State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION

Form C-103

Sundry Notices and Reports on Wells

API NO. (assigned by OCD)

1. Type of Well
GAS

5. Type of Lease
State

6. State Oil & Gas Lease #
B-10796-4

2. Name of Operator
Meridian Oil Inc.

3. Address of Operator
PO Box 4289, Farmington, NM 87499

7. Lease Name/Unit Name
Gonzales Com

4. Well Location
1650'S, 1650'W
Sec.16,T-30-N,R-12-W NMPM San Juan County

8. Well No.
3

10. Elevations
5692 'GR

11. Intent to/Subsequent Report of : Recomplete in Fruitland Coal Plugback

12. Describe proposed or completed operations:

It is intended to workover this well in the following manner:

MOL&RU. NDWH. NU BOP. TOOH w/2 3/8" tbg. TIH and CO to PBTD @ ±6639'. Spot 40 sx plug across Dakota (6238-6639'). Displace hole w/9 ppg 50 vis mud. Spot 25 sx plug across Gallup (5249-5578'). Spot 25 sx plug across Point Lookout (3921-4205'). Spot 25 sx plug across Cliff Houe (3206-3535'). Perf 2 squeeze holes @ 2730'. Spot 70 sx plug and squeeze 20 sx into perforations at 2730'. This will cover Chacra formation (2090-2730'). Run CCL-GR-CBLCNL across Fruitland. PT csgt to 2000#. Spot acid and perforate Fruitland Coal formation. Evaluate and fracture treat well. Land tubing. RD. Release rig.

attachments.

RECEIVED
DEC 01 1989
OIL CON. DIV.
DIST. 3

SIGNATURE Peggy Bradfield (WS) Regulatory Affairs 11-30-89
Date

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(This space for State use)
Original Signed by FRANK T. CHAVEZ
SUPERVISOR DISTRICT # 3 DEC 01 1989

APPROVED BY _____ TITLE _____ DATE _____

CONDITION OF APPROVAL, IF ANY:

Pertinent Data Sheet - Gonzales Com #3 November 27, 1989

Location: 1650' FSL, 1650' FWL, Section 16, T-30-N, R-12-W, San Juan County, NM

Field: Basin Dakota

Elevation: 5692' GL

TD: 6655'
PBTD: 6639'
COTD: 6639'

Completed: 10/29/69

Initial Potential: 2037 MCF/D AOF

Casing Record:

Wellhead: 10" x 900 C-22 OCT bradenhead
Remainder of tree unknown

Hole Dia	Csg Size	WT & Grade	Depth	Set Cement	Top/Cmt
12 1/4"	8 5/8"	24.0# K-55	337'	245 sxs	Surface
7 7/8"	4 1/2"	10.5# K-55	6655'		
		1st Stage	6644'	130 sxs	5206'(calc)
		2nd Stage	4638'	170 sxs	2847'(calc)
		3rd Stage	2198'	285 sxs	1085'(T.S.)

Tubing Record: 2 3/8" , 208 jts 4.70# J-55 EUE Set @ 6545.92' SN @ 6514.12'

Formation Tops:

Ojo Alamo 370'
Fruitland 1550'
Pic. Cliffs 1905'
Cliff House 3485'
Point Lookout 4200'
Gallup 5528'
Dakota 6463'

Logging Record: IES, FDC/GR, BHC, T.S.

Completion Summary:

Perforated Dakota from 6398'-6405';6470'-90';6527'-32';6554'-59' (w/20 spz). Dropped 3 stages of 20 ball sealers w/sand, third stage used 200 gals of 7½% HCl (60 - 7/8" RCN ball sealers). Fraced w/69,300 gals of 3% KCL slick water and 65,000 lbs of 40/60 sand.

