

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R358.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico																									
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐		14. PERMIT NO.		DATE ISSUED																									
2. NAME OF OPERATOR Consolidated Oil & Gas Inc.		15. DATE SPUDDED 8-23-65		16. DATE T.D. REACHED 9-15-65																									
3. ADDRESS OF OPERATOR P.O. Box Farmington, New Mex.		17. DATE COMPL. (Ready to prod.) 10-14-65		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6288 O.L.																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 172' & 1450' FWL of section 11, Township 20 North At top prod. interval reported below Range 4 West, NMP. At total depth		20. TOTAL DEPTH, MD & TVD 8015		21. PLUG, BACK T.D., MD & TVD 8015																									
5. LEASE DESIGNATION AND SERIAL NO. Blanco Mesaverde		22. IF MULTIPLE COMPL., HOW MANY* Dual		23. INTERVALS DRILLED BY Q-TB.																									
6. IF INDIAN, ALLOTTEE OR TRIBE NAME		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5769-5838 Blanco Mesaverde		25. WAS DIRECTIONAL SURVEY MADE No																									
7. UNIT AGREEMENT NAME 101		26. TYPE ELECTRIC AND OTHER LOGS RUN Densilog & Gamma ray & Caliper		27. WAS WELL CORED No																									
8. FARM OR LEASE NAME		28. CASING RECORD (Report all strings set in well)																											
9. WELL NO.		<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>9 5/8</td><td>32</td><td>316</td><td>13 3/4</td><td>170 of regular</td><td></td></tr><tr><td>7</td><td>23</td><td>3725</td><td>8 3/4</td><td>96 wt. 50-50 portix</td><td></td></tr><tr><td>4 1/2</td><td>10.50-11.60</td><td>8025</td><td>6 1/4</td><td>Cemented in two stages 106 wt. 1st stage & 88 wt. second stage</td><td></td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	9 5/8	32	316	13 3/4	170 of regular		7	23	3725	8 3/4	96 wt. 50-50 portix		4 1/2	10.50-11.60	8025	6 1/4	Cemented in two stages 106 wt. 1st stage & 88 wt. second stage	
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10. FIELD AND POOL, OR WILDCAT		29. LINER RECORD																											
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 11, T26N, R4W, NMP.		<table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>				SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																			
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21. PLUG, BACK T.D., MD & TVD 8015		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented																											
22. IF MULTIPLE COMPL., HOW MANY* Dual		35. LIST OF ATTACHMENTS Drilling & Completion History & Gamma ray Densilog																											
23. INTERVALS DRILLED BY Q-TB.		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5769-5838 Blanco Mesaverde		SIGNED Clyde Phillips TITLE Production Foreman DATE 10-22-65																											
25. WAS DIRECTIONAL SURVEY MADE No		* (See Instructions and Spaces for Additional Data on Reverse Side)																											

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS		
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.			
			See attached drilling & completion history			

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(See other instructions on reverse side)

Form approved.
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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					
3. ADDRESS OF OPERATOR					
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					
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, R&B, 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
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*				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					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 1/2	7706	7700

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7790-7794	4 Holes per foot	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7800-7808		7790-7940	Sand & Water Free With
7822-7832			117,250 gallons of Water &
7934-7940			100,000 of 20-40 Sand

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	
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10-23-65	3	3/4	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
330	Packer	→		4677		70 est.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Vented						Ralph Abbott	
35. LIST OF ATTACHMENTS							

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

SIGNED Clyde Phillips TITLE Production Foreman DATE 10-22-65

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

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37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS		
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FORMATION	TOP	BOTTOM		MEAS. DEPTH	TRUE VERT. DEPTH

DRILLING AND COMPLETION HISTORY

CONSOLIDATED OIL & GAS, INC.

MC INTYRE #1

Rio Arriba County, New Mexico
October 15, 1965

LOCATION: 1730' FNL, 1450' FWL
Section 11-T26N-R4W

ELEVATIONS: 6,900' KB
6,888' GL

SPUD: August 23, 1965

DRILLING COMPLETED: September 15, 1965
WELL COMPLETED: October 14, 1965

TOTAL DEPTH: 8,015' Drilled (Logger's TD 8,026')

CASING: Surface: 9-5/8" 32# casing set at 316' KB with
170 sx. regular cement + 2% CaCl.

