BY SMM

5. LEASE

UNITED STATES

UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	Tribal Contract #71
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
GEOLOGICAE SORVET	Jicarilla Apache
THE PERSON OF WELLS	7. UNIT AGREEMENT NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7, OHI NAMEE
(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.)	8. FARM OR LEASE NAME
reservoir. Use form 9-331-0 for Such proposals.)	
1. oil gas []	Jicarilla Tribal Contract #71
well Well other	9. WELL NO.
2. NAME OF OPERATOR	放射17
Chace Oil Company, Inc.	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	South Lindrith, Gallup-Dakota
313 Washington, SE, Albuquerque, NM 87108	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
below.) Unit 'D' - 635' FNL & 695' FWL	Section 3, T23N,R4W
AT SURFACE:	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	Rio Arriba New Mexico
AT TOTAL DEPTH:	14. API NO21 1 32 1
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	[[[[[[[[[[[[[[[[[[[
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB,-AND WD)
	7147' GL
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	7147 01
TEST WATER SHUT-OFF	그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그
FRACTURE TREAT	
SHOOT OR ACIDIZE	
REPAIR WELL	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
PULL OR ALTER CASING	change on Form 9-330.) # ### ### ###
MULTIPLE COMPLETE CHANGE ZONES	ည်းကို ရေးရှိနှို့မှု မြို့များ
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(15 an)	
OF COLUMN TO COLUMN THE COLUMN TO COLUMN THE COLUMN TO COLUMN THE	all notinent details and give Pertinent dates
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statistical including estimated date of starting any proposed work. If well is considered to the control of the cont	firectionally drilled, give subsurface locations and
measured and true vertical depths for all markers and zones pertine	nt to this work.)*
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See Well History attached, Day #4 through Da	y #/• and
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Subsurface Safety Valve: Manu. and Type	Ft.
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18. I hereby pertify that the foregoing is true and correct	현 기 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등
SIGNED . CO. Milley TITLE President	DATE
	<u> </u>
(This space for Federal or State of	ffice use)
APPROVED BY	
APPROVED BY TITLE TITLE	The state of the s
	VCOELLEATINGHE新聞
	Sibil Double Double Double Distribution
	3 1984 DON 0 5 1984
*See Instructions on Reverse	Side Side
	FARWINGTON RESOURCE AREA

NMOCC

5/26/84:

