



BANNON ENERGY INCORPORATED

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TO: Charles H. Jones DATE: 7/13/93
CO: SEA - New Mexico
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FROM: Ultra Natic
RE: City of Santa Fe, New Mexico, 500 #1

NUMBER OF PAGES INCLUDING COVER SHEET: 4

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RECEIVED
JUL 23 1993
ON CON. DIV.
DIST. 3

MESA WELL RECORD

WELL NAME SOUTH BLANCO STATE 32A, #1
OPERATOR MESA PETROLEUM CO.
LOCATION 450' FSL & 2545' FEL Sec. 32-T24N-R7W. RIO ARriba COUNTY, NM.
SPUD DATE 9/21/81 ELEVATION 7104' GR TD 5880'
PBD 5834' DATE TD REACHED 9/28/81
DATE DRILLING RIG MOVED ON 9/21/81 DATE MOVED OFF 9/30/81
DATE COMPL. RIG MOVED ON 10/10/81 DATE MOVED OFF 10/20/81
CONTRACTOR YOUNG DRILLING CO. PROSPECT SOUTH BLANCO CREEK
TYPE WELL: OIL X GAS P&A OF NO. 04-NM-0920 30
DEVELOPMENT X EXPLORATORY
PRODUCING FORMATION CALLUP
WORKING INTEREST OWNERS

<u>MESA PETROLEUM CO.</u>	<u>65%</u>
<u>TEXACO, INC.</u>	<u>25%</u>
<u>SEQUOIA</u>	<u>10%</u>

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OIL CON. DIV.

FIRST REPORT

450' FSL & 2545' FEL Sec. 32-T24N-R7W. 13' from KB to GR.

9/22/81 (1 day) PTD 247' (247')

PO: WOC

MIRU 9/21/81. Spud 12-1/4" surface hole @ 1:30 PM 9/21/81. TD to 247' @ 4:30 PM 9/21/81. Ran 5 joints (381 09") R-5/R-24#7 foot K-55 STD casing. Shoe @ 247.09' - Ran 3 centralizers as follows: middle of shoe joint, second & fourth collars. RJ Woodro & cement with 200 sack class "B" containing 33 calcium chloride & 1/4#/sack celloflake. Good circulation throughout. PD @ 12:45 AM 9/22/81. Circulate 12 bbls cement to the surface. CWC: \$16,506

3/12/82: TLS, Div. , Gen. Rec. , Asst. , T. Yockan, L. Carnes, C. James, MCF, D&M

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9/23/81 (2 days) PTD 1,888' (1641')

MW 9.0 VIS 38 WL 6.0

PO: DRILLING

Tested BOPs to 1000 psi for 15 minutes - held Ok.

CWC: \$40,136

9/24/81 (3 days) PTD 3113' (1225')

MW 9.1 VIS 40 WL 6.0

PO: DRILLING

Survey @ 1707' = 1-1/4, @ 2684' = 1-1/2 degrees.

CORRECTED CWC: \$37,776

9/25/81 (4 days) PTD 4167' (1054')

MW 9.2 VIS 40 WL 5.0

PO: DRILLING

CWC: \$72,954

9/26/81 (5 days) PTD 4700' (533')

MW 9.2 VIS 36 WL 6.0

PO: DRILLING

Survey @ 4495' = 1-3/4 degrees.

9/27/81 (6 days) PTD 5238' (528')

MW 9.1 VIS 38 WL 6.0

PO: DRILLING

9/28/81 (7 days) PTD 5740' (502')

MW 9.1 VIS 38 WL 6.0

PO: DRILLING

Should reach TD @ noon

CWC: \$95,605

9/29/81 (8 days) PTD 5880' (140')

MW 9.2 VIS 300+ WL 6.0

PO: LOGGING

Survey @ 5880' = 1-1/2 degrees. Reached TD @ 2:15 PM 9/29/81. Had first log on bottom @ 2:00 AM 9/29/81. Logger's TD is 5878'.

