Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF RESVR ☐ Other

2. NAME OF OPERATOR
Consolidated Oil & Gas Inc.

3. ADDRESS OF OPERATOR
P.O. Box 2038, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 800' from the North line & 1480' from the East Line of Section 13, Township 26 North, Range 4 West, NMPM.
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract 105

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jenney

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 13, Twn. 26 North Range 4 West NMPM.

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. PERMIT NO. | DATE ISSUED

15. DATE SPUDDED: 8-4-65
16. DATE T.D. REACHED: 8-21-65
17. DATE COMPL. (Ready to prod.): 9-10-65
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 6863 G.L.
19. ELEV. CASINGHEAD: 6863

20. TOTAL DEPTH, MD & TVD: 8030'
21. PLUG, BACK T.D., MD & TVD: 8025'
22. IF MULTIPLE COMPL., HOW MANY*: Dual
23. INTERVALS DRILLED BY: → ROTARY TOOLS: 0-T.D. CABLE TOOLS:

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7879-7895
7749-7760

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma Ray and Densilog

27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32#	307	13 3/4	170 Sacks	
7"	23#	3700	8 3/4	81 Sacks of 50-50 pozmix	
4 1/2"	9.50&11.60#	8038	6 1/4	See attached Drilling & Completion History.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 1/2"	7654	7650

31. PERFORATION RECORD (Interval, size and number)
7879-7895
7749-7760
4 holes per foot.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7749-7895	Sand & Water frac 110,964 gallons of water and 100,000 # of sand

33.* PRODUCTION

DATE FIRST PRODUCTION: | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Flowing | WELL STATUS (Producing or shut in): Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-10-65	3 Hrs.	3/4"			1038		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
60						.60 est.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Vented
TEST WITNESSED BY: A.A. Prater

35. LIST OF ATTACHMENTS
Drilling & Completion History, Gamma Ray Densilog

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE Production Foreman DATE 10-27-65

*(See Instructions and Spaces for Additional Data on Reverse Side)

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other

2. NAME OF OPERATOR: Consolidated Oil & Gas Inc.

3. ADDRESS OF OPERATOR: P.O. Box 2038, Farmington, New Mexico

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface
At top prod interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Jenney

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Blanco Mesaverde

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

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
		Dual	→		

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5614-5618 5744-5748
5704-5708 5772-5776

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1"	5537	open

31. PERFORATION RECORD (*Interval, size and number*)
5614-5618 5744-5748
5704-5708 5772-5776

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5614-5776	Sand and water frac with 78,120 gallons of water & 100,000 # of sand 20/40.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
	Flowing	Shut In

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-7-65	3 Hr	3/4					

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
364	517			5292		.70 est.

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Vented

TEST WITNESSED BY: Clyde Phillips

35. LIST OF ATTACHMENTS: Drilling & Completion History, Gamma Ray & Densilog, logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE Production Foreaman DATE 10-27-65

*(See Instructions and Spaces for Additional Data on Reverse Side)

DRILLING AND COMPLETION HISTORY

CONSOLIDATED OIL & GAS, INC.

JENNEY #1

Rio Arriba County, New Mexico
September 15, 1965

LOCATION:		800' FNL, 1480' FEL Section 13-T26N-R4W
ELEVATIONS:		6,875' KB 6,874' DF 6,863' GL
SPUD:		August 4, 1965
DRILLING COMPLETED: WELL COMPLETED:		August 21, 1965 September 10, 1965
TOTAL DEPTH:		8,030' Drilled (Logger's TD 8,025')
CASING:	Surface:	9-5/8" 32# casing set at 307' KB with 170 sx. regular cement + 2% CaCl.
	Intermediate:	7" 23# casing set at 3,700' KB with 56 sx. 50/50 Pozmix + 2% gel and 1/8# per sack of Celloflake. Tailed in with 25 sx. regular cement + 2% CaCl.
	Production:	4-1/2" 9.5#, 10.5# and 11.5# casing set at 8,038' KB. Cemented in 2 stages as follows: 1st stage: Casing shoe, 53 sx. regular cement and 53 sx. Diamix "A" + 1/8# per sack of Celloflake. Pre-flushed with 18 barrels of gel water. 2nd stage: Stage collar set at 5,877'. Cemented with 44 sx. type "C" cement and 44 sx. Diamix "A" + 4% gel and 1/8# per sack of Celloflake. Pre-flushed with 18 barrels of gel water.
TUBING:	Dakota:	1-1/2" intergral tubing set at 7,654' with Baker Model "D" Packer set at 7,650'.
	Mesaverde:	1" intergral tubing set at 5,537'.
LOGS:		Lane Wells Densilog
CORES & DRILL STEM TESTS:		None

