State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

API # (assigned by OCD)

1. **Type of Well**
   GAS

5. **Lease Number**
   E-292

6. **State Oil&Gas Lease**
   E-292

2. **Name of Operator**
   MERIDIAN OIL

7. **Lease Name/Unit Name**
   Blanco Com A

8. **Well No.**
   6

3. **Address & Phone No. of Operator**
   PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. **Pool Name or Wildcat**
   Blanco Mesa Verde

4. **Location of Well, Footage, Sec., T, R, M**
   1020'FNL, 1500'FEL Sec 36,T-30-N,R-8-W NMPM, San Juan County

10. **Elevation:**

Type of Submission	Type of Action	
_x_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injectio
	_x_ Other - pay add	

13. Describe Proposed or Completed Operations

It is intended to perforate and stmulate the Menefee and Lewis intervals and add to the existing Mesa Verde formation per the attached procedure.

Hydraulic Fracture @ 4005

RECEIVED
JAN 19 1994
OIL CON. DIV
DIST. 3

SIGNATURE _____(REH)_ Regulatory Affairs __January 18, 1994_

(This space for State Use)
Approved by _____ Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date JAN 25 1994

Pertinent Data Sheet - Blanco Com A #6

Location: 1020' FNL, 1500' FEL, Section 36, T-30-N R-8-W, San Juan County, NM

Field: Blanco Mesaverde

Elevation: 5991' GL

TD: 5158'
PBTD: 5138'

Completion Date: 12/13/62 (original)
1/31/72 (workover)

DP Number: 50699A

Initial Potential: 3564 MCF/D (original)
13,614 MCF/D (workover)

Casing Record:

Hole Size	Casing Size	Weight & Grade	Depth Set	Cement	Top/Cement
15"	10-3/4"	32.75# H-40 8rd	326' KB	232 sx	Surface
8-3/4"	7"	20.0# J-55 8rd	3050' KB	215 sx	1400' (TS)
6-1/4"	4-1/2" liner	10.5# J-55 8rd	2928'-5158'	210 sx	Circ. liner top

4-1/2" Float collar @ 5122'

Tubing Record:

Tubing Size	Weight & Grade	Depth Set
2-3/8"	4.7# J-55 EUE 10rd	5106' KB (161 jts)

Formation Tops:

Ojo Alamo	1742'	Cliffhouse	4555'
Kirtland	1912'	Menefee	4660'
Fruitland	2453'	Pt. Lookout	5015'
Pictured Cliffs	2827'	Mancos	5100'
Lewis	2900'		

Logging Record: Gamma Collar, Gamma Ray

Stimulation: 1962 - Perfs @ 4592'-4676' w/32,000# sand and 31,500 gal water. Perfs @ 5027'-5070' w/36,000# sand and 36,500 gal water.

Workover History: 1-25-72 Sidetrack well. Refraced Pt. Lookout down 2-7/8" tbg thru new perfs @ 5081'-5104' and olds perfs @ 5027'-5070' w/60,000# 20/40 sand and 30,000 gal HAL-4033. Refrac Cliffhouse thru existing perfs @ 4592'-4676' w/50,000# 20/40 sand and 31,000 gal HAL-4033.

Production History:

Initial Deliverability	2549 MCFD	2 BOPD
Latest Deliverability	110 MCFD	0 BOPD

Transporter: EPNG

BLANCO COM A #6
NE/4, Section 36, T30N, R08W
San Juan Basin, NM
Menefee/Lewis Pay Add

☎ **Contact BLM and NMOCD prior to performing work on this well** ☎
Comply with all BLM, NMOCD, and MOI rules and regulations.

1. Test location rig anchors and repair if necessary. Blow down tubing. MIRU. NU BOP, blooie line, and relief line. ***Call for 3200' of 2-7/8" and 3100' of 4-1/2" rented tapered fracstring, and 5 jts of MOI 2-3/8" replacement tubing.***

2. Install 8 X 400 bbl tanks and fill with 2% KCl water for fracture stimulation. Add 5 #'s biocide/tank before filling. Place fire and safety equipment in strategic locations.

3. Pressure test BOP for 15 minutes. TOOH with 161 jts. of 2-3/8" tubing. Visually inspect and replace any bad joints. TIH with 3-7/8" bit and 4-1/2"-10.5# casing scraper on 2-3/8" tbg/workstring and clean out to PBTD @ 5138'. TOOH.

4. RU wireline. Set RBP above Point Lookout @ 5000'. Spot approximately 10' of sand on top of RBP w/wireline bailer **(*check for fluid level when GIH and load as needed prior to running logs).** Run CNL and GR-CBL-CCL in 4-1/2" liner from RBP to TOC @ approximately 2928' (liner top). Have wireline company send copy of CNL to office so perfs can be picked. Evaluate GR-CBL-CCL and run copy to office also. Be prepared to switch CNL (fluid/gas) if hole will not hold a column of fluid for logs.