Intermediate: 7" 23# J-55 casing set at 3,725' KB
with 56 sx. 50/50 Pozmix + 2% gel
and tailed in with 40 sx. regular cement
+ 2% CaCl.

Production: 4-1/2" 11.6#, 10.5#, 15.5# casing set
at 8,025.45' KB. Cemented in 2 stages
as follows:

1st stage: 106 sx. 50/50 Pozmix with
1/8# Gel Flake per sack of
cement. Pre-flushed with
20 barrels of gel water.

2nd stage: 88 sx. 50/50 Pozmix + 4%
gel and 1/8# Gel Flake per
sack of cement. Pre-flushed
with 20 barrels of gel water.

TUBING:

Dakota

1-1/2" IJ tubing set at 7,706' with Baker
Model "D" Production Packer at 7,700'

Mesaverde

1" regular tubing set at 5,750

LOGS:

Lane Wells Densilog

CORES & DRILL STEM TESTS:

None

FORMATION TOPS: (Log)

Cliffhouse	5,298'	(+1602')
Point Lookout	5,756'	(+1144')
Greenhorn	7,710'	(- 810')
Graneras	7,784'	(- 884')
Dakota	7,906'	(-1006')

PRODUCING PERFORATIONS:

Dakota

7,790-7,794'
7,800-7,808'
7,822-7,832'
7,934-7,940'

Mesaverde

5,769-5,773'
5,785-5,787'
5,809-5,814'
5,834-5,838'

TREATMENT:

Acidized with 1,000 gallons of 15%
regular acid in 2 stages

Dakota

Sand-water frac with 117,250 gallons of
treated water and 100,000# of 20-40 sand

Mesaverde

Sand-water frac with 53,670 gallons of
treated water and 60,000# of 20-40 sand

INITIAL POTENTIAL:

Dakota

Choke volume thru 3/4" choke: 4,677 MCF/D

Mesaverde

Choke volume thru 3/4" choke: 2,851 MCF/D
Calculated Absolute Open Flow: 3,058 MCF/D

WELL: MC INTYRE #1

LOCATION: 1734' FWL & 1444' FWL Section 11-14N-4W

FIELD: Blanco Mesquite-Beck Dakota

COUNTY: Rio Arriba STATE New Mexico

ELEVATIONS: 6,686' L. G. & 7,290' KB

COG INTEREST: 45%

OPERATOR: Consolidated Oil & Gas, Inc.

8/1/65

Staking location

8/5/65

Location staked

8/6/65

Building location

8/7/65

Building location

8/8/65

Building location

8/9/65

Building location

8/10/65

Building location

8/11/65

Location complete. Waiting on rotary rig

8/12/65

Waiting on rotary rig

8/13/65

Waiting on rotary rig

MC INTYRE #1

Page 2

8/14/65

Waiting on rotary rig

8/15/65

Waiting on rotary rig

8/16/65

Waiting on rotary rig

8/17/65

Waiting on rotary rig

8/18/65

Waiting on rotary rig

8/19/65

Leaving gas line in field

8/20/65

Waiting on rotary rig

8/21/65

Waiting on rotary rig

8/22/65

Waiting on rotary rig

8/23/65

Moving in and rigging up rotary tools. Will spud today

8/24/65

Finished moving out rotary rig. Drilled rat hole and mouse hole. Spud at 12:00 midnight 8/24/65. Drilling 11-144' hole at 210'. Dev. 1 1/2" @ 150'.

MC INTYRE #1

Page 1

8/25/65

TD 490'. Drilled 290' sand & shale. 10 days. Run 10' casing at 490'. Set 9-5/8" 320 surface pipe (318) and set at 516' KB. Cemented with 170 ex. regular cement with 2% CaCl₂. Plug down at 516' p.m. on August 24. Good returns on cement job. Nipped up 320 pipe to 10000--held OK.

8/26/65

TD 1,618'. Drilled 1,328' sand & shale. 10 days. Run 10' casing at 1,618'. Set 9-5/8" 320 surface pipe (318) and set at 1,618' KB. Cemented with 170 ex. regular cement with 2% CaCl₂. Plug down at 1,618' p.m. on August 24. Good returns on cement job. Nipped up 320 pipe to 10000--held OK.

