5. LEASE

# UNITED STATES DEPARTMENT OF THE INTERIOR GFOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR	Jicarikla #4/
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
dedicate solver	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 全 单选项
1 -11	Jicarilla Tribal Cont. #47
1. oil gas other	
	9. WELL NO.
2. NAME OF OPERATOR	#2 JV-47 @ 5 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Chace Oil Company, Inc	10. FIELD OR WILDCAT NAME # 37
3. ADDRESS OF OPERATOR	Me. Chiffs - S. Lindrith - Gallup Dak.
313 Washington, SE, Albuquerque, NM 87108	11. SEC., T., R., M., OR BLK. AND SURVEY OR
	AREA 5 4 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	┃ : : : : : : : : : : : : : : : : : : :
below.) Unit "D" - 790' FNL & 790' FWL	Sec. 11, T23N, R4W
AT SURFACE:	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.	1
REPORT, OR OTHER DATA	JE SLEWATIONS (OHOW DE KOR AND WE)
Record, on other oran	15. ELEVATIONS (SHOW DF, KDB, AND WD)
DECLIERT FOR APPROVAL TO: CURRECULENT DECORT OF	7303' GR 30 = 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	erita di Salanda di Sa
TEST WATER SHUT-OFF 📙 📙	그 그 그 그 그 그 중하상을 그 없는 항육수를 그 그 그 그 그 그
FRACTURE TREAT	
SHOOT OR ACIDIZE	
REPAIR WELL	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING	change on Form 9-330.)-
MULTIPLE COMPLETE	요하님들은 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그
CHANGE ZONES	
ABANDON*	
(other)	그 그 그는 그는 사람들이 그를 가는 하다고 있는 것 같습니다.
Progress Report X	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stat	e all pertinent details, and give pertinent dates,
including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner	nt to this work )*
measured and trac vertical departs for an markers and zones pertiner	
Well History Day #14 through July 22, 1982.	and the second of the second o
Well history bay fit through bury 22, 1902.	
(AFA)	
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3 %	
	학실시하회 교육 인병영향
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
	တည် ရိုည်းသို့ မှ စစ်မျှိမှ ကြ
18. I hereby certify that the foregoing is true and correct	କୁର୍ବର ଓ ଜାଣି ବ୍ୟକ୍ତିଶ
Aille President	7,000 5
SIGNED TITLE President	DATE August 4, 1982
(This space for Federal or State of	fice use)
tims space for rederal or State of	
APPROVED BY TITLE	DATE PROPERTY OF A STATE OF A STA
CONDITIONS OF APPROVAL, IF ANY:	BARGE Ha Bara
	하고 외원도 하철 (界層電影)
	ga jaduletiogte engond

\*See Instructions on Reverse Side

725 a 1 to 1982



July 9, 1982

Day #14. Present operation: cementing first stage.
Depth: 7560 TD.
7 hours - Trips
5 1/4 hours - Logging
4 3/4 hours - Lay down drill pipe and drill collars
5 1/4 hours - Run 4 1/2" casing.

3/4 hr. -Circulate 1 hour - cement first stage.

Ran 188 jts. of 4½" 11.6# casing. Plus 21' short jt. Shoe at 7560'. Short Joint 40.18. Float Collar at 7520'. D. V. Tool at 3203'. Cement baskets at 7116', 6795', 6152', 2799', and 2558'. Short joint at 6132 to 6153'. Circulated the hole 1/2 hour. Pumped 1,000 gals. mud flush. Cemented with 730 sxs of 50/50 posmix, with 2% gel, 6 1/4# Gilsonite, and 6# salt per sack. Plugged down at 6:20 A. M. on July 9, 1982.

Opened D. V. Tool, and circulated 3 hours. Second stage: Pumped 1,000 gallons mud flush. Cemented with 405 sxs 65/35 posmix, 12% gel, 6 1/4# Gilsonite per sack. Plugged down at 10:30 A. M. July 9, 1982. Circulated approximately 30 barrels of cement to surface.

(SEE NEXT PAGE)

### 7-19-82:

Spartan rig moved in, rigged up, and drilled out D. V. Tool at 3203. Cleaned out hole to float collar. 8:30 P. M. - Nowsco rigged up. Waited on acid truck. 9:00 P.M. - Tested csg. to 4000# through tubing. 9:45 P. M. - Acid truck arrived. Rigged up. Spotted 250 gal. acidic 7½% from 7520 up. 10:30 - COHWT.