FORMATION TOPS: (Log)

Cliffhouse	5,242'	(+1,633')
Point Lookout	5,610'	(+1,265')
Greenhorn	7,646'	(- 771')
Graneras	7,736'	(- 861')
Dakota	7,845'	(-1,070')

PRODUCING PERFORATIONS:

Dakota
7,879-7,895'
7,749-7,760'

Mesaverde
5,614-5,618'
5,704-5,708'
5,744-5,748'
5,772-5,776'

TREATMENT:		Acidized with 1,000 gallons of 15% acid in 3 stages
	Dakota:	Sand-water frac with 110,964 gallons of treated water and 100,000# 20/40 sand
	Mesaverde:	Sand-water frac with 78,120 gallons of treated water and 100,000# 20/40 sand

INITIAL POTENTIAL:

Dakota
Choke volume thru 3/4" choke: 1,038 MCFPD

Mesaverde
Choke volume thru 3/4" choke: 5,292 MCFPD
Calculated Absolute Open Flow: 6,274 MCFPD

WELL: JENNEY #1

LOCATION: 800' FNL & 1840' FEL, Section 13-26N-4W

FIELD: Blanco Mesaverde-Basin Dakota

COUNTY: Rio Arriba STATE: New Mexico

ELEVATIONS: 6,863' GL

COG INTEREST: 25%

OPERATOR: Consolidated Oil & Gas, Inc.

7/31/65

Staked location.

8/1/65

Building location.

8/2/65

Building location.

8/3/65

Moving in rotary rig.

8/4/65

Completed rigging up rotary tools. Drilled rat hole. Shut down for night. Plan to start operations this morning.

8/5/65

Spudded at 11:00 a.m. 8-4-65. Drilled 321' of 13-3/4" surface hole. Ran 11 jts. (321') of 9-5/8" 32# casing and set @ 307' KB. Cemented with 170 sx. of regular cement + 2% CaCl. Plug down at 7:00 p.m. 8-4-65. Good returns throughout cement job. Nippled up blow-out preventer. Tested casing to 800# - held OK. Prep. to drill ahead.

8/6/65

TD 1,588' KB. Drilled 1,267'. 2 Days. Bit #2. Drilling 8-3/4"hole. Native mud. Dev: 1/4° @ 750' and 3/4° @ 1,270'.

8/7/65

TD 2,368'. Drilled 780' sand & shale. 3 Days. Bit #3. Mud: Wt. 8.8#; Vis. 64. Dev: 1° @ 1,850'.

8/8/65

TD 2,770'. Drilled 402' sand & shale. 4 Days. Bit #4. Mud: Wt. 9#; Vis. 58. Dev: 1° @ 2,380'.

8/9/65

TD 3,132'. Drilled 362' sand & shale. 5 Days. Bit #5. Mud: Wt. 9#; Vis. 55; WL. 6 cc. Dev: 1/2° @ 2,850'.

8/10/65

TD 3,472'. Drilled 340' sand & shale. 6 Days. Bit #6. Mud: Wt. 9.2#; Vis. 53; WL. 7.8 cc. Dev: 3/4° @ 3,280'.

8/11/65

TD 3,700'. Drilled 228' sand & shale. 7 Days. Circulated and conditioned hole. Pulled out of hole. Rigged up and ran 7" casing. Lost circulation 1 joint off bottom. Now mixing mud and lost circulation material.

8/12/65

Regained circulation. Washed 15' to bottom. Ran 94 joints of 7" 23# casing (3,731') and set at 3,700' KB. Float collar at 3,659' KB. Cemented with 56 sx. of 50/50 Pozmix + 2% gel. and 1/8 lb. per sack of Celloflake. Tailed in with 25 sx. of regular cement + 2% CaCl. Plug down at 1:30 p.m. 8-11. Good circulation throughout cement job. Nippled up blow-out preventor. Blowing down at 1,500'.