8/27/65

TD 2,340'. Drilled 722' sand & shale. 4 days. Run 10' casing at 2,340'. Set 9-5/8" 320 surface pipe (318) and set at 2,340' KB. Cemented with 170 ex. regular cement with 2% CaCl₂. Plug down at 2,340' p.m. on August 24. Good returns on cement job. Nipped up 320 pipe to 10000--held OK.

8/28/65

TD 2,725'. Drilled 383' sand & shale. 4 days. Run 10' casing at 2,725'. Set 9-5/8" 320 surface pipe (318) and set at 2,725' KB. Cemented with 170 ex. regular cement with 2% CaCl₂. Plug down at 2,725' p.m. on August 24. Good returns on cement job. Nipped up 320 pipe to 10000--held OK.

8/29/65

TD 1,047'. Drilled 547' sand & shale. 4 days. Run 10' casing at 1,047'. Set 9-5/8" 320 surface pipe (318) and set at 1,047' KB. Cemented with 170 ex. regular cement with 2% CaCl₂. Plug down at 1,047' p.m. on August 24. Good returns on cement job. Nipped up 320 pipe to 10000--held OK.

8/30/65

TD 1,340'. Drilled 270' sand & shale. 4 days. Run 10' casing at 1,340'. Set 9-5/8" 320 surface pipe (318) and set at 1,340' KB. Cemented with 170 ex. regular cement with 2% CaCl₂. Plug down at 1,340' p.m. on August 24. Good returns on cement job. Nipped up 320 pipe to 10000--held OK.

8/31/65

TD 1,518'. Drilled 178' sand & shale. 4 days. Run 10' casing at 1,518'. Set 9-5/8" 320 surface pipe (318) and set at 1,518' KB. Cemented with 170 ex. regular cement with 2% CaCl₂. Plug down at 1,518' p.m. on August 24. Good returns on cement job. Nipped up 320 pipe to 10000--held OK.

9/1/65

TD 3,725'. Drilled 1,407' sand & shale. 4 days. Run 10' casing at 3,725'. Set 9-5/8" 320 surface pipe (318) and set at 3,725' KB. Cemented with 170 ex. regular cement with 2% CaCl₂. Plug down at 3,725' p.m. on August 24. Good returns on cement job. Nipped up 320 pipe to 10000--held OK.

9/2/65

TD 3,725'. Drilled 70' sand & shale. 4 days. Run 10' casing at 3,725'. Set 9-5/8" 320 surface pipe (318) and set at 3,725' KB. Cemented with 170 ex. regular cement with 2% CaCl₂. Plug down at 3,725' p.m. on August 24. Good returns on cement job. Nipped up 320 pipe to 10000--held OK.

9/3/65 (continue)

Continuation of cement job on bottom. Good returns on cement job. Cemented with 170 ex. regular cement with 2% CaCl₂. Plug down at 3,725' p.m. on August 24. Good returns on cement job. Nipped up 320 pipe to 10000--held OK.

9/4/65

TD 3,745'. Drilled 25' of new hole. 4 days. Run 10' casing at 3,745'. Set 9-5/8" 320 surface pipe (318) and set at 3,745' KB. Cemented with 170 ex. regular cement with 2% CaCl₂. Plug down at 3,745' p.m. on August 24. Good returns on cement job. Nipped up 320 pipe to 10000--held OK.

9/5/65

TD 3,745'. Drilled 10' of new hole. 4 days. Run 10' casing at 3,745'. Set 9-5/8" 320 surface pipe (318) and set at 3,745' KB. Cemented with 170 ex. regular cement with 2% CaCl₂. Plug down at 3,745' p.m. on August 24. Good returns on cement job. Nipped up 320 pipe to 10000--held OK.

9/6/65

TD 3,978'. Drilled 233' of new hole. 4 days. Run 10' casing at 3,978'. Set 9-5/8" 320 surface pipe (318) and set at 3,978' KB. Cemented with 170 ex. regular cement with 2% CaCl₂. Plug down at 3,978' p.m. on August 24. Good returns on cement job. Nipped up 320 pipe to 10000--held OK.

4/6/65

TD 3,978' Drilled 6 1/2 Days Maximum squeeze pressure 2500#
Squeeze job completed at 12:00 p.m. Came out of hole with packer. Put
on bit. Blew hole down to 3,720'. Top of cement. Drilled 120' of firm
sand cement from 3,720' to 3,840'. Hole dusting good. Have gone into open
hole. Now at 3,844'. Flowing hole. Each 134' being on bottom.