CWC: \$99,621

9/30/81

PO: DROP WO COMPLETION TOOLS UNTIL APPROXIMATELY 10/21/81

Finished logging @ 8:30 AM 9/29/81. TIR & TOOH. LDDP & drill collars. RU & ran 14s joints (5860.47') new 4-1/2" 18.5 ppg E 55 STC casing with bottom 8 joints sand blasted. ✓
Shoe is @ 5876.87', float collar is @ 5833.70' (PBIC), & stage collar is @ 3252.31'. Ran 15 centralizers as follows: middle of shoe joint, every other collar for a total of 11, 2 below & 2 above DV tool. Ran 1 cement basket below DV collar. PU National to cement & cemented first stage as follows: pumped 27 bbl; viscous preflush, 400 sacks 50-50 pozmix containing 2% gel, RA fluid loss Agent, 10% salt (by weight of water). Had good circulation throughout with PD @ 7:45 PM 9/29/81. Circulated no cement to the surface. Opened

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9/30/81 CONTINUED FROM PREVIOUS PAGE

OV tool with 200 psi, circulated 2 1/2 hours. Completed second stage as follows: pumped 20 bbls scavenger slurry followed by 400 sack class B containing 2% sodium metasilicate (extender). Tagged in with 100 sacks 50-50 pozmix containing 2% cel. 6% fluid loss agent & 10% salt (by weight of water). Good good circulation throughout with FO @ 11:30 PM. 9/30/81 Cement circulated, circulated 20 bbls to the surface. Set 20,000# on slips, cut off casing & released sig @ 4:00 AM 10/3/81 to the Brington #35F.

CWC: \$165,353

10/11/81

PO: SDFS

MIRU completion tools. Strapped 2 3/8" tubing, need 1 downman missing. SI, SDFN.

10/12/81

PO: REPLACE DEADMAN & RIH WITH BIT & SCRAPER

SDFS.

CWC: \$182,853

10/13/81

PO: TOOH TO RUN CBL

PU 2-3/8" tubing & TIF with bit & scraper. Tagged top of cement @ 5730'. Drilled out 8' cement & OV tool @ 5747'. TIF with tubing & tagged cement @ 5790'. Drilled out cement to top of float collar @ 5824'. Reversed hole clean with 2% KCl. SDFN.

CWC: \$188,853

10/14/81

PO: PREPARE TO ACIDIZE THE LOWER GALLUP

POOH with 4" line. SI Well Tr & had CR-VOL GR from 5710-5700, 33K 1100, 1000-1000 with 800 psi on casing. Log locked OK. Pressure tested casing to 3000 psi. Held 30' RIH & perforated lower Gallup & Marye sand @ 5664', 566', 568', 570', 572', 5719', 571', 573', 45', 61', 63', 74', & 76' with 1 1/2" holes (3 1/2" diameter). TIF with bridge plug & packer, set packer @ 5665' & bridge plug @ 5600'. SI, SDFN.

CWC: \$196,353

10/15/81

PO: PREPARE TO IRAC THE LOWER GALLUP

Acidized lower Gallup & Marye sand as follows: Attached pipe into lower Gallup of 4" BPR @ 1500 psi. Lower Gallup communicated to Marye sand. Set packer, pulled up & reset @ 5660'. Pressure tested packer to 3000 psi & held OK. Re-established rate @ 100 GPM @ 1500 psi. Pumped 1400 gals 15% HCl with 48 ball sealers. Achieved complete breakdown @ 2400 psi. Surged balls off, pumped acid away & pulled off again. Surged to 1500 psi & displaced acid away. ISIP 700 psi, 10 minutes 300 psi. Set packer, RIH & killed balls off perforations, & pulled up hole to 5620'. Reversed 30 bbls, reset packer @ 5620'. Cemented 5 runs, pulled 50 bbls fluid (BLTK x3 bbls). Swabbed well dry, SDFN.

CWC: \$201,553

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