8/13/65

Blew well to float collar at 3,659'. Drilled float collar and 15' of soft cement on top of float collar. After drilling float collar, drilled through to 3,697'; 3' of cement in bottom of shoe joint. Blew well for 1 hour, well trying to dust. Drilled 70' to 3,770', well dusting fair. Started making 1" stream of water at this depth. Blew well for 2 hours, water dried up. Drilled 15' to 3,785'. Well dusting fair. Stopped dusting at 3,800'. Blew well for 45 minutes, water dried up. Drilled 15' to 3,815' TD. Well started making 1" stream of heavy mud. Blew well for 2 hours, no decrease in mud. Pulled out of hole in preparation to squeeze well. Worked on blow-out preventor for 6 hours. Will not squeeze until blow-out preventor is fixed.

8/14/65

TD 3,927'. 10 Days. Dusting good. Ran full bore packer on drill pipe. Set packer at 3,565'. Tested casing to 1500 psig. Pumped into open hole at 5-barrel per minute rate at 600 psig. Squeezed with 100 sx. regular cement + 4% CaCl. Final squeeze pressure - 2500 psig. Job completed at 11:00 a.m. WOC.

8/15/65

TD 4,851'. Drilled 991'. 11 Days. Dusting good. Bit #6. Dev: 1° at 4,400'.

8/16/65

TD 5,385'. Drilled 534' sand & shale. 12 Days. Bit #7. Dev: 3/4° @ 5,115'.

8/17/65

TD 5,750'. Drilled 385' sand & shale. 13 Days. Bit #9. Picked up an estimated 100 MCF natural gas flow at 5,700'.

8/18/65

TD 6,553'. Drilled 803' sand & shale. 14 Days. Making trip for Bit #10. Dev: 1-1/4° @ 6,500'. No increase in natural flow to this depth.

8/19/65

TD 7,340'. Drilled 787' sand & shale. 15 Days. Bit #10. Well dusting good. No increase in natural flow at this depth, still maintaining rate of 100 MCF. Dev: 1-3/4° @ 7,080'.

8/20/65

TD 7,775'. Drilled 415' of sand & shale. 16 Days. Making rig repairs. Have been down for 6 hours. Made trip for button bit at 7,537'. Top of Greenhorn at 7,640'. No increase in natural flow.

8/21/65

TD 8,030'. Drilled 255'. 17 Days. Picked up 150 MCF natural flow at 7,915'. Down making rig repairs for 3 hours. Pulled drill pipe to log.

8/22/65

Pulled out of hole. Rigged up Lane Wells and ran Gamma Ray-Indensity Log and Caliper Log. Laid down drill pipe. Log Total Depth: 8,025'. Running 4-1/2" casing.

8/23/65

Ran 251 joints (8,018') of 9.5#, 10.5# and 11.5#, 4-1/2" casing and 1 joint (32.47') of 5-1/2" casing. Set at 8,028' KB. Float collar at 7,995' KB. Stage collar at 5,877' KB. One cement basket and centralizer at 5,940' KB and one centralizer at 5,595'. Cemented in 2 stages as follows:

1st stage: 53 sx. regular cement and 53 sx. Diamix "A" plus 1/8# per sack of Celloflake. Preflushed with 18 barrels of gel water. Plug down at 11:15 a.m.

2nd stage: 44 sx. type "C" cement and 44 sx. Diamix "A" plus 4% gel and 1/8# per sack of Celloflake. Preflushed with 18 barrels of gel water. Pumped plug with 2000# at 12:10 p.m. Held Ok.

Removed blow-out preventer, set slips. Rig released at 2:00 p.m. Moving out rotary rig.

8/24/65

Waiting on completion rig.

8/25/65

Waiting on completion rig.

8/26/65

Moving in completion rig.

8/27/65

Moved in Reams completion rig. Rigged up. Picked up 2-3/8" tubing. Found top of cement at 5,765'. Drilled 110' of hard cement. Drilled out stage collar at 5,877'. Pressured up. Found high pressure leak in slips and packing. Waiting on welder to repair.

8/28/65

Replaced packing, installed weld ring in 5-1/2" casing slips. Pressured to 2000#--held OK. Found top of cement at 7,850'. Cleaned out to 7,958'. Pressured up to 3000#--held OK. Spotted 1,000 gal. 15% regular acid.

Dakota frac job: Rigged up Lane Wells, ran correlation log. Perf: 7,879-95' and 7,749-60' with 4 shots per foot. Staged acid in 3 stages.

