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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form 7-101
Revised 1-1-85

1. Lease Type of Lease	State ☒ Free ☐
2. State Oil & Gas Lease No.	E-1582

10. TYPE OF WELL		7. Unit Agreement Name	
b. TYPE OF COMPLETION OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____ NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____		8. Farm or Lease Name Arco "28" State	
2. Name of Operator Tamarack Petroleum Co., Inc.		9. Well No. 2	
3. Address of Operator 1485 One First City Center, Midland, TX 79701		10. Field and Pool, or Wildcat Reeves (Queen)	
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>1650</u> FEET FROM THE <u>east</u> LINE AND <u>330</u> FEET FROM _____		12. County Lea	
15. Date Spudded 12/14/85		16. Date T.D. Reached 12/23/85	
17. Date Compl. (Ready to Prod.) 1/18/86		18. Elevations (DF, RKB, RT, GR, etc.) 3913.8 GR	
19. Elev. Casinghead 3915		20. Total Depth 4560	
21. Plug Back T.D. 4516		22. If Multiple Compl., How Many 23. Intervals Drilled By 4560	
24. Producing Interval(s), of this completion — Top, Bottom, Name 4480-4483 Queen		25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run DLL, MSFL, LDT		27. Was Well Cored Yes	

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	475	11	300 sks "C", 2% CaCl ₂	None
4 1/2"	10.5	4559	7 7/8	1050 Pacesetter Lite, 3# salt, 200 sks. "C", 4/10% CF-14	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2 3/8	4487	None

31. Perforation Record (Interval, size and number) 4480-4483 4 CJPF .38"		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		4480'-4483'	1250 gals 15% HCL
			11,500 gals Mini-Max III-30
			w/ 18,000# 20/40 Sand

33. PRODUCTION							
Date First Production 1/18/86		Production Method (Flowing, gas lift, pumping — Size and type pump) Rod Pump 16' X 1 1/2" X 2"				Well Status (Prod. or Shut-in) Prod.	
Date of Test 1/20/86	Hours Tested 24	Choke Size NA	Prod'n. For Test Period 89	Oil — Bbl. 105	Gas — MCF 3	Water — Bbl. 35	Gas — Oil Ratio
Flow Tubing Press. NA	Casing Pressure 20#	Calculated 24-Hour Rate 89	Oil — Bbl. 105	Gas — MCF 3	Water — Bbl. 35	Oil Gravity — API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented	Test Witnessed By G. Saling
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35. List of Attachments Logs, Deviation Survey

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Randy A. McClay TITLE Engineering Manager DATE January 20, 1986

INSTRUCTIONS

1. This form is to be filled with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or reworked well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by tape. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filled in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

T. Anhy	1417	T. Canyon	T. Ojo Alamo	T. Penn. "B"	T. Leadville	T. Madison	T. Eibert	T. McCracken	T. Ignacio Qizite	T. Granite	T. Devonian	T. Queen	4443	T. Grayburg	T. San Andres	T. Glorieta	T. Padlock	T. Ellinebry	T. Tubb	T. Drinkard	T. Abo	T. Wolfcamp	T. Penn.	T. Cisco (Bough C)	
T. Salt	2916	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"	T. Penn. "D"	T. Cliff House	T. Mcnefee	T. Point Lookout	T. Mancos	T. Gallup	T. Base Greenhorn	T. McKee	3639	T. Simpson	T. Montoya	T. Ellenburger	T. Gr. Wash	T. Granite	T. Delaware Sand	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	
T. Yates	3257	T. Miss	T. Pictured Cliffs	T. Penn. "B"	T. Madison	T. Eibert	T. McCracken	T. Ignacio Qizite	T. Granite	T. Devonian	T. Queen	4443	T. Grayburg	T. San Andres	T. Glorieta	T. Padlock	T. Ellinebry	T. Tubb	T. Drinkard	T. Abo	T. Wolfcamp	T. Penn.	T. Cisco (Bough C)		
T. 7 Rivers	3639	T. Devonian	T. Silurian	T. Montoya	T. Simpson	T. McKee	T. Ellenburger	T. Gr. Wash	T. Granite	T. Delaware Sand	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T. Ojo Alamo	T. Kirtland-Fruitland	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Eibert	T. McCracken	T. Ignacio Qizite	T. Granite

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FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1417	1756	Red Bed				
1417	1756	3068	Anhydrite				
1756	3068	3404	Salt & Anhydrite				
3068	3404	4113	Lime, Anhydrite & Salt				
3404	4113	4443	Lime & Anhydrite				
4113	4443	4560	Dolomite, Anhydrite & Shale				
4443	4560		Dolomite & Sandstone				

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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 1-1-85

Operator Tamarack Petroleum Co., Inc.	
Address 1485 One First City Center, Midland, TX 79701	
Reason(s) for filing (Check proper box)	Other (Please Specify)
New Well ☒	Casinghead Gas MUST NOT BE FLARED ORER 3/18/86 UNLESS AN EXCEPTION TO R-4070 IS OBTAINED.
Recompletion ☐	
Change in Ownership ☐	
Change in Transporter of:	
Oil ☐	Dry Gas ☐
Casinghead Gas ☐	Condensate ☐

If change of ownership give name and address of previous owner _____

DESCRIPTION OF WELL AND LEASE				
Lease Name Arco "28" State	Well No. 2	Pool Name, Including Formation Reeves (Queen)	