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Day #4. Present operation: Waiting on cement at 2643'. 24 hour footage: 224'. Drill collars: 21. Size: 6. Bore: 2½. Weight: 50,000#. Rotary - RPM: 65. Weight on bit: 10,000#. No drilling rate. Pump - Pressure: 1,000#. Strokes per minute: 58. No mud information. Deviation record: 4½° @ 2487' 4½° @ 2520'
```

Bit #3: 7 7/8", J22; 340', 11 3/4 hours 4½° @ 2612'

2 hours Surveys 5 1/4 hours Drilling

2 3/4 hours Waiting on orders

2 1/2 hours Trip out

2 hours Trip in with drill pipe and pick up 21 joints

1 hour Circulate and cement first plug

5 1/4 hours Pipe cemented in the hole. Backed off.

1 3/4 hours Set plug 1/2 hour Trip out

2 hours Waiting on cement

Left 26 joints in hole. Top of fish @ 1781'.

5/27/84:

Day #5. Present operation: reaming the hole. Depth today: 1161'. Weight: 50,000#. Rotary - RPM: 70. Weight on bit: 2,000#. Present drilling rate: varied. Pump - Pressure: 1,000#. Strokes per minute: 60. Mud - Vis 35. Wt.: 8.6.

Deviation record: 1½° @ 1020'.

1° 6 1131'.

Bit #4: 7 7/8", S44; 284', 2 1/4 hours. 20 hours Waiting on cement

2 1/2 hours Drilling 1/4 hour Surveys 1 1/2 hour Ream hole

5/28/84:

Day #6. Present operation: Reaming. Depth today: 1671'. 24 hour footage: 510'. Formation: cement. Drill collars - No: 21. Size: 6. Bore: 2½. Weight: 50,000#. Rotary - RPM: 90. Weight on bit: 2,000#. Present drilling rate: 45'/hr. Pump - liner size: 5½. Pressure: 1,000#. Strokes per minute: 58. Mud - Vis: 39. Wt.: 8.6. Mud additives: 64 gel, 7 soda ash, 16 starch, 12 thinner, 1 1/2 bicarb, 1 preservative, 7 bar.

Deviation record: 1° @ 1192'

1° @ 1215' 3/4° @ 1283' 1 1/4° @ 1315' 1 1/2° @ 1516' 1 1/2° @ 1622'

Bit #4: 7 7/8", S44; 406', 6 1/2 hours - Bit #5: 7 7/8", Al; 488', 6 1/4 hours.

5 hours Reaming hole
2 1/2 hours Surveys
1/4 hour Rig service
2 1/4 hours Survey and trip
1 1/2 hours Wash to 2nd plug

2 1/2 hours Circulate and condition mud

10 hours Reaming.

5/28/84:

Unable to drill past top of drill pipe at 1781'. Requested and received authority from Mr. Ken Townsend to plug present hole, skin rig 50', and commence new hole.

5/29/84:

Day #7. Present operation: rig down to skid rig.

1/4 hour Survey - (No information available)

1 3/4 hours Trip and pick up drill pipe

6 3/4 hours Reaming

2 1/4 hours Waiting on orders

3 1/2 hours Lay down drill pipe and drill collars

1/2 hour Circulate and rig up

1 1/2 hours Pump cement plugs - #1: 30 sks Class B neat - 170-270'

#2: 20 sks Class B neat - Surface to 60'.

7 1/2 hours Rig down to skid

5. LEASE

Tribal Contract #71

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
	Jicarilla Apache	
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME	
(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.)		
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1. oil gas other	Jicarilla Tribal Contract #71	
Well	9. WELL NO.	
2. NAME OF OPERATOR	10. FIELD OR WILDCAT NAME	
Chace Oil Company, Inc.	South Lindrith, Gallup-Dakota	
3. ADDRESS OF OPERATOR 313 Washington, SE, Albuquerque, NM 87108	11. SEC., T., R., M., OR BLK. AND SURVEY OR	
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA	
	Section 3, T23N,R4W	
AT SURFACE: UNITE D = 633 FINE & 693 FINE	12. COUNTY OR PARISH 13. STATE	
AT TOP PROD. INTERVAL:	Rio Arriba New Mexico	
AT TOTAL DEPTH:	14. API NO.	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	TE ELEVATIONS (CHOW DE KOR AND WD)	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)	
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	7147' GL	
TEST WATER SHUT-OFF	EIVED	
SHOOT OR ACIDIZE	O 4 1984 (NOTE: Report results of multiple completion or zone	
REPAIR WELL PULL OR ALTER CASING BUREAU OF LA	(NOTE: Report results of multiple completion or zone	
MULTIPLE COMPLETE FARMINGTON	9079000 0 1	
CHANGE ZONES		
ABANDON* LJ Cother) Spud		
(Offici) I		
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 pertine	nt to this work.)*	
	동원들으환 - 등 증류한원 -	
a an a training Desiration Company win	#11 on	
Spudded with Arapahoe Drilling Company rig #11 on May 22, 1984 at 3:00 P. M. Ran 5 joints of 8 5/8"		
24# J-55 - total of 207', set at 221' KB.	Cemented #0000	
with 170 sks (200 CF) Class B neat, 1/4 lb	/sk Flocele,	
3% calcium chloride. Circulated 6 barrels	to surface.	
Plug down at 8:30 P. M.		
JUN 0 7	1984 - 불호한지도 성능 중심하는 -	
	r mwy Sightle De Beck	
Subsurface Safety Valve: Manu. and Type		
18. I hereby certify that the foregoing is true and correct		
SIGNED . C. Milley TITLE President	_{DATE} May 23, 1984	
(This space for Federal or State office use)		
TITLE	一直 一	
APPROVED BY TITLE DATE TOTAL CONDITIONS OF APPROVAL, IF ANY:		
	ACCEPTED FOR RECORD	
	side JUN 0 5 1984	
*See Instructions on Reverse	sage CONTOCO	

*See Instructions on Reverse Side

FARWINGTON RESOURCE AREA 5mm

CHACE OIL COMPANY, INC.



313 Washington S.E.

Albuquerque, New Mexico 87108

(505) 266-5562

WELL HISTORY

NAME:

Chace Oil Company, Inc.

Jicarilla Apache 71-17

LOCATION:

Unit 'D' - 635' FNL & 695' FWL

Section 3, T23N, R4W

Rio Arriba County, New Mexico

ELEVATION:

7147' GL

ESTIMATED FORMATION TOPS:

2445' Ojo Pictured Cliffs 2920' 3270' Chacra Cliff House 4425' Point Lookout 5005' Gallup 5750' Tocito 6750' 7045' Greenhorn Dakota 'A' . 7130' Dakota 'D' 7255' Burro Canyon 7355'

PROPOSED DEPTH:

7460'

1/12/83:

APD submitted.

<u>5/23/83</u>:

APD approved.

3/30/84:

Approval of APD extended to 11/23/84.

5/8/84:

Road and pad construction commenced.

5/22/84:

Spudded with Arapahoe Drilling Company rig #11 at 3:00 P. M. Ran 5 joints of 8 5/8" 24# J-55 casing - total of 207', set at 221' KB. Cemented with 170 sks (200 CF) of Class B neat, 1/4 lb/sk Flocele, 3% calcium chloride. Circulated 6 barrels to surface. Plug down at 8:30 P. M.