Workover Summary: None

Production Summary: Initial Deliverability - 34 MCF/D - 1970
Latest Deliverability - 10 MCF/D - 1989
Cumulative Production - 124.999 MMCF 0.773 MBO Sept-1989

Gas Transporter: Southern Union Gathering

Oil Transporter: MOI

GONZALES COM #3

GL AT 5692

WELLBORE DIAGRAM

OJO ALAMO SURF CSG

KIRTLAND AT 475

FRUITLAND (SS) AT 1550

PC AT 1905

LEWIS AT 2095

STAGE AT 2198

CHACRA AT 2680

CLIFF HOUSE AT 3485

MEN AT 3618

PT LOOKOUT AT 4200

MANCOS AT 4594

STAGE AT 4638

GALLUP AT 5528

GREENHORN AT 6288

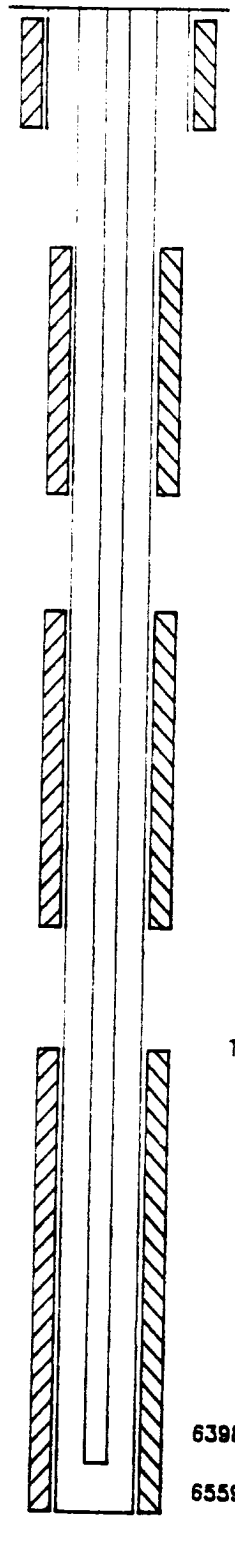
GRANEROS AT 6341

DAKOTA AT 6463

2 3/8 TUBING AT 6546

PBTD AT 6639

TD AT 6655



8 5/8 AT 337

TOP AT 1085 (TS)

TOP AT 2847 (CALC)

TOP AT 5206 (CALC)

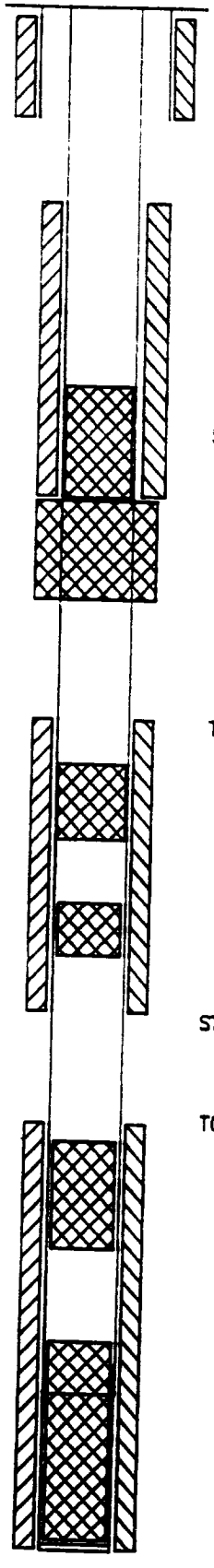
6398 PERFS

6559

4 1/2 AT 6655

GONZALES COM #3

WELLBORE DIAGRAM
PLUGED BACK



GL AT 5692
OJO ALAMO
BEHIND SURFACE CSG
KIRTLAND AT 475
FRUITLAND (SS) AT 1550
PC AT 1905
LEWIS AT 2095
CHACRA AT 2680
CLIFF HOUSE AT 3485
MEN AT 3618
PT LOOKOUT AT 4200
MANCOS AT 4594
GALLUP AT 5528
GREENHORN AT 6288
GRANEROS AT 6341
DAKOTA AT 6463
PBTD AT 6639
TD AT 6655

8 5/8 AT 337
TOP AT 1085 (TS)
TOP AT 2090
STAGE AT 2198
PERF AT 2730
2730
TOP AT 2847 (CALC)
TOP AT 3206
3535
TOP AT 3921
4250
STAGE AT 4638
TOP AT 5206 (CALC)
TOP AT 5249
5578
TOP AT 6238
4 1/2 AT 6655

RECOMPLETION PROCEDURE
GONZALES COM #3

1. Notify the NMOCD 48 hours before starting workover operations. Prepare location for workover, install anchors.

2. MOL with workover rig, hold safety meeting, install safety signs and proper fire equipment at strategic points. Comply with all BLM, NMOCD, AND MOI regulations. RU rig.

