# UN' D STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

COLUMN TITLE INTERIOR	Jicarilla Tribal Contract #71		
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.)			
reservoir, Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME		
1. oil gas gas gaber	Jicarilla Contract #71		
well well other	9. WELL NO.		
2. NAME OF OPERATOR	10 39		
Chace Oil Company, Inc.	10. FIELD OR WILDCAT NAME		
3. ADDRESS OF OPERATOR	South Tandard Con The		
313 Washington, SE, Albuquerque, NM 87108	South Lindrith Gallup Dakota		
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA		
Delow I	2		
AT SURFACE: Unit 'O' - 660' FSL & 1980' FEL	Section 9, T23N,R4W		
AT TOP PROD. INTERVAL:	Rio Arriba New Mexico		
AT TOTAL DEPTH:	Rio Arriba New Mexico 14. API NO.		
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	물이 되고 그 그 가지 뭐		
REPORT, OR OTHER DATA			
	15. ELEVATIONS (SHOW DF, KDB, AND WD)		
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	7101' GR \$055 FAR		
TEST WATER SHUT-OFF	ବ୍ୟର୍ଷ ଓ କୁନ୍ଦିର		
FRACTURE TREAT			
	VED WEST BEETS		
PULL OR ALTER CASING	(NOTE: Report results of multiple completion or rope		
MULTIPLE COMPLETE	change on Form 9-330.)		
CHANGE ZONES	1977 - 19 1 - 슬루(Harris Bring Na Bangaran)		
ABANDON*  (other)	ADVAGENCENT		
(other)	PROF AREA		
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is dir measured and true vertical depths for all markers and zones pertinent See Well History attached, Day #1 through Day #	to this work.)*		
REGET	The model of gardine of the problem in the problem is the set of the problem in t		
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_	Section 4 may 10 miles and 10 m		
OL CONTRA			
	6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
Subsurface Safety Valve: Manu. and Type			
18. I hereby oscilly that the foregoing is true and correct			
	DATE DATE		
SIGNED TITLE President	그 모습은 보고 한 기계		
	DATE THE THE WILL HERE TO 10/26/84		
(This space for Federal or State office	DATE		
(This space for Federal or State office	DATE		
APPROVED BY	DATE DESCRIPTION ACCEPTED SON RECORD ACCEPTED ACCEPTED SON RECORD ACCEPTED ACCE		
APPROVED BY TITLE TOTALE	DATE TO SERVICE TO		
APPROVED BY	DATE DATE DO BOR RECORD SHEET OF ACCEPTED FOR RECORD SHEET OF SHEE		

OPERATOR

FARMING ON RESOURCE AREA

### 10/23/84:

Day #1. Present operation: circulating and work on #1 drawworks motor. Depth today: 45'. Formation: surface. Pump - liner size: 5. Pressure: 1,000#. Strokes per minute: 60. Spud mud. Mud additives: 25 gel, 1 lime. No deviation record. Bit #1: 12 1/4", OSC3G; 45', 1 hour.

17 hours Move and rig up

1 hour Drill rat and mousehole

1 hour Drill surface

5 hours Circulate and work on #1 motor. Light snow.

### 10/24/84:

Day #2. Present operation: drilling. Depth today: 265'. 24 hour footage: 220'. Formation: sand and shale. Drill collars - No: 7. Size: 6. Bore: 21. Weight: 12,000#. Rotary - RPM: 70. Weight on bit: all. Present drilling rate: 90'/hr. Pump - liner size: 5. Pressure: 1,100#. Strokes per minute: 60. Drilling with water. No additives. Deviation record: 1/2° @ 226'. Bit #1: 12 1/4, OSC3G; 226', 4 1/2 hours. Bit #2: 7 7/8", J22 rerun; 39', 1/2 hour.