4/16/65

TD 4,200' Drilled 7 1/2 Days. Bit cement at 3,850'. Drilled from
3,850' to 4,176' at cement. Hole dusting good. 150' of open hole from
3,850' to 4,176'. Water in open hole. Blew and cleaned hole. Started drilling
at 4,176' to 4,000' dusting good. Hole stopped dusting at 4,000'. Blew hole
for 2 hours. Circulating gas pressure building. Came out of hole with
trial pipe. Unplugged bit. Went in hole with bit and trial pipe. Hit bridge
at 2,900'. Plugged bit. Came out of hole with trial pipe and bit. Unplugged
bit. Went back in hole with bit and drill pipe. Drilled a bridge from
2,900' to 3,000'. Hole dusting good. Hit bridge at 3,900' to 3,950' of bottom.
Now blowing and drilling our bridge at 3,900'.

4/20/65

TD 4,042' Drilled 4 1/2 Days. Drilled bridge out from 3,900' to
dusting good. Blew hole from 3,950' to 4,000'. Blew hole 1 1/2 hours at
4,000'. Hole dusting good. Drilled from 4,000' to 4,015'. 75% dust. Drilled
from 4,015' to 4,035'. 50% dust. Gas circulating pressure started increasing.
Blew hole at 4,035' for 3 more hours. Drilled to 4,042' making 1 1/2
time and blowing hole. 50% dust. Circulating gas pressure started in-
creasing. Worked drill pipe up into 7'. Drill pipe had hard drag up to
2,000'. At 2,000' drill pipe freed up. Got full returns on circulating gas.
Started blowing back down at 2,000' getting a lot of dust and cuttings. From
2,000' to 3,000' (inside 7') cleaned and blew getting a lot of dust and cuttings.
A natural flow of gas has shown up. Now blowing and cleaning hole at 3,000'.

4/29/65

TD 4,642' Drilled 60 1/2 Days. Blew and cleaned
hole from 3,600' to 4,042'. Hole started dusting. Now drilling ahead with
gas from 4,642' with Bit #8.

5/10/65

TD 5,190' Drilled 54 1/2 Days. Bit #8. Hole dusting good. Drilling
at 4,600'.

5/11/65

TD 5,140' Drilled 58 1/2 Days. Bit #8. Drilling with gas. Hole
dusting good. Had natural flow of gas at depth of 5,140'. Gaged 150 MCF.

5/12/65

TD 5,190' Drilled 60 1/2 Days. Bit #8. Drilling with gas. Hole
dusting good. Drilling at 4,600'.

5/13/65

TD 5,190' Drilled 60 1/2 Days. Bit #8. Drilling with gas. Hole
dusting good. Drilling at 4,600'.

5/14/65

TD 5,190' Drilled 60 1/2 Days. Bit #8. Drilling with gas. Hole
dusting good. Drilling at 4,600'.

5/15/65

TD 5,190' Drilled 60 1/2 Days. Bit #8. Drilling with gas. Hole
dusting good. Drilling at 4,600'.

5/16/65

Finished running Gamma Ray. Drilling and Galper Logs. 75 Days. Log
Total Depth = 5,026'. Picked up natural flow of gas at estimated rate of
500 MCF from Graneros top to total depth of 5,015' and 1/8" to 1 1/4"
stream of oil. Picked up natural flow of gas at estimated rate of 150 MCF
through Mesaverde zone. Total estimated natural flow = 500 MCF. Laid
down drill pipe. Ran 255 joints of 4-1/2" casing. Set at 5,025.45' and
cemented in 2 stages. Finished at 5:20 a.m. 5/17/65.

5/17/65

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Total Depth = 5,026'. Picked up natural flow of gas at estimated rate of
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down drill pipe. Ran 255 joints of 4-1/2" casing. Set at 5,025.45' and
cemented in 2 stages. Finished at 5:20 a.m. 5/17/65.

4/18/65

Waiting on completion.

4/19/65

Waiting on completion.

4/20/65

Waiting on completion.

4/21/65

Waiting on completion.

4/22/65

Waiting on completion.

4/23/65

Waiting on completion.

4/24/65

Waiting on completion.

4/25/65

Waiting on completion.

