Fluid level 3600 ft. from surface.

May 15, 1968 - 9146 ft. PBTD. Swabbed 37 bbls. oil and 285 bbls. water in 24 hrs. Fluid level at 7000 ft.

May 16, 1968 - 9146 ft. PBTD. Swabbed 73 bbls. of fluid in 6 1/2 hrs. including 3 bbls. oil and 70 bbls. formation water. Fluid level at 7400 ft. Good gas blow. Shut well in at 3:00 P.M. for bottom hole pressure build up. Ran BHP after 14 1/4 hrs. shut in. Found top of fluid at 4235 ft. Left bomb on bottom (9121 ft.) for 1 3/4 hrs. BHP (14 1/4 hrs.) 2183 psi. BHP (16 hrs) 2242 psi. Surface pressure at beginning of test 35 psi.

May 17, 1968 - 9146 ft. PBTD. Swabbed one bbl. oil and 183 bbls. water in 18 hrs. Fluid level at 6800 ft.

May 18, 1968 - 9146 ft. PBTD. Swabbed 79 bbls. fluid in 6 hrs. including 0.5 bbls. oil 78.5 bbls. water. Good gas blow. Fluid level at 7000 ft. Swabbed average of 12 bbls. per hour. Acidized perforations 9114 to 9128 ft. with 15,000 gals. 20% Reactrol acid 10% volume being 10% acetic acid. Over flushed acid with 105 bbls. fresh water with 3 gals. LT-22 added at 2.4 BPM with 3600 to 3400 psi. ISIP 3000 psi, 10 min. SIP 2500 psi. Job completed at 6:28 P.M. Left well shut in overnight.

May 19, 1968 - 9146 ft. PBTD. Swabbed 468 bbls. spent acid water and flush water in 24 hrs. 1 to 2 % oil last hour, small amount of acid gas and formation gas.

May 20, 1968 - 9146 ft. PBTD. Swabbed 368 bbls. fluid in 24 hrs. including 9 bbls. oil and 359 bbls. formation water.

May 21, 1968 - 9146 ft. PBTD. Swabbed 148 bbls. fluid in 12 hrs. mostly tight acid water and oil emulsion. Estimated cut 2 - 3 % oil. Small amount of gas on each swab. Fluid level at 6000 ft. swabbed 167 bbls. fluid in 12 hrs. including 8.4 bbls. oil and 158.6 bbls. formation water. Small gas blow on each swab.

May 22, 1968 - 9146 ft. PBTD. Swabbed 267 bbls. fluid in 24 hrs. including 10.5 bbls. oil and 256.5 bbls. formation water. Small amount of gas on each swab. Fluid level at 6800 ft.

May 23, 1968 - 9146 ft. PBTD. Swabbed 305 bbls. fluid in 24 hrs. including 14 bbls. oil and 291 bbls. formation water. Small amount of gas on each swab. Fluid level at 7200 ft. Receiving 15% tight emulsion interface last 18 hrs. Preparing to install pumping equipment.