4 3/4 hours Work on #1 motor 3 1/2 hour Drilling surface 1 3/4 hours Trip. Run casing

1 1/2 hours Cementing

12 hours WOC 1/2 hour Drilling

### 10/25/84:

Day #3. Present operation: drilling. Depth today: 1470'. 24 hour footage: 1205'. Formation: sand and shale. Drill collars - No: 21. Size: 6. Bore: 21. Weight: 48,000#. Rotary - RPM: 70. Weight on bit: 10,000-20,000#. Present drilling rate: 70'/hr. Pump - liner size: 5. Pressure: 1,100#. Strokes per minute: 60. Drilling with water. Mud additives: 15 gel, 6 LCM, 8 bnex. Deviation record: 1/4° @ 759'. 1/2° @ 1253'. 1/2° @ 1439'. Bit #2: 7 7/8, J22; 1213', 20 hours. Bit #3: 7 7/8", CJ2; 30', 1/2 hour.

20 hours Drilling 1/2 hour Survey 1/4 hour RS. BOP 3 1/4 hours Trip for bit

### 10/26/84:

Day #4. Present operation: drilling. Depth today: 2550'. 24 hour footage: 1080'. Formation: sand and shale. Drill Collars - No: 21. Size: 6. Bore: 21. Weight: 48,000#. Rotary - RPM: 70. Weight on bit: 35,000#. Present drilling rate: 50'/hr. Pump-liner size: 5. Pressure: 1,100#. Strokes per minute: 60. Mud - Vis: 36. Wt.: 8.8. W. L.: 6.0. Mud additives: 55 gel, 15 starch, 2 soda ash, 2 thinner, 1 preservative, 1 caustic soda, 5 bnex, 30 barrels of oil. Deviation record: 1° @ 1961'; 1 1/4° @ 2454'. Bit #3: 7 7/8", CJ2; 1111', 19 1/2 hours. 1/4 hour RS. BOP

3/4 hours Survey 1/4 hour Circulating

1 1/2 hour Rig repair - Replace valve on 250

21 3/4 hours Drilling

## DEP

	Budget Bureau No. 42-R1		
UN' O STATES	5. I E		
ARTMENT OF THE INTERIOR	Jicarilla Tribal Contract #71  6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
GEOLOGICAL SURVEY			
	Jicarilla Apache		
TICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME		
or proposals to drill or to deepen or plug back to a different 81–C for such proposals.)			
	8. FARM OR LEASE NAME		

	Jicarilla Apache	<u>.</u>
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different	7. UNIT AGREEMENT NAME	•
reservoir, Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME	
1. oil gas other	Jicarilla Contract #71	
	9. WELL NO.	100
2. NAME OF OPERATOR	<u>71–39</u>	•.
Chace Oil Company, Inc.	10. FIELD OR WILDCAT NAME	<u>.</u>
3. ADDRESS OF OPERATOR	South Lindrith-Gallup Da	akota
313 Washington, SE, Albuquerque, NM 87108	11. SEC., T., R., M., OR BLK. AND	
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA = 3	± 44.5
below.)	Section 9, T23N,R4W	亲 医克尔二
AT SURFACE: Unit 'O' - 660' FSL & 1980' FEL	12. COUNTY OR PARISH 13. STA	TE-
AT TOP PROD. INTERVAL:	1 · · · · · · · · · · · · · · · · ·	lexico
AT TOTAL DEPTH:	14. API NO =	7 1 2 3
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	Fait a	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDE	AND WD)
DECUEST FOR ADDROVAL TO	7101' GR 출하를	. <u> </u>
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	ي تايا	<u> </u>
TEST WATER SHUT-OFF [		동토하신
FRACTURE TREAT		
REPAIR WELL H H F C E I	(NOTE: Report results of multiple comp	<u> </u>
PULL OR ALTER CASING	(NOTE: Report results of multiple comp change on Form 9–330.)	oletion or zone
MULTIPLE COMPLETE     NOV 1	1984	
CHANGE ZONES	SELE E	F 5 5 5
ABANDON* BUREAU OF LAND	MANAGEMENT	<b>基</b> 要デス
(other)	က အားသားမှုများ ည	4 - 5 =

٤ 5 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.)\* ocations of the property of th HERE OF LUTHE

See Well History attached, Day #5 through Day #8.

