£70

5. LEASE

Jicarilla

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	Jicarilla Apache
THE PROPERTY AND DEPONTS ON WELLS	7. UNIT AGREEMENT NAME
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.)	8. FARM OR LEASE NAME
reservoir, Use Form 9-331-C for such proposass,	
1. oil gas	Jicarilla 70
well X well other	9. WELL NO. 및 출시 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등
2. NAME OF OPERATOR	10-5 = 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Chace Oil Company, Inc.	10. FIELD OR WIỆDCATENAME. 그 현연중
3. ADDRESS OF OPERATOR	S. Lindrith Gallup Dakota
313 Washington, SE, Albuquerque, NM 87108	11. SEC., T., R., M., OR BLK. AND SURVEY OR
313 Washington, SE, Ambaquerque, 117	AREA BEER & SECTION
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	Sec. 27, T24N, R4W
below.) Unit "C" 790' NL & 1850' WL	12. COUNTY OR PARISH 13 STATE
AT SURFACE:	Rio Arriba Se New Mexico
AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	
	[14: AFI NO: 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	37 337 ======
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DE KDB, AND WD)
	7007' GR (\$ 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	VED POTENTIAL SERVICES
TEST WATER SHUT-OFF TERACTURE TREAT	
FRACTURE TREAT	t but the blue the bl
SHOOT OR ACIDIZE	1900 TE: Report results of multiple completion or zone
	change one Form 9-330.)
PULL OR ALTER CASING U	Change of Grown 2000/2 Of 125 2
MULTIPLE COMPLETE CHANGE ZONES U. S. GEOLOGIC U. S. GEOLOGIC	AL SURVEY " 표현실표 및 규모병호 및
CHANGE ZONES U. S. GEOLUGIC ABANDON* U. S. GEOLUGIC FARMINGTO	CH.M. ESSE
The state of the s	
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(other)	
Progress Report	to all pertinent details and give pertinent dates.
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WORKOVER JICARILLA 70-5:

9-24-82:

GIHW tubing. Packer set @ 6500'.

Spartan rigged up. Tested tubing. Could not find hole in tubing. COHWT. 6:00 P. M. WO Bluejet. 8:45 P. M. Bluejet arrived. Rig up to run correlation log. 10:50 P. M. GIH to perforate Dakota "A" and "D". (fluid level 2900' going in hole). (fluid level 2900' coming out) 3 misfires on 3 top perfs. 11:45 P. M. GBIH to perforate. 3 misfires. (fluid level 3060' going in hole.) COH with perforating gun. GIHWT and packer. Packer set @ 6506'. 9-25-82: 4:50 A. M. Prepare to frac. 14 BPM 3100# 19 BPM 3850# 20 BPM 4000# Pumped in 200 bbl. Dropped 30 balls. 18 BPM 4000#. Dropped l ball every 5 bbls. after 315 bbls. fluid. Almost complete ball off. 600 bbls injected. ISIP 2400#. 15 min: 2250# Flowed well back - Good volume of water. Cut with gas and oil. Killed well after 1.5 hours. COHWT and packer. GIHWJB. Tagged bottom @ 7345'. Recovered 41 balls. GIHW retrievable plug. Failed to set. COHW retrievable plug. Fixed electrical circuit. GIHW plug. Plug set @ 6950'. Spotted 350 gal. 73% Hcl and sd to cover bridge plug. GIHWT. COOHWT. GIHW perforating gun. Perforate Gallup. 5:30 P. M. GIHWT and packer. Set packer @ 5863'. 7:40 P. M. Rig up to frac Gallup. Broke @ 3600# 20 BPM Broke to 3000# 20 BPM 3400# 22 BPM Ball off @ 355 bbls. ISIP 600#. Surged. Then pumped in balance of fluid to 400#. ISIP 800# Bleed down COHWT and packer. GIHWJB. Recovered 100 balls. GIHW perforating gun. First run in Tocito. GIHW perforating gun. Second run in Tocito.

9-26-82:

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2:15 A. M. Prepare to frac Tocito.
 3900# 15 BPM
 3800#
         15 BPM
 3700#
         15 BPM. Started balls 30 bbls. in.
 Ball off 4200#. Total: 460 bbls.
 Release packer. Knock off balls. Reset packer @ 6506'.
 4:00 A. M. Start frac.
 Spearhead with 33 bbls. Hcl.
  3 BPM @ 2250#
 ISIP 1800#
 9 BPM @ 3900#
 10 BPM @ 3800#
 ISIP 1900#
 Shut down to let acid work.
 Start up again.
 13 BPM @ 3900#.
14 BPM @ 3700#.
15 BPM @ 3700#.
 17 BPM @ 4000#.
                      119 Bbls. pad.
Start 1/2 1b. sd.
3800#
           17 BPM
                      sd. on fm.
3850#
           17 BPM
                      119 bbls.
Start 3/4 lb sd.
3800#
          17 BPM
                      on fm.
3850#
          17 BPM
                      Total: 390 bbls.
3900#
          17 BPM
                      Total: 410 bbls.
          17 BPM
4000#
                      Total: 425 bbls.
Cut back:
3800#
          15 BPM
                      Total: 540 bbls.
3800#
        13.5 BPM
                      Total: 650 bbls.
Few small breaks:
3900#
          15 BPM
                      Total: 800 bbls.
Start flush:
              815 bbls.
Total fluid:
              874 bbls.
ISIP: 2100#
SI @ 5:15 A. M. for 3 hours.
8:15 A. M. Started to bleed down. After flowing water for about 30
minutes, well started to flow small amount of gas. Flowed sd, water
until 1:00 P. M. Cleared up. Flowed 30 min. COHWT and packer.
Tubing set @ 7325'.
SI
     50# casing.
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