1. oil

## UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS (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.)

1 9–331 . 1973	Form Approved.
UNITED STATES	5. LEASE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
DEPARTMENT OF THE INTERIOR	1 _ 一
	Contract #71
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	Jicarilla
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME:
not use this form for proposals to drill or to deepen or plug back to a different voir. Use Form 9–331C for such proposals.)	सिक्ति है ति है है
voir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME = -a &
oil ou gas	Jicarilla Tribal Cont. 371
well 🔯 well other	9. WELL NO
NAME OF OPERATOR	71-9
Chace Oil Company, Inc.	10. FIELD OR WILDCAT NAME
ADDRESS OF OPERATOR	1
	S. Lindrith Gallup Dakota
313 Washington, SE, Albuquerque, NM 87108	11. SEC., T., R., M., OR BLK. AND SURVEY OR
LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	# C # = E E_Q = 1
below.) AT SURFACE: Unit "A" 550' FNL & 330' FEL	Sec. 10, T23N, R4W = 125
AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH 13. STATE
AT TOTAL DEPTH:	Rio Arriba New Mexico
	14. API NO. = == == 0 == 0
CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	The ball the
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DE, KDB, AND WD)
	1 /406 GL ~₹/420 KB ≓△°°
UEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	<u> </u>
T WATER SHUT-OFF \[ \bigcap \]	o top of such spirit
CTURE TREAT	to top
OT OR ACIDIZE	100 Ho
AIR WELL	GOMOTE: Report results of multiple completion or zone change on Form 9-330.)5
	change on Form 9-330.)5
TIPLE COMPLETE	change on Form 9-330.) is the burgeous section of burgeous section of burgeous section of burgeous sections of bur
NGE ZONES Use a consideration of the constant	TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR
	terado lie appose to mun ent de la cicidant ent de la cicidant en dela cicidant en de la cicidant en d
er)	cuterago liew a superson but the business to be defined and business to be for the business to be business to be business to business to be business to business to be busi
rogress Report	
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is d	e all pertinent details, and give pertinent dates,
measured and true vertical depths for all markers and zones pertiner	if to this work.)*
, and an analysis and a second pertinor	
	# T E D
	to a sure of the s
See well history attached. Through Da	
	of characters of
	en de
	t of elicospot and provided to a lice of all provided to the unit approved to the total and the tota
•	

2. NAME OF OPERATOR	71-9
Chace Oil Company, Inc.	10. FIELD OR WILDCAT NAME EE
3. ADDRESS OF OPERATOR	S. 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 ERECT
below.)	Sec. 10, T23N,R4W E 555 N
AT SURFACE: Unit "A" 550' FNL & 330' FEL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	Rio Arriba New Mexico
	14. API NO. 428 2 0520
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE	Handler bases of the state of t
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DE, KDB, AND WD)
	7406 GL \$ 7420 KB = 600
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	3000
TEST WATER SHUT-OFF	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
FRACTURE TREAT	to too
SHOOT OR ACIDIZE	
PULL OR ALTER CASING THE SEP CL	Charge on Form 9-330 15 15 15 15 15 15 15 15 15 15 15 15 15
MULTIPLE COMPLETE	- 18 1 J - 11 J - 3 3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	프로마스 발표 발표 보고 기를 보고 있다.
	essequile sequile sequ
ADAMPON	
(other)	icilouttell idesquals to be on the number of the number of the one foot of the number
Progress Report	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly sta	te all pertinent details and give postionat dates

Subsurface Safety Valve: Manu. and Type 18. I hereby extify that the for going is true and correct

President DATE

the dispection of the control of the strees, ether are shown below casesty special instructions of the street of the strong to וופ ווכ וופ ווכ 8/30/82

(This space for Federal or State office use)

APPROVED BY TITLE \_ CONDITIONS OF APPROVAL, IF ANY:

DATE

1510 168

\*See Instructions on Reverse Side

SEP 02 1982

# CHACE OIL COMPANY, INC.



313 Washington S.E.

Albuquerque, New Mexico 87108

(505) 266-5562

#### WELL HISTORY

NAME OF WELL:

Jicarilla Apache 71-9

LOCATION:

Unit "A" - 550' FNL and 330' FEL

Section 10, T23N, R4W

Rio Arriba County, New Mexico

PROJECTED DEPTH:

7655'

ELEVATION:

7406' GL

**ESTIMATED** 

FORMATION TOPS:

0jo	2650 <b>'</b>
Pictured Cliffs	3130'
Chacra	3 <b>490'</b>
Cliff House	4705'
Point Lookout	5215 <b>'</b>
Gallup	6330'
Greenhorn	7235 <b>'</b>
Dakota "A"	7375'
Dakota "D"	7505'
Burro Canyon	7600'

3-30-82:

APD submitted.

6-16-82:

APD approved.

8-6-82:

Road and pad construction commenced.

8-24-82:

Moved in and rigged up Arapahoe Drilling Company. Spudded at 4:00 P. M. on August 24, 1982. Ran 5 joints of 8 5/8" 23# K-55 casing. 201' set at 214'. Woodco cemented with 240 sxs\*Class B cement, with ½# Flocele, 3% Kcl per sack. Circulated 5 barrels of cement to surface. Plugged down at 7:45 P. M. on August 24, 1982.

\* 432 CF

#### 8-25-82:

Day #1. Operation: WOC. Nipple up. Depth today: 213'. Surface.



Rotary RPM 70. Weight on bit: 15,000#. Present drilling rate: 0. Pump - Liner size: 5½. Pressure: 800#. 60 strokes per minute. Spud mud. Mud additives: 25 gel, 1 lime. Deviation record: 1/2 degree at 213'. Bit #1, 12½, OSC-3. 213', 2 hours. Rig idle 8 hours Rig down. Move. Rig up. 1 hour Drill rat and mousehole. 2 hours Drill surface 1/4 hour Circulate 1/2 hour Survey. Trip out. 1/2 hour Run 8 5/8" casing. 1/2 hour Cement with Woodco. 10 1/4 hours WOC. Nipple up.

## 8-26-82:

1 3/4 hours WOC. Nipple up.
1/4 hours Drill plug and cement.
1/4 hours RS. BOP.
3/4 hours Surveys
21 hours Drilling

### 8-27-82:

Day #3. Present operation: drilling. Depth today: 3055'. 24 hour footage 1202'. Formation: sand and shale. Rotary RPM:65. Weight on bit: 35,000#. Present drilling rate: 45' per hour. Pump - Liner size: 5½. Pressure: 1,000#. 56 strokes per minute. Mud vis: 34. Wt.: 8.8. W. L.: 7.6. Mud additives: 5 thinner, 9 bnex, 1 caustic soda, 5 preservatives, 6 starch, 2 1/2 soda ash, 20 bbls. oil. Deviation record: 1 3/4 degree @ 2004; 1 1/2 degrees @ 2500'; and 1 1/2 degrees at 3024'. Bit #2, 7 7/8, J22. 1791', 23½ hours. Bit #3, 7 7/8, F2. 1051', 18 1/4 hours. 2 1/2 hours - Trip - Surveys 1 hour - RS 20 1/2 hours - Drilling

## 8-28-82:

Day #4. Present operation: drilling. Depth teday: 3830'. 24 hour footage is 775'. Formation: sand and shale. Rotary RPM: 65. Weight on bit: 35,000#. Present drilling rate: 35' per hour. Pump - liner size: 5 1/2". Pressure: 1,000#. 58 strokes per minute. Mud vis: 42. Wt.: 9.0. W. L.: 8.0. Mud additives: 30 LCM, 4 thinner, 3 soda ash, 6 starch, 6 bnex, 1 caustic soda, 1 preservative, 41 gel, 30 bbls. oil. Deviation record: 1 1/2 degrees at 3644'. Bit #3, 7 7/8", F-2. 1640', 30 hours. Bit #4, 7 7/8", F-2, 186', 5 1/2 hours.

4 1/2 hours - trip for bit. 2 hours - Pull 5 stds. Circ. to build volume. 17 1/4 hours - drilling.