8/28/65 - Continued

Breakdown and fill	2,100 gallons
Treating fluid	110,964 gallons
Flush	50,000 gallons
Overflush	700 gallons
Sand - 20/40	100,000 lbs.
Balls	65 in 4 stages
Maximum injection rate	35 Bbls/min.
Average injection rate	33 Bbls/min.
Breakdown 1 pump	1000#
All pumps on	2700#
Maximum treating pressure	3300#
Minimum treating pressure	2700#
Average treating pressure	3000#
Final treating pressure	3000#
Instant shut-in	2000#
Five-minute shut-in	1700#

Job complete at 1:40 a.m.

Mesaverde frac job: Waited on sand for 6 hours. Perf: 5,614-18'; 5,704-08'; 5,744-48' and 5,772-76' with 4 shots per foot. Before perforating Mesaverde, set Baker mag. bridge plug at 5,800'.

Breakdown and fill	1,680 gallons
Treating fluid	78,120 gallons
Flush	3,864 gallons
Overflush	0
Sand - 20/40	100,000 lbs.
Balls	65 in 8 stages
Maximum injection rate	52 Bbls/min.
Average injection rate	45.3 Bbls/min.
Breakdown 1 pump	1300#
All pumps on	1600#
Maximum treating pressure	2300#
Minimum treating pressure	1500#
Average treating pressure	1800#
Instant shut-in	0
Five-minute shut-in	0

Job complete at 10:00 a.m.

8/29/65

Bridge plug set at 5,800'. Blew hole down to bridge plug. Blew Mesaverde 3 hours from bridge plug. Gauged Mesaverde at 5.2 MMCF. Still showing some frac water and sand. Preparing to drill bridge plug.

8/30/65

Drilled bridge plug at 5,800'. Well logged off with Dakota frac water. Pulled bit up to 4,000'. Blew well and pushed bridge plug to 7,925'. Dakota kicked off and started flowing. Hole logged off. Pulled bit up to 6,000'. Blew Mesaverde and Dakota for 4 hours. Gauged 6.2 MMCF from both zones. Pulled 2-3/8" tubing. Set Baker Model "D" Packer at 7,650'. Gauged well at 6:00 a.m. with 8 MMCF from both zones. Preparing to run 1-1/2" tubing.

8/31/65

Dakota tubing string: Ran 230 joints (7,499.52') of 1-1/2" intergral tubing. Ran 5 Baker blast joints (101.68'). Ran six 1-1/2" intergral pup joints (36'). Landed donut and changeover at 12' KB. Tubing landed with 9000# on packer at 7,653.95'. Blast joints spaced over Mesaverde perforations from 5,780-5,605'.

Mesaverde tubing string: Ran 170 joints (5,525') of 1" intergral tubing and landed at 5,537' KB. Nippled up wellhead. Pumped plug out of Dakota tubing. Rigging down.

9/1/65

Shut in for 7-day test. Pressures: Dakota - 400#; Mesaverde - 1080#/1090#.

9/2/65

Opened 1-1/2" tubing. Cleaned Dakota and checked packer leakage. After 3 hours of blowing and cleaning, Dakota was making heavy spray of water and oil. After 3 hours, Dakota gauged 2 MMCF. While flowing Dakota, Mesaverde pressure came up 4#. Well now shut in for 7-day test.

9/3/65

Shut in for 7-day test. Dakota Shut-In Tubing Pressure: 2093#; Mesaverde Shut-In Tubing Pressure/Shut-In Casing Pressure: 1070#/1070#.

9/4/65

Shut in for 7-day test.

9/5/65

Shut in for 7-day test.

9/6/65

Shut in for 7-day test.

9/7/65

Testing Mesaverde today.

9/8/65

Mesaverde Test (through casing): Choke Volume - 5,292 MCF. AOF - 6,274 MCF. Test dry. Initial Shut In Tubing Pressure: 1146#. Initial Shut In Casing Pressure: 1161#. Final Flowing Tubing Pressure: 517#. Final Flowing Casing Pressure: 364#.

Dakota Tubing Pressure increased from 2340# to 2383# while testing Mesaverde. Will test Dakota today.

