

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 ☐ well gas ☒ well other

2. NAME OF OPERATOR
DEPCO, Inc.

3. ADDRESS OF OPERATOR
1000 Petroleum Building--Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1490' FSL, 730' FEL (NE $\frac{1}{4}$ SE $\frac{1}{4}$)
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) ☐

SUBSEQUENT REPORT OF:

☐
☒
☒
☐
☐
☒
☐
☐

5. LEASE

SF079162

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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7. UNIT AGREEMENT NAME

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8. FARM OR LEASE NAME

Burns Federal

9. WELL NO.

1M

10. FIELD OR WILDCAT NAME

Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 5-T26N-R7W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

14. API NO.

30-039-22393

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6067' GR 6079' KB

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

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.)*

- 9-18-80 Sandfrac Dakota Sand perforated intervals 6641-52'; 6685-6703'; 6725' to 6730'; and 6765-96' KB, using 2650 gallons 15% HCL, 145,000 lbs 20/40 sand and 160,220 gal cross-linked KCL water.
- 9-19-80 Sandfrac Graneros Sand perforated intervals 6556-62' and 6604-10' KB using 200 gal 15% HCL, 25,000 lbs 20/40 sand, and 47,700 gal crosslinked KCL wtr.
- 9-22-80 Sandfrac Point Lookout member of MesaVerde Sand perforated intervals 4504-30', and 4562-80' KB using 400 gal 15% HCL, 96,000 lbs 20/40 sand and 110,190 gal slick KCL water.
- 9-25-80 Ran 1 $\frac{1}{2}$ " - 2.9# - WP55 - EUE tbg landed @ 6756' KB with 5 $\frac{1}{2}$ " Baker Model "R" production packer set @ 4730' KB.
- 9-26-80 Ran 1 $\frac{1}{2}$ " - 2.4# - V55 - EUE tbg landed @ 4555' KB.
Swbg & flwg well to clean up Dakota & MesaVerde formations.

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

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

SIGNED

ACCEPTED FOR RECORD

Prod. Supt. DATE September 29, 1980

(This space for Federal or State office use)

APPROVED BY OCT 4 1980
CONDITIONS OF APPROVAL, IF ANY:

BY BW FARMINGTON DISTRICT

NMOCC



LTR



Job separation sheet

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

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 10/20/80	
Company Depco, Inc.		Connection NC	
Pool Blanco		Formation Mesaverde	
Completion Date 10/6/80		Total Depth 6912' KB	Plug Back TD 6830' KB
		Elevation 6067' GL	
Cng. Size 5 1/2"	Wt. 15.5#	Set At 6888' KB	Perforations: From 4504' To 4580'
Tbg. Size 1 1/4"	Wt. 2.4	Set At 4555j KB	Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. - multiple		Packer Set At 4730' KB	Form or Lease Name Burns Fed.
Producing Thru Tbg.	Reservoir Temp. °F a	Mean Annual Temp. °F	Well No. 1-M (dual)
L	H	Gg	Unit I 5 26N 7W
% CO ₂	% N ₂	% H ₂ S	County Rio Arriba
Prover	Meter Run	Taps	State New Mexico

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							1100#		1100#	
1.	2	x	3/4"				81#	56	470#	SI 7 days
2.										3 hrs.
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		93	1.0039	1.0000	1.0000	1,154
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.										
2.										
3.										
4.										
5.										

P _c 1112	P _c ² 1,236,544				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1,236,544}{1,236,544 - 232,324} = 1.1689$
1	8649	482	232,324	1,004,220	
2					
3					
4					
5					

Absolute Open Flow 1,349 Mcfd @ 15.025		Angle of Slope 75
Remarks:		

Approved by Commission:	Conducted by: Crum	Calculated by: Crum	Checked by:
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