3. RU blow lines, record tubing and casing pressure, blow well down. Kill as necessary with water. ND wellhead, NU 6" 3000-psi BOP and stripping head.

4. TOOH w/208 jts of 2 3/8" 4.7# EUE tubing. Visually inspect tubing and lay down bad jts.

5. PU 3 7/8" rx bit, 4½" 10.50# casing scraper on 2 3/8" tubing. CO to COTD at 6639'. Note top of fill in tour report.

6. RU cement company. Establish rate into Dakota perfs. Displace and sqz 40 sxs (47.2 cf) of class B cement w/2% CaCl into perfs. Pull to 6000' and reverse out excess cement. WOC for 6 hrs. Tag plug and record top (should be at ±6238'). Displace hole w/9 ppg 50 viscosity mud. PT casing to 1000-psi.

7. Pull up to 5578' laying down tubing. Spot a 25 sx (29.5 cf) plug to cover the Gallup formation. Use class B cement w/2% CaCl.

8. Pull up to 4250' laying down tubing. Spot a 25 sx (29.5 cf) plug to cover the Point Lookout formation. Use class B cement w/2% CaCl.

9. Pull up to 3535' laying down tubing. Spot a 25 sx (29.5 cf) plug to cover the Cliff House formation. Use class B cement w/2% CaCl. TOOH

10. RU wireline unit w/low pressure packoff, perf 2 sqz holes (0.5" dia, 19 gram) at ±2730'.

11. TIH to 2730' spot 70 sxs (82.6 cf). Pull tubing to 1800' and sqz 20 sxs (23.6 cf) behind the 4½" casing. Use class B cement w/2% CaCl. Lower the tubing to 2090' and reverse out with 50 bbls of water. This will cover the Chacra formation. TOOH and WOC for 6 hrs.

12. Inspect wellhead and valves to ensure that it is API and rated to 3000-psi. PT casing to 3000-psi for 15 minutes.

13. RU wireline with low pressure packoff. Log with GR-CCL-CNL-CBL from PBTD to minimum depth.

14. TIH to 1890' and spot 300 gals of 7½% HCl acid. TOOH.

15. Adjust perforations based on Neutron log. Perforate top down using a 3 1/8" gun with 0.5" dia 19 gram charges at 2 spf. Perforate over the following interval: 1739'-1745'; 1795'-1810'; 1865'-1885'; for a total of 82 holes.

16. PU single-point injection packer w/6' spacing. TIH to ±1885', set and breakdown perf intervals w/±4 gals per perf. Record ISIP for each zone, observe backside for possible communication. TOOH laying down injection packer.

17. RU treatment company to inject 50Q nitrogen foam. Use one nitrogen truck and ±325 BBLS of water and foamer. Pump foam at 15 BPM. Flow back through 2 7/8" flow line with choke.

18. TIH to ±1900', swab well in. Obtain gauges, evaluate for ±24 hours. If well is making economical gas volumes proceed with step number 24.

19. If well requires stimulation proceed as follows:

20. RU treatment company. Frac well using attached schedule.

21. Shut well in for 2 hours to allow gel to break. Record SICP ever ½ hr in tour report. Flow-back through a 2 7/8" flow line with positive choke. Record flowing pressures every 30 minutes until well logs off. TIH and clean well . PU ±10' above perforations.

22. Swab well in, obtain gauges after well begins to flare. TOOH.

23. Run after frac log.

24. PU expendable check valve, one joint, common SN, and TIH cleaning to PBTD. Land tubing at ±1875'. ND BOP, NU wellhead. Pump off check valve. RD and release rig.

25. Record final gauges, shut well in for pressure build up. Obtain gas and water sample for analysis. Clean up location and install production equipment. Record BHP after 7 day shut in.