### 7-20-82:

12:00 A. M. - Ran correlation and bond log. Also ran spectrum log. Went in hole to perf. Dakota "D" zone @ 7423, 7425, 7428, 7430, 7432, 7435, 7438, 7440, 7442, 7444, and 7447, 4 SPF. Three shots misfired. Went back in and shot; shots ok. 6:45 A. M. Broke down Dakota "D" @ 2500#. 35 BPM. Balled off. Tot. 190 bbls. Start frac @ 8:10 A. M. 400# at surface. Established rate of 35 BPM -3100#. Achieved pad of 404 bbls. Started %# sd @ 8:20 A. M. Achieved ½# sd at 8:25 A. M. 119 bbls. Rate ±35 BPM @ 3250#. Started 1# sd @ 8:25 A. M. Achieved 1# sd @ 8:30 A. M. 125 bbls. Rate 33 BPM @ ±3300#. Started 1½# sd @ 8:30 A. M. Pressure @ 3600#, w/540 bbls. 1½# sd in @ 8:45 A. M. Decr. rate to ±26 BPM. Press. @ 3300#. Press. @ ±3000# @ 8:55 A. M.. Rate @ 26 BPM. Press. @ 3150# @ 9:10 A. M. Rate @ 26 BPM. Start 2# sd @ 2020 bbls. (cum) at rate ± 35 bbls. @ 9:17 A. M. Start flush @ 2055 bbls. (cum) @ 9:19 A. M. Press. 2900#. Rate 26 BPM. Complete flush @ 9:23 A. M. Cum. bbls. 2186. ISIP @ 1600#.
Total sd 97,000#. Set BP @ 7331'. Tested csg. to 4000#. Went in hole with tubing, spotted acid; COOH w/tubing. Went in hole @ 3:00 P. M. Perf. Dakota "A": 7266, 7268, (New pf. Changed from 7271 because of collar), 7269, 7273, 7275, 7277, 7279, 7281, 4 SPF. 32 holes. Broke down formation at 3:40 P. M. Broke at 2600#. Rate up to 32 bbls/min. GIWJB. Pick up balls. 160 bbls. - Start frac @ Balled off 4000#. 1000# at start. 2500# - 36.6 bbl./min, pad 310 bbls. 5:00 P. M. ½ 1b sd. - 32.3 @ 2460# 120 bbls. i lb sd. - 35.1 @ 2600# 124 bbls. 1½ 1b sd - 34.4 @ 2800# 30.1 @ 2560# 29.8 @ 2900#

908 bbls, including sd

Flush with 133 bbls. Max. press. 3540# - ISIP 2600#.
7:10 P. M. - Set BP @ 6490. During press. test to 4000#, split casing.
Looked for hole. Poss. @ 3100-3300. Called Halliburton.

### 7-21-82

Located hole in csg. @ 1408. Collars @ 1385 and 1425. Squeezed with 250 sxs. 700# on plug. Set 24 hours.

## 7-22-82:

8:00 P. M. - Drilled out cement. Tested to 2000#. Perfed the Gallup at 6190, 6206, 6212, 6226, 6230, 6240, 6247, 6249, 6253, 6258, 6261, 6281, 6284, 6290, 6293, 6297, 6302, 6348, 6349, 6402, 6408, 6416 - 4 SPF.

GIHW 3½" tubing with Halliburton packer. 139 joints 3½" tubing. Pkr. set at 4479. 9:45 P. M. (4474 tubing) (16 joints bad) Prepare to break down at 10:00 P. M. 3320 @ 25.3. 500# ISIP. Dropped 64 balls. ISIP 700#. 3200 at 25.6. Ball off. ISIP 530#. 246 bbls. SI 40 min. Let balls settle in rat hole. Bled off.

11:25 P. M. Started frac. Pad - 32.8 @ 3500# 33.2 @ 2780# 36.5 @ 3150#

635 bbls.

½ 1b sd, 36.8 @ 3210#) 120 bbls. 37.3 @ 3160#)

1 lb sd, 37.1 @ 3160# 120 bbls.

1½ 1b sd, 37.7 @ 3100#

28.5 @ 2890#

Total sd 138,400 lbs.

Total fluid: 3043 bbls.

ISIP 400#. After 15 min, 330#. 1:05 A. M. SI 3 hours.

4:00 A. M. Opened up. Flowed back about ½ bbl.

10:15 A. M. Back in hole with tubing. Swabbed.

11:00 A. M. Continued swabbing.