5. PU 4-1/2" packer on 2-3/8" tbg and TIH to 4400' and set. Pressure test (down backside) upper casing to 600 psi for 15 minutes*. Release packer and TIH to 4900' and set. Pressure test BP to 3800 psi for 15 minutes. Release packer and spot 200 gallons of 7-1/2% HCL across perf zone. TOOH.
**If pressure test fails, do not spot acid and prepare to locate holes and repair casing. Contact production engineering and a casing repair procedure will be discussed.*

6. RU wireline. Perforate the following Menefee interval, with a 3-1/8" HSC, @ 4 SPF (90 degrees phasing).

   4700'-4900' 40' net zone Exact perf interval to be determined from CNL logs.

   Total: approximately 160 holes

7. TIH with 2-7/8" by 4-1/2" (enough 2-7/8" +100' for liner top to top perf) tapered fracstring and 4-1/2" packer. Set packer @ 4700' (above Menefee, below Cliffhouse) and prepare to breakdown perforations.

8. RU stimulation company. Breakdown* and balloff w/ 1200 gallons of 7-1/2% HCl @ 4 bbl/min. with 1gal/1000 gal clay control, 4/1000 silt suspender, 1/1000 inhibitor and 5/1000 sequestering agent. Drop a total of (2X # of perforations) 7/8" RCN ball sealers spaced evenly throughout the job w/ 5 ball slugs every 10 balls dropped. Record injection rate and all breakdown pressures throughout job.

9. Release packer, TIH and knock off ball sealers to top of sand on RBP. TOOH w/ packer to 4700' and set. Prepare to fracture stimulate the well.

10. RU stimulation company. Hold safety meeting. Pressure test surface lines to 5000 psi (1000 psi over maximum allowable treating pressure but no greater than working pressure of surface lines). Maximum treating pressure is 3800 psi. Fracture stimulate well w/ 30 # XL Gel according to attached procedure.

11. Slowly flow back well until returns diminish. Release packer and TOOH.

12. RU wireline. Set RBP above Cliffhouse @ 4500'. Spot approximately 10' of sand on top of RBP w/wireline bailer.

13. TIH w/ 4-1/2" packer on workstring and set @ 4400'. Pressure test BP to 3800 psi for 15 minutes. Release packer, and spot 600 gallons of 7-1/2% HCL. TOOH.

14. RU wireline. Perforate the following Lewis interval, with a 3-1/8" @ 4 SPF (90 degree phasing).

    3400'-4200'
    30 - 120 holes, depending on perf density.

    Note: perforation intervals and perforation type will be picked from CNL.

15. TIH with 2-7/8" by 4-1/2" (1600' of 3-1/2") tapered fracstring and 4-1/2" packer. Set packer @ 3300' and prepare to breakdown perforations.

16. RU stimulation company. Breakdown* and balloff w/ 1200 gallons of 7-1/2% HCl @ 4 bbl/min. with 1gal/1000 gal clay control, 4/1000 silt suspender, 1/1000 inhibitor and 5/1000 sequestering agent. Drop a total of (2X # of perforations) 7/8" RCN ball sealers spaced evenly throughout the job w/ 5 ball slugs every 10 balls dropped. Record injection rate and all breakdown pressures throughout job.

18. Release packer, TIH and knock off ball sealers to top of sand on RBP. TOOH w/ packer to 3300' and set. Prepare to fracture stimulate the well.

19. RU stimulation company. Hold safety meeting. Pressure test surface lines to 5000 psi (1000 psi over maximum allowable treating pressure but no greater than working pressure of surface lines). Maximum treating pressure is 3800 psi. Fracture stimulate well w/ 50 Q Foamed gel according to attached procedure.

20. Slowly flow back well until returns diminish. Release packer and LD fracstring.

21. TIH w/notched collar on 2-3/8" workstring and reverse out to upper RBP until sand returns are clean and water production is minimal. **Obtain pitot gauge.** TOOH with workstring.

22. TIH with retrieving head on 2-3/8" workstring and reverse out to bridge plug. **Obtain pitot gauge.** Retrieve bridge plug. TOOH.

23. TIH w/notched collar on 2-3/8" workstring and reverse out to lower RBP until sand returns are clean and water production is minimal. **Obtain pitot gauge.** TOOH with workstring.

24. TIH with retrieving head on 2-3/8" workstring and reverse out to bridge plug. **Obtain pitot gauge.** Retrieve bridge plug.

25. TIH with 2-3/8" production tubing and SN one joint off bottom of string. CO to PBTD @ 5138'. When fluid production becomes negligible, land tubing at 5106'. **Obtain final pitot gauge.**

26. ND BOP. NU wellhead. RDMO.

J. A. Howieson

Vendors:

Packer Rental & Bridge Plugs:	To be determined later.
Wireline Services:	To be determined later.
Stimulation:	To be determined later.

DBJ
JAS/jas

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