4/26/65

Waiting on completion.

4/27/65

Waiting on completion.

4/28/65

Waiting on completion.

4/29/65

Waiting on completion.

4/30/65

Waiting on completion.

4/21/65

Waiting on completion.

4/22/65

Waiting on completion.

4/23/65

Waiting on completion.

4/24/65

Waiting on completion.

4/25/65

Waiting on completion.

4/26/65

Waiting on completion.

4/27/65

Waiting on completion.

4/28/65

Waiting on completion.

4/29/65

Waiting on completion.

4/30/65

Waiting on completion.

4/31/65

Waiting on completion.

4/32/65

Waiting on completion.

4/33/65

Waiting on completion.

265 - 701 11/11/11

Perforated Mesaverde zone from 5,769-73, 5,785-87, 5,809-14 and 5,834 - 8 KB with 4 shots per foot per Denslog. Sand-water ratio is in order of 1:1.

1. Weight (kg)	1000g
2. Height (cm)	200.00
3. Age (years)	150.00
4. Gender (Male/Female)	40.00
5. Heart rate (b/min)	100.00
6. Stroke volume (ml)	100.00
7. Cardiac output (l/min)	100.00
8. Stroke work (J)	100.00
9. Stroke power (W)	100.00
10. Stroke efficiency (%)	100.00
11. Stroke volume index (ml/m ²)	100.00
12. Cardiac output index (l/min/m ²)	100.00
13. Stroke work index (J/m ²)	100.00
14. Stroke power index (W/m ²)	100.00
15. Stroke efficiency index (%)	100.00
16. Stroke volume index (ml/m ²)	100.00
17. Cardiac output index (l/min/m ²)	100.00
18. Stroke work index (J/m ²)	100.00
19. Stroke power index (W/m ²)	100.00
20. Stroke efficiency index (%)	100.00
21. Stroke volume index (ml/m ²)	100.00
22. Cardiac output index (l/min/m ²)	100.00
23. Stroke work index (J/m ²)	100.00
24. Stroke power index (W/m ²)	100.00
25. Stroke efficiency index (%)	100.00
26. Stroke volume index (ml/m ²)	100.00
27. Cardiac output index (l/min/m ²)	100.00
28. Stroke work index (J/m ²)	100.00
29. Stroke power index (W/m ²)	100.00
30. Stroke efficiency index (%)	100.00
31. Stroke volume index (ml/m ²)	100.00
32. Cardiac output index (l/min/m ²)	100.00
33. Stroke work index (J/m ²)	100.00
34. Stroke power index (W/m ²)	100.00
35. Stroke efficiency index (%)	100.00
36. Stroke volume index (ml/m ²)	100.00
37. Cardiac output index (l/min/m ²)	100.00
38. Stroke work index (J/m ²)	100.00
39. Stroke power index (W/m ²)	100.00
40. Stroke efficiency index (%)	100.00
41. Stroke volume index (ml/m ²)	100.00
42. Cardiac output index (l/min/m ²)	100.00
43. Stroke work index (J/m ²)	100.00
44. Stroke power index (W/m ²)	100.00
45. Stroke efficiency index (%)	100.00
46. Stroke volume index (ml/m ²)	100.00
47. Cardiac output index (l/min/m ²)	100.00
48. Stroke work index (J/m ²)	100.00
49. Stroke power index (W/m ²)	100.00
50. Stroke efficiency index (%)	100.00
51. Stroke volume index (ml/m ²)	100.00
52. Cardiac output index (l/min/m ²)	100.00
53. Stroke work index (J/m ²)	100.00
54. Stroke power index (W/m ²)	100.00
55. Stroke efficiency index (%)	100.00
56. Stroke volume index (ml/m ²)	100.00
57. Cardiac output index (l/min/m ²)	100.00
58. Stroke work index (J/m ²)	100.00
59. Stroke power index (W/m ²)	100.00
60. Stroke efficiency index (%)	100.00
61. Stroke volume index (ml/m ²)	100.00
62. Cardiac output index (l/min/m ²)	100.00
63. Stroke work index (J/m ²)	100.00
64. Stroke power index (W/m ²)	100.00
65. Stroke efficiency index (%)	100.00
66. Stroke volume index (ml/m ²)	100.00
67. Cardiac output index (l/min/m ²)	100.00
68. Stroke work index (J/m ²)	100.00
69. Stroke power index (W/m ²)	100.00
70. Stroke efficiency index (%)	100.00
71. Stroke volume index (ml/m ²)	100.00
72. Cardiac output index (l/min/m ²)	100.00
73. Stroke work index (J/m ²)	100.00
74. Stroke power index (W/m ²)	100.00
75. Stroke efficiency index (%)	100.00
76. Stroke volume index (ml/m ²)	100.00
77. Cardiac output index (l/min/m ²)	100.00
78. Stroke work index (J/m ²)	100.00
79. Stroke power index (W/m ²)	100.00
80. Stroke efficiency index (%)	100.00
81. Stroke volume index (ml/m ²)	100.00
82. Cardiac output index (l/min/m ²)	100.00
83. Stroke work index (J/m ²)	100.00
84. Stroke power index (W/m ²)	100.00
85. Stroke efficiency index (%)	100.00
86. Stroke volume index (ml/m ²)	100.00
87. Cardiac output index (l/min/m ²)	100.00
88. Stroke work index (J/m ²)	100.00
89. Stroke power index (W/m ²)	100.00
90. Stroke efficiency index (%)	100.00
91. Stroke volume index (ml/m ²)	100.00
92. Cardiac output index (l/min/m ²)	100.00
93. Stroke work index (J/m ²)	100.00
94. Stroke power index (W/m ²)	100.00
95. Stroke efficiency index (%)	100.00
96. Stroke volume index (ml/m ²)	100.00
97. Cardiac output index (l/min/m ²)	100.00
98. Stroke work index (J/m ²)	100.00
99. Stroke power index (W/m ²)	100.00
100. Stroke efficiency index (%)	100.00

Blowing self down in 1940

14. 0'

Flow in this well was 10.5 gpm. Found NO₃ of salt on top of bridge plug. Box 4 from 6 on top of Mesa sand perforations below leaking gas flow at 2.530 MCF per day. Well working - 4.5 gpm of brack water from Mesa sand.

17 4.5

FD-36 (Rev. 12-13-56) Directed bridge plug at 8:00 AM. #1 plugged in with water
filled up to 4.500 and blew away for 100 ft. Had good amount of
gas and oil. Directed and chased plug to 100 ft. Blown up to 7.00
and blew away. Chased 4.500 M. with good oil show. Cleaned out
4.00 sand and blew away at 1.940. The plug blown. Blown out with
 tubing. Now rigging up wire line to 2.000 and set Mode 10. Expect
out 10.000.

11. 02

[illegible]

1. 5. 0

TD 4001 is a developed oil reservoir of water drive type, held in place by a water seal sitting below the oil. It is a layered structure with a water seal at the base, a 400-meter repetition of oil and water layers, and a 400-meter gas layer at the top.

1997, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681

[illegible]

100

[illegible]

6-

Tested Dakota for a house - hole 4' - 7' McPherson, then 4' - 6' chert. Final Flowing Pressure = 100 lbs. Shut In Pressure = 2100 psi. Estimate very small production from this well.
Test Alconville today.

450

1. The M... ..
2. The
3. The
4. The
5. The
6. The
7. The
8. The
9. The
10. The

OPEN FLOW TEST DATA

DATE October 11, 1965

[illegible]

DRIVE VOLTAGE $\cdot \text{C} = P_1 \times F_1 = P_2 \times F_2$

Q 14.1605 is 34.2 x 1.000 x .9258 x 1.041 6677 MCF D

$$f_{\text{eff}} = \frac{1}{2} \left(\frac{1}{f_1} + \frac{1}{f_2} \right)$$

4 (-)

Asi 2000

1000 - **Adm. Order**

CC: Mr. Wayne Rogers C.U.C.
 Susan Giovanni S.U.C.
 Betty Little S.U.C.
 Mr. Jean Martinez S.U.C.

Cyde Phillips

OPEN FLOW TEST DATA

DATE October 22, 1964

[illegible]

CHINESE FOR NAME: 李 建 强, 李 建 强, 李 建 强, 李 建 强, 李 建 强

U.S. DEPARTMENT OF JUSTICE 4811 WCF

PLATE 10

[illegible]

458

4.4. Proof

SALES ABSTRACT:
Mr. Wayne Rogers
from November 1, 1961
to 12/31/61
1961-1962