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TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C-110  
Effective 1-1-65

7-1-81  
B.K.

I. Operator  
Chace Oil Company, INC.  
Address  
313 Washington, S.E. Albuquerque, New Mexico 87108  
Reason(s) for filing (Check proper box)  
New Well ☒ Change in Transporter of:  
Recompletion ☐ Oil ☐ Dry Gas ☐  
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐  
Other (Please explain)

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Jicarilla 70	Well No. 5	Pool Name, Including Formation S. Lindreth Gallup-Dakota	Kind of Lease State, Federal or Fee Indian	Lease No. 70
Location Unit Letter "C" 790 Feet From The North Line and 1850 Feet From The West Line of Section 27 Township 24N Range 4W, NMPM, Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> The Permian Corporation Permian (FH 9 / 1 / 67)	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1702 Farmington, NM 87401					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> El Paso Natural Gas	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit C	Sec. 27	Twp. 24N	Rge. 4W	Is gas actually connected? No	When

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 5/26/81	Date Compl. Ready to Prod. 7/31/81	Total Depth 7461'	P.B.T.D. 7418'					
Elevations (DF, RKB, RT, GR, etc.) KB 7019' Gr 7007'	Name of Producing Formation Gallup-Greenhorn	Top Oil/Gas Pay 6120-6298-7115-7320	Tubing Depth 7271					
Perforations 6120-6298, 7053-7150, 7266-7330			Depth Casing Shoe 7460					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
9 5/8"	8 5/8"		209		250			
7 7/8"	4 1/2"		7460		1130			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

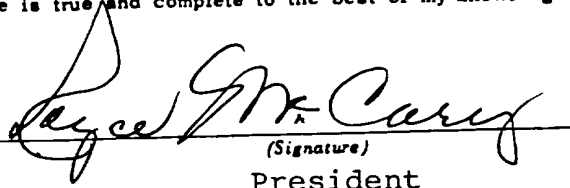
Date First New Oil Run To Tanks 7/31/81	Date of Test 8/6/81	Producing Method (Flow, pump, gas lift, etc.) Flowing & Swabbing	
Length of Test 24	Tubing Pressure 40#	Casing Pressure 300#	Choke Size 2"
Actual Prod. During Test	Oil - Bbls. 61	Water - Bbls. 125	Gas - MCF 135

GAS WELL

Actual Prod. Test-MCF/D	Length of Test AUG 11 1981	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

  
(Signature)  
President  
(Title)  
8/9/81  
(Date)

OIL CONSERVATION COMMISSION  
AUG 11 1981  
APPROVED  
BY Original Signed by FRANK T. CHAVEZ  
SUPERVISOR DISTRICT # 3  
TITLE

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multiple completed wells.

(505) 266-5562

Charles Hill Co  
Journals 70-5  
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EXPECTED FORMATION TOPS:

Ojo	2204'
Pictured Cliffs	2844'
Chacra	3242'
Cliff House	4504'
Point Lookout	5110'
Gallup	6104'
Greenhorn	7014'
Dakota	7094'
Dakota "C"	7254'
Dakota "D"	7294'
Burro Canyon	7369'
TD	7475'

5/27/81 Depth 221', wait on casing 6 1/4 hrs., Deviation Survey  
1 1/2° at 220', waiting on cement and braden head, tear  
down, rig up, activity at report time - drilling,  
rotating hours 3 3/4 hrs., ran cement and casing 1 3/4,  
WOC 6 1/2 hrs., Ran 5 joints (208.99 ft.) of 8 5/8" casing.  
Casing set at 221.99'. K.B. cemented with 250 sxs of  
Class B 2% calcium Chloride. Plug down at 11:40 p.m.  
Circulated 10 bbls. ~~uncemented~~.



WELL HISTORY CON'T.

Chase Oil Co  
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- 5/28/81 Depth 2700', Vis. 36, MW 9 lbs., WL 5.4, Oil 9%, Activity at report time - drilling, trip in hole - 1 3/4 hrs., rig service 1/2 hrs., rotating hours 15, Deviation Survey 1 1/2° at 1567', WOC 6 3/4 hrs.
- 5/29/81 Depth 3755', Vis. 36, MW 8.9, WL 5.8, Oil 10%, Deviation Survey 1° at 3155', rotating hours 15, Activity at report time - drilling, rig service 1/2, trip in hole 4 1/2 hrs., Waiting on welder 4 1/2 hrs., repair mud line.
- 5/30/81 Depth 4165', Vis. 39, MW 8.9, WL 4.2, Oil 8%, Deviation Survey 1/2° at 3998', rotating hours 10 3/4, trip in hole 8 3/4 hrs., Activity at report time - drilling, rig service 1/2, reaming 1 hour, fishing cone out of hole 4 hours.
- 5/31/81 Depth 4906', Vis. 35, MW 9, WL 6, Oil 10%, Activity at report time - drilling, rotating hours 23 1/2, rig service 1/2.
- 6/01/81 Depth 5591', Vis. 35, MW 9, WL 5, Activity at report time - drilling, Oil 10%, rotating hours 23 1/2, service rig 1/2.
- 6/02/81 Depth 5955', Activity at report time - tripping for bit, WL 5, MW 9, Oil 8%, rotating hours 14 1/2, rig service 1/2, trip in hole 1 1/2 hrs., repair 7 3/4 hrs., Vis. 40.
- 6/03/81 Depth 6407', Activity at report time - drilling, MW 9, WL 5.2, Vis. 39, Oil 8%, Deviation Survey 1° at 5955', Drilling 19 1/2, trip in hole 4 1/2, rig service 1/2.
- 6/04/81 Depth 6885', Activity at report time - drilling, WL 4.2, MW 9, Vis. 37, Oil 8%, drilling 23 1/2, rig service 3/4.
- 6/05/81 Depth 7254', Vis. 38, Oil 8%, MW 9, WL 6, rotating hours 20 1/2, trip in hole 3 hrs., rig service 1/2, activity at report time - tripping for bit.



WELL HISTORY CON'T.

Chase Oil Co  
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- 6/06/81 Depth 7461', Vis. 100, Activity at report time - circulating at 3500', WL 5, MW 9.1, Oil 6%, rotating hours 13, trip in hole 6½, circulation 3 3/4 hrs., other 3/4.
- 6/07/81 Depth 7461', Vis. 135, WL 5, MW 9.2, Oil 6%, trip in hole 5½, activity at report time - circulating first stage, circulating 2 3/4 hrs., logging 5 hrs., lay down drill pipe 6 hrs., running casing 3½ hrs., cementing 1½ hrs., ran 185 Jts of 4½" - 10.5# csg to 7460', Csg shoe @7460', float collar @7418', D.V. Tool at 3073', and cement baskets @2748', 6294', 6019', 6959'. Short jt set with cement basket at 6019'. Pumped 1000# Gal. mud flush cement with 730 sks 50-50 Posmix 2# Gel, 6½ salt, 6½ Gilsonite - per sk, Plug down 4:30 a.m., Open D. V. Tool - circulate 3 hrs. Pump 1000 Gal mud flush, cement with 400 sks 65-35, 12# Gel. 6½# Gilsonite per sk. Followed by 50 sks Class B Neet. Plug down 8:55 a.m. Released rig WOCT.
- 7/02/81 Moved Rig "A", completion rig in. WIH with bit and 2 3/8" tbg. Drilled out D.V. tool at 3328'. Washed on down to T.D. - T.D. 7400'.
- 7/03/81 COOH with tubing, ran correlation log. Perforated "D" zone 7306', 7320', ISPF and 7266'-7271' ISPF. Brake *Brake* down perf. with 3500#. Ran 40 balls, balled off. WIH with junk basket, picked up balls.
- 7/04/81 4th July Holiday
- 7/05/81 4th July Holiday
- 7/06/81 Fracked zone with 40,000 gals gel water and 60,000# 2-40 sand. ISDP-2700#, AR-32 BPM., SIP @15m. 2100#, AP - 3500#. Set B.P. @7200'. Perforated 7053-56', 7070'-74', 7092'-96', 7115-21', 7133-50'. Broke down perf. with 2700", dropped 50 balls and balled off all but one hole. Went in with basket and picked up balls fracked with 40,000 gals gel water and 80,000# 20-40 sand. Aug. Rate - 35 B.P.M., Avg. Pres. 3000", ISDP ISDP=2400# @ 15 min., 1700#. Set Bridge plug at 6400' Tested casing. Casing split, could pump in 6 B.P.M. at 800#.
- 7/08/81 In hole with tbg. and packer looking for hole in csg.

