

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

Contract #47

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Tribal Cont. #47

9. WELL NO.

#1-JV-47

10. FIELD AND POOL, OR WILDCAT Gallup

~~Thacori Dakota~~ Undesignated

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

Sec. 12, T23N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

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

Chace Oil Company, Inc.

3. ADDRESS OF OPERATOR

313 Washington, SE, Albuquerque, NM 87108

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).

At surface Unit 'I' - 1850' FSL and 790' FSL

At top prod. interval reported below

At total depth

14. PERMIT NO.

RECEIVED
JAN 24 1983
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

15. DATE SPUDDED 12/23/81 16. DATE T.D. REACHED 1/5/82 17. DATE COMPL. (Ready to prod.) 11/14/82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7484' GR 19. ELEV. CASINGHEAD 7386'

20. TOTAL DEPTH, MD & TVD 7760' 21. PLUG, BACK T.D., MD & TVD 7715' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-7760' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

Gallup: 6318-6490' Greenhorn: 7216'- 7249' Tocito: 6907'-7014'

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction - Density

27. WAS WELL CORED

Yes

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	23#	263'	9 5/8"	SEE ATTACHED	
4 1/2"	11.6#	7753'	7 7/8"		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7466'	

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

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

DEPTH INTERVAL (MD) AMOUNT AND TYPE OF MATERIAL USED

SEE ATTACHED

JAN 28 1983

CON. DIV.

33.* PRODUCTION

DATE FIRST PRODUCTION 2/17/82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump

3. (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
11/16/82	24	2"	→	37	12	8	324
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
70	155	→	37	12	8		43

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

Used for fuel and vented

TEST WITNESSED BY

Andy Birdsell - Royce McCary

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

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

SIGNED

B. W. Miller

TITLE

President

DATE

JAN 24 1983

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

FARMINGTON

NMOCC

BY

406

Cement Record

5/8" casing → 250 sxs Class "B", 3% calcium chloride.
CT → Surface

1/2" casing → 1st 750 sxs 50:50 poz w/ 2% cc, 6 1/4 # gilsonite/sx.
2nd 250 sxs Class "B" cement w/ 12% gel, 500 sxs
Class "B" Cement.

CT → 600'

ACID, SHOT, FRACTURE, CEMENT SQUEEZE:

11/12/82: Spot 250 gal. 7 1/2% Hcl H₂O from 7486'-7103'.

Dakota formation: - 3,039 bbls. slurry
102,000# sand

Spot 250 gal 7 1/2% Hcl from 7014' to 6631'.

Tocito formation: 23,637# sand

Gallup formation: 1092 bbls. slurry
34,120# sand in formation

RECEIVED

JAN 2 8 1983

ON. DIV.

3

PERFORATIONS:

Gallup: 6318', 6322', 6325', 6327', 6329', 6341', 6355', 6359', 6364', 6420', 6427',
6431', 6436', 6444', 6446', 6448', 6477', 6485', 6490'

Greenhorn: 7216', 7221', 7223', 7231', 7235', 7238', 7243', 7249'

Dakota "A": 7323', 7326', 7329'

Dakota "D": 7474', 7476', 7478', 7480', 7481', 7483', 7386'

Dakota "B": 7386', 7388', 7390', 7392'

Tocito: 6907', 6911', 6914', 6920', 6922', 6927', 6929', 6935', 6937', 6943', 6950',
6953', 6957', 6967', 6984', 6994', 6996', 7006', 7008', 7010', 7012', 7014'.

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Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Tribal Cont. #47

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#1-JV-47

10. FIELD AND POOL, OR WILDCAT

Chacon Dakota

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

Section 12, T23N, R4W

12. COUNTY OR

PARISH
Rio Arriba

13. STATE

New Mexico

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

Chace Oil Company, Inc.