9/9/65

Tested Dakota (through 1-1/2" tubing): Choke Volume - 1,080 MCF. Initial Shut In Tubing Pressure: 2387#. Final Flowing Tubing Pressure: 72#. Well made heavy intermittent slugs of water and oil. Will clean well and shut in after cleaning for new test.

9/10/65

Orders changed to not retest the Dakota zone. Paper work will be filed on original Dakota test of 1,080 MCF. Awaiting pipeline connection. Final Report.

OPEN FLOW TEST DATA

DATE September 7, 1965

Operator	Consolidated Oil & Gas Inc.
Lease	Jenney # 1
Location	Sec 13, Twn 26 N, R-4 W, 800' FNL, 1840 FEL
County	Rio Arriba
State	New Mexico
Formation	Blanco Mesaverde
Pool	Mesaverde (Blanco)
Casing: Diameter	4 1/2"
Set At: Feet	8034 KB
Tubing: Diameter	1" IJ
Set At: Feet	5527 KB
Pay Zone: From	5701
To	5800
Total Depth	8030
Stimulation Method	Sand and Water Frac
Flow Through Casing	XX
Flow Through Tubing	

Choke Size, Inches	3/4"
Choke Constant: C	14.1605
Shut-In Pressure, Casing, PSIG	1146
+ 12 = PSIA	1258
Days Shut-In	7
Shut-In Pressure, Tubing, PSIG	1161
+ 12 = PSIA	1173
Flowing Pressure: P, PSIG	364
+ 12 = PSIA	376
Working Pressure: P_w, PSIG	517
+ 12 = PSIA	529
Temperature: T, °F	40
n =	75
Fpv (From Tables)	1.053
Gravity	.70 est.

CHOKE VOLUME Q = C x P_t x F_t x F_g x F_{pv}

Q = 14.1605 x 376 x 1.0198 x .9258 x 1.053 = 5,424 MCF/D

OPEN FLOW Aof = Q $\left(\frac{P_c^2}{P_c^2 - P_w^2}\right)^n$

Aof = $\left(\frac{1582564}{1302723}\right)^n$ = 1.2148$^{.75}$ = 1.1856

Aof = 6,431 MCF/D

TESTED BY John Walker

WITNESSED BY Clyde Phillips

CC: Rudy Motto S.U.G.
Wayne Rogers C.O.G.
Bruno Giovannini S.U.G.
Mr. Orin Angeltine S. U.

Clyde Phillips
Clyde Phillips
Production Foreman

OPEN FLOW TEST DATA

DATE September 10, 1965

Operator	Consolidated Oil & Gas Inc.
Lease	Jenney #1
Location	Sec 13, Twn 26 North R-4 West 800'FNL 1840EL
County	Rio Arriba
State	New Mexico
Formation	Basin Dakota
Pool	Dakota (Basin)
Casing: Diameter	4 1/2"
Set At: Feet	8034
Tubing: Diameter	1 1/2" IJ
Set At: Feet	7654
Pay Zone: From	7750
To	8000
Total Depth	8030
Stimulation Method	Sand & Water Frac.
Flow Through Casing	
Flow Through Tubing	XX

Choke Size, Inches	3/4"
Choke Constant: C	14.1605
Shut-In Pressure, Casing, PSIG	
+ 12 = PSIA	
Days Shut-In	7
Shut-In Pressure, Tubing, PSIG	2347
+ 12 = PSIA	2359
Flowing Pressure: P, PSIG	60
+ 12 = PSIA	72
Working Pressure: P_w, PSIG	
+ 12 = PSIA	
Temperature: T, °F	55
n =	72
Fpv (From Tables)	1.011
Gravity	.60 est.

CHOKE VOLUME Q = C x P_t x F_t x F_g x F_{pv}

Q = 14.1605 x 72 x 1.0048 x 1.000 x 1.011 = 1038 MCF/D

OPEN FLOW Aof = Q $\left(\frac{P_c^2}{P_c^2 - P_w^2}\right)^n$

Aof = $\left(\quad\right)^n$

Aof = MCF/D

This well was making heavy amounts of water. The well would test better if it was cleaned up 24 hours. This is a much better well than this test indicates.

TESTED BY John Walker

WITNESSED BY A.A. Foster

CC: Rudy Motto S.U.G.
Wayne Rogers C.O.G.
Bruno Giovannini S.U.G.
Mr. Orin Angeltine S.U.G.

Clyde Phillips
Production Foreman