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ify that the foregoing is true and correct

Subsurface Safety Valver Manu. and Type

B

101611

10/30/84

16.1

space for Federal or State office use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

1001 Table C 10.1 =

\*See Instructions on Reverse Side

NOV 1 5 1984

**OPERATOR** 

FARMINGTON	KESUUKUE	AKEA
v 5m	<u>~~</u>	

### 10/27/84:

Day #5. Present operation: drilling. Depth today: 3503'. 24 hour footage: 953'. Formation: sand and shale. Drill collars - No: 21. Size: 6. Bore: 21. Weight: 48,000#. Rotary - RPM: 65. Weight on bit: 35,000#. Present drilling rate: 33'/hr. Pump - Liner size: 5. Pressure: 1,100#. Strokes per minute: 64. Mud - Vis: 35. Wt.: 9.0. W. L.: 7.0. No additive information given. Deviation record: 1 1/4° @ 3039'. Bit #3: 7 7/8", CJ2; 2064', 42 3/4 hours.

1/4 hour RS. Check BOP

1/2 hour Survey 23 1/4 hours Drilling

### 10/28/84:

Day #6. Present operation: drilling. Depth today: 4078'. 24 hour footage: 575'. Formation: sand and shale. Drill collars - No: 21. Size: 6. Bore:  $2\frac{1}{4}$ . Weight: 48,000#. Rotary - RPM: 65. Weight on bit: 35,000#. Present drilling rate: 25'/hr. Pump - liner size: 5. Pressure: 1,100#. Strokes per minute: 60. Mud - Vis: 34. Wt.: 9.0. W. L.: 7.0. No additives information given. Deviation record: 1 3/4° @ 3595'; 1 3/4° @ 3844'. Bit #3: 7 7/8", CJ2; 2405', 52 3/4 hours; Bit #4: 7 7/8", V527; 234', 8 1/4 hours.

1/2 hour RS. Check BOP. Survey

5 1/4 hours Survey. Trip. Wash 125'. Work through junk.

19 1/4 hours Drilling

#### 10/29/84:

Day #7. Present operation: drilling. Depth today: 4739'. 24 hour footage: 661'. Formation: sand and shale. Drill Collars - No: 21. Size: 6. Bore:  $2\frac{1}{4}$ . Weight: 48,000#. Rotary - RPM: 65. Weight on bit: 35,000#. Present drilling rate: 30'/hr. Pump - liner size: 5. Pressure: 1,000#. Strokes per minute: 60. Mud - Vis: 35. Wt.: 9.0. W. L.: 8.0. Mud additives: 56 gel, 2 soda ash, 3 thinner, 1 caustic, 1 preservative, 2 starch, 40 barrels of oil. Deviation record: 1 1/2° @ 4369'. Bit #4: 7 7/8", V527; 895', 31 1/2 hours.

1/4 hour RS. BOP. 1/2 hour Survey 23 1/4 hour Drilling

### 10/30/84:

Day #8. Present operation: drilling. Depth today: 5320'. 24 hour footage: 581'. Formation: sand and shale. Drill Collars - No: 21. Size: 6. Bore: 21. Weight: 48,000#. Rotary - RPM: 65. Weight on bit: 35,000#. Present drilling rate: 23'/hr. Pump - liner size: 5. Pressure: 1,100#. Strokes per minute: 60. Mud - Vis: 36. Wt: 9.1. W. L.: 8.0. Mud additives: 69 gel, 2 soda ash, 1 caustic soda, 1 preservative, 3 thinner, 20 bbls. oil. Deviation record: 1 1/2° @ 4800'. Bit #4: 7 7/8", V527; 1476', 55 hours. 1/2 hour RS. Survey.

23 1/2 hours Drilling