

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-1355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐	2. NAME OF OPERATOR Chace Oil Company, Inc.	3. ADDRESS OF OPERATOR 313 Washington, SE, Albuquerque, NM 87108	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit "A" 610' FNL & 425' FEL At top prod. interval reported below At total depth	5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Tribal 361	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	7. UNIT AGREEMENT NAME	8. FARM OR LEASE NAME Jicarilla Tribal #361	9. WELL NO. #1-361-JV	10. FIELD AND POOL, OR WILDCAT S. Lindrith Gallup Dakota	11. SEC., T., R., M., OR BLOCK AND SURVEY OF AREA Sec. 4, T23N, R4W	12. COUNTY OR PARISH Rio Arriba	13. STATE New Mexico
14. PERMIT NO.	DATE ISSUED											

15. DATE SPUDDED 8-11-82	16. DATE T.D. REACHED 8-22-82	17. DATE COMPL. (Ready to prod.) 9-22-82	18. ELEVATIONS (DF, RER, BT, GR, ETC.)* 7127' GR 7141' KB	19. ELEV. CASINGHEAD 7128'	
20. TOTAL DEPTH, MD & TVD 7450' TD	21. PLUG, BACK T.D., MD & TVD 7320'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY → 0-7450'	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Burro Canyon: 7329'-7378' Dakota "D": 7251'-7283' Lower Gallup: 6146-6268' Dakota "A": 7096'-7112' Greenhorn: 7054'-7068' Upper Gallup: 5831-6102'	25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction - Density	27. WAS WELL CORED No
---	--------------------------

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	SOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	225' KB	9 5/8"	See attached sheet	
4 1/2"	11.6	7448' KB	7 7/8"		

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7276' KB	

31. PERFORATION RECORD (Interval, size and number) See attached sheet	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) See attached sheet AMOUNT AND KIND OF MATERIAL USED
--	---

33. PRODUCTION							
DATE FIRST PRODUCTION 9-22-82	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbing			WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 9-24-82	MODS TESTED 24	CHOKE SIZE 2"	PROD'M. FOR TEST PERIOD →	OIL—BBL 105	GAS—MCF. 60	WATER—BBL 40	GAS-OIL RATIO 57:1
FLOW—TURNING PRESS. 700	CASING PRESSURE 20	CALCULATED 24-HOUR RATE →	OIL—BBL 105	GAS—MCF. 60	WATER—BBL 40	ON OR OFF REPORT (CORR.) 43	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented to be sold	35. LIST OF ATTACHMENTS TEST WITNESSES Andy Birdsell
---	--

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED <i>S. W. Thelley</i>	TITLE President
DATE 9-30-82	

NMOCC

#28 - Cementing

250 sxs (450 CF) Class B cement, 3% calcium chloride, ¼# Flocele per sack.
1st stage: 650 sxs (1170) CF of 50/50 pozmix, 2% gel, 6¼# Gilsonite per sack,
and 6# salt per sack.
2nd stage: 525 sxs (945 CF) of 65/35 pozmix, 12% gel, 6¼# Gilsonite per sack.
200 sxs (360 CF) of 50/50 pozmix, 2% gel, 6¼# Gilsonite per sack.
Followed by 50 sxs (90 CF) of Class B neat.

#31 - Perforation record:

Burro Canyon: 7329', 7368', 7370', 7372', 7374', 7376', 7378' - 4 SPF
Dakota "D": 7251', 7255', 7257', 7261', 7264', 7268', 7274', 7276', 7278', 7283' - 4 SPF
Dakota "A": 7096', 7098', 7102', 7104', 7106', 7110', 7112'. 4 SPF
Greenhorn: 7054', 7062', 7064', 7068'. 4 SPF
Upper Gallup: 5831', 5843', 5846', 5852', 5860', 6085', 6099', 6102'.
Lower Gallup: 6146', 6148', 6187', 6245', 6250', 6252', 6257', 6265', 6268'. 4 SPF

#32 - Acid, Shot, Fracture, Cement Squeeze, etc.

7378-6775'	250 gal. 7½% acetic acid
7329-7283' (Burro Canyon - Dakota "D")	Fluid: 1971 bbls. Sand: 79,000# 20/40
7112'-6729'	Spot 250 gal. 7½% Hcl
6270'-5274'	Spot 650 gal. 7½% Hcl
5831'-6268'	Fluid: 2,415 bbls. Sand: 79,800# 20/40
7096'-7112' (Dakota "A")	Fluid: 363 bbls. Sand: 16,000# 20/40

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see Item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH . TRUE VERT. DEPTH
Ojo	2408'	2578'	Sand - wet		
Pict. Cliffs	2863'	2966'	Sand w/ sh strks - poss gas		
Chacra	3230'	3837'	Shale w/ sd strks		
Cliff House	4388'	4477'	Sd w/ shale strks - wet		
Pt. Lookout	4966'	5158'	Sandy w/ coal and shale strks		
Gallup	6056'	6294'	Shaley w/ sand and strks - oil		
Tocito	6706'	6848'	Sd w/ shale strks		
Greenhorn	7035'	7066'	Limy sd - hard - oil		
Dakota "A"	7090'	7126'	Sd w/ shale strks - oil and gas		
Dakota "D"	7216'	7300'	Sd w/ shale strks - oil and gas		
Burro Canyon	7315'		Sd - wet		