3. ADDRESS OF OPERATOR

313 Washington, SE, Albuquerque, NM 87108

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

Unit 'I' - 1850' FSL and 790' FEL

At top prod. interval reported below

At total depth

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12/23/81

16. DATE T.D. REACHED

1/5/82

17. DATE COMPL. (Ready to prod.)

11/14/82

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

7484' GR

19. ELEV. CASINGHEAD

7386'

20. TOTAL DEPTH, MD & TVD

7760'

21. PLUG, BACK T.D., MD & TVD

7715'

22. IF MULTIPLE COMPL.
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-7760'

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Dakota 'A': 7323'-7329'

Dakota 'B': 7386'-7392'

Dakota 'D': 7474'-7386'

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction - Density

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
8 5/8"	23#	263'	9 5/8"	SEE ATTACHED	
4 1/2"	11.6#	7753'	7 7/8"		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7466'	

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

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

DEPTH INTERVAL (MD)

SEE ATTACHED

AMOUNT AND KIND OF MATERIAL USED

JAN 28 1983

ON. DIV.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11/14/82		Pump				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/14/82	24	2"	→	13	10	5	769
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
85	160	→	13	10	5	43	

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

Used for fuel and vented

TEST WITNESSED BY

Andy Birdsell - Royce McCary

35. LIST OF ATTACHMENTS

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

ACCEPTED FOR RECORD

SIGNED

B. W. Miller

TITLE

President

DATE

JAN 24 1983

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

NMOCC

FARMINGTON

966

Cement Record

5/8" casing → 250 sxs Class "B", 3% calcium chloride.
CT → Surface

1/2" casing → 1st 750 sxs 50:50 poz w/ 2% cc, 6 1/4 # gilsonite/sx.
2nd 250 sxs Class "B" cement w/ 12% gel, 500 sx
Class "B" Cement.

CT → 600'

ACID, SHOT, FRACTURE, CEMENT SQUEEZE:

11/12/82: Spot 250 gal. 7 1/2% Hcl H₂O from 7486'-7103'.

Dakota formation: - 3,039 bbls. slurry
102,000# sand

Spot 250 gal 7 1/2% Hcl from 7014' to 6631'.

Tocito formation: 23,637# sand

Gallup formation: 1092 bbls. slurry
34,120# sand in formation

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CON. DIV.
R. 3

PERFORATIONS:

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6431', 6436', 6444', 6446', 6448', 6477', 6485', 6490'

Greenhorn: 7216', 7221', 7223', 7231', 7235', 7238', 7243', 7249'

Dakota "A": 7323', 7326', 7329'

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Dakota "B": 7386', 7388', 7390', 7392'

Tocito: 6907', 6911', 6914', 6920', 6922', 6927', 6929', 6935', 6937', 6943', 6950',
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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

Chace Oil Company, Inc.

3. ADDRESS OF OPERATOR

313 Washington, SE, Albuquerque, NM 87108

4. LOCATION OF WELL (Report location clearly and in accordance with well requirements)*

At surface Unit 'I' - 1850' FSL and 790' FSL

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FARMINGTON, N. M.

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Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Tribal Cont. #47

9. WELL NO.

#1-JV-47

10. FIELD AND POOL, OR WILDCAT Gallup

Chaco, Dakota Undesignated

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

Sec. 12, T23N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED 12/23/81 16. DATE T.D. REACHED 1/5/82 17. DATE COMPL. (Ready to prod.) 11/14/82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7484' GR 19. ELEV. CASINGHEAD 7386'

20. TOTAL DEPTH, MD & TVD 7760' 21. PLUG, BACK T.D., MD & TVD 7715' 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY 0-7760' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Gallup: 6318-6490' Greenhorn: 7216'- 7249' Tocito: 6907'-7014'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction - Density

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
8 5/8"	23#	263'	9 5/8"	SEE ATTACHED
4 1/2"	11.6#	7753'	7 7/8"	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7466'	

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHED	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2/17/82		Pump				Shut in	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
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FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
70	155	→	37	12	8	43	

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

Used for fuel and vented

TEST WITNESSED BY

Andy Birdsell - Royce McCary

35. LIST OF ATTACHMENTS

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

ACCEPTED FOR RECORD

SIGNED

B. W. Miller

TITLE

President

DATE

JAN 24 1983

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

NMOC

FARMINGTON

BY

46

Cement Record

3 5/8" casing → 250 sxs Class "B", 3% calcium chloride.
CT → Surface

1/2" casing → 1st 750 sxs 50:50 poz w/ 2% cc, 6 1/4 # gilsonite/sx.
2nd 250 sxs Class "B" cement w/ 12% gel, 500 sx
Class "B" cement.

CT → 600'

ACID, SHOT, FRACTURE, CEMENT SQUEEZE:

11/12/82: Spot 250 gal. 7 1/2% Hcl H₂O from 7486'-7103'.

Dakota formation: - 3,039 bbls. slurry
102,000# sand

Spot 250 gal 7 1/2% Hcl from 7014' to 6631'.

Tocito formation: 23,637# sand

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34,120# sand in formation

PERFORATIONS:

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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

Chace Oil Company, Inc.

3. ADDRESS OF OPERATOR

313 Washington, SE, Albuquerque, NM 87108

4. LOCATION OF WELL (Report location clearly and in accordance with U.S. State requirements*)

At surface Unit 'I' - 1850' FSL and 790' WELL

At top prod. interval reported below

At total depth

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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Gallup: 6318-6490' Greenhorn: 7216'- 7249' Tocito: 6907'-7014'

Yes

25. TYPE ELECTRIC AND OTHER LOGS RUN

Induction - Density

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
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SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
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DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHED	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				Well Status (Producing or Shut-in)	
2/17/82		Pump				St. 3 Shut in	
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SIGNED B. W. Miller TITLE PresidentDATE JAN 24 1983

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FARMINGTON

BY 48

BIA-DULCE

Cement Record

5/8" casing → 250 sxs Class "B", 3% calcium chloride.
CT → Surface

1/2" casing → 1st 750 sxs 50:50 poz w/ 2% cc, 6 1/4 # gilsonite/sx.
2nd 250 sxs Class "B" cement w/ 12% oil, 500 sx
Class "B" Cement.

CT → 600'

ACID, SHOT, FRACTURE, CEMENT SQUEEZE:

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Dakota 'A': 7323'-7329'

Dakota 'B': 7386'-7392'

Dakota 'D': 7474'-7386'

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction - Density

25. WAS DIRECTIONAL SURVEY MADE

Yes

27. WAS WELL CORED

No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
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DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHED	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11/14/82		Pump				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/14/82	24	2"	→	13	10	5	769
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (COER.)	
85	160	→	13	10	5	43	

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

Used for fuel and vented

TEST WITNESSED BY

Andy Birdsell - Royce McCary

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

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

SIGNED

B. W. Miller

TITLE

President

DATE

JAN 21 1983

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

NMOC

Cement Record

8 5/8" casing → 250 sxs Class "B", 3% calcium chloride.
CT → Surface

1 1/2" casing → 1st 750 sxs 50:50 poz w/ 2% cc, 6 1/4 # gilsonite/sx.
2nd 250 sxs Class "B" cement w/ 12% gel, 500 sx
Class "B" Cement.

CT → 600'

ACID, SHOT, FRACTURE, CEMENT SQUEEZE:

11/12/82: Spot 250 gal. 7 1/2% Hcl H₂O from 7486'-7103'.

Dakota formation: 3,039 bbls. slurry
102,000# sand

Spot 250 gal 7 1/2% Hcl from 7014' to 6631'.

Tocito formation: 23,637# sand

Gallup formation: 1092 bbls. slurry
34,120# sand in formation

RECEIVED

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ON. DIV.
3

PERFORATIONS:

Gallup: 6318', 6322', 6325', 6327', 6329', 6341', 6355', 6359', 6364', 6420', 6427',
6431', 6436', 6444', 6446', 6448', 6477', 6485', 6490'

Greenhorn: 7216', 7221', 7223', 7231', 7235', 7238', 7243', 7249'

Dakota "A": 7323', 7326', 7329'

Dakota "D": 7474', 7476', 7478', 7480', 7481', 7483', 7486'

Dakota "B": 7386', 7388', 7390', 7392'

Tocito: 6907', 6911', 6914', 6920', 6922', 6927', 6929', 6935', 6937', 6943', 6950',
6953', 6957', 6967', 6984', 6994', 6996', 7006', 7008', 7010', 7012', 7014'.