

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date 5/12/86			
Company BASIN MINERALS, INC.				Connection None				
Pool Undesignated Fruitland				Formation Fruitland			Unit Dist. 8	
Completion Date 4/30/86		Total Depth 2670'		Plug Back TD 2358'		Elevation 5822' KB		Farm or Lease Name Federal
Csg. Size 4.500	Wt. 10.50	d 4.000	Set At 2662'	Perforations: From 2415' To 2448'			Well No. 1	
Tbg. Size 1.660	Wt. 2.40	d 1.380	Set At 2168'	Perforations: None From Open ended To			Unit Sec. Twp. Rge. N 27 31N 11W	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single - Gas					Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F 105 @ 2670		Mean Annual Temp. °F 60		Baro. Press. - P _a 12.0		State New Mexico
L 2168	H 2177	G _g 0.60	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							750		750		8 days
1.	3/4" T.H.C.						105		400		3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		117	1.000	1.000	1.000	1,447
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 762	P _c ² 580,644	
NO.	P _i ²	P _w
1		412
2		
3		
4		
5		

$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.4131$		$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3417$	
$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1,941$			

Absolute Open Flow	1,941	Mcf @ 15.025	Angle of Slope θ	Slope, n	0.85
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Remarks: NOTE: Temporary bridge plug set at 2358'

Approved By Commission:	Conducted By: Bill Matthews	Calculated By: Red Walsh	Checked By:
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
well ☐ well ☒ other ☐

2. NAME OF OPERATOR
BASIN MINERALS, INC.

3. ADDRESS OF OPERATOR c/o Walsh Engr. & Prod. Corp.
P. O. Drawer 419 Farmington, N.M. 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 790' FSL, 1750' FWL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:
TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) See Below

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐
☐

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

RECEIVED

AUG 07 1986

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

5. LEASE
SF-078097

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Undesignated Fruitland

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 27-T31N-R11W
N.M.P.M.

12. COUNTY OR PARISH
San Juan

13. STATE
N.M.

14. API NO.
30-045-25733

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5812' G.L.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Work completed as requested in letter of February 12, 1986
(copy enclosed).

ACCEPTED FOR RECORD

AUG 07 1986

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

BY

RECEIVED
AUG 11 1986
CON. DIV.
DIST. 3

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

FOR: BASIN MINERALS, INC.

18. I hereby certify that the foregoing is true and correct

SIGNED _____ President, Walsh Engr.

EWELL N. WALSH TITLE & Production Corp. DATE 8/6/86

Ewell N. Walsh, P.E.

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA

Caller Service 4104
Farmington, New Mexico 87499

IN REPLY REFER TO:
SF-078097 (WC)
3162.5-1a (016)

FEB 12 1986

CERTIFIED--RETURN RECEIPT REQUESTED

Basin Minerals Inc.
c/o Walsh Engineering and Production Corporation
P. O. Drawer 419
Farmington, NM 87499

Dear Mr. Walsh:

On January 29, 1986, the following Basin Minerals wells were inspected and the following deficiencies were noted:

Lease No. SF-078097, well No. 100-A Federal, 950' FSL and 1005' FWL, sec. 27, T. 31 N., R. 11 W., San Juan County, New Mexico.

1. Wire cable needs to be removed from the location.
2. All above ground equipment must be painted green.
3. East side of pad must be reworked so that the slope is decreased to minimize erosion.
4. Any area of the well pad not needed for production must be seeded by drill with BLM Seed Mix No. 2. This must be done between July 15 and September 15, 1986.

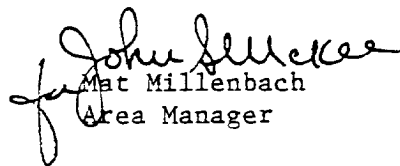
Lease No. SF-078097, well No. 1 Federal, 790' FSL and 1750' FWL, sec. 27, T. 31 N., R. 11 W., San Juan County, New Mexico.

1. Southeast side of pad must be reworked so that the slope is decreased to minimize erosion.
2. Any area of the well pad needed for production must be seeded by drill with BLM Seed Mix No. 2. This must be done between July 15 and September 15, 1986.

We should be notified by letter or Sundry Notice when the surface restoration is completed. We will schedule an inspection to check the wellsite after the grass has had a chance to become established.

If you have any questions, please contact the Fluids Surface Management Staff at (505) 325-4572.

Sincerely,


John Miller
Area Manager



P. O. BOX 3235 • FARMINGTON, NEW MEXICO 87499

INVOICE
NUMBER 7-171
INVOICE
DATE 07-25-86
PLEASE REFER TO ABOVE INVOICE
PLEASE REFER TO ABOVE INVOICE
NUMBER ON PAYMENTS OR COR-
RESPONDENCE.

Sold To: BASIN MINERALS, INC.

Date 07-24-86

Your Order No. _____

Charge: FEDERAL #100-A + FEDERAL #1

DESCRIPTION OF WORK Labour, equipment, and materials.
Haul equipment to location, set and painted tank,
strainer, and landing. Also, painted well-head
and production unit. Re-worked slopes and seeded.
Broke out blow-line and back-fill pit. Clean-up
trash around location. Loaded tubing & hauled to
Oyster Well Service yard & unloaded. Return to yard.

	HRS.	RATE	EXT.
<u>PUSHER</u>			
<u>RSTBT.</u>			
<u>RSTBT.</u>			
<u>RSTBT.</u>			
<u>RSTBT.</u>			
<u>RSTBT.</u>			
<u>EQUIPMENT</u>	<u>UNIT NO.</u>		
<u>2 1/2 Ton Truck</u>			
<u>Backhoe w/operator</u>			
<u>3/4 Ton Pickup w/paintsig</u>			
<u>Seed Drill</u>			
Sub-Total-			
Materials <u>#2 seed mix</u>			
<u>paint & thinner</u>			
Sub-Total			850.00
Tax		5%	42.50
TOTAL			892.50
STATE: <u>NM</u>	CO.: <u>SS</u>	LOADED MILES:	EMPTY MILES:

APPROVED BY [Signature]
DATE 8-5-86

As per Bill

TICKET

AUTHORIZED BY

TERMS: NET DUE 30 DAYS FROM DATE OF INVOICE

san juan repro Form 274-1

1887

San Juan Reproduction Co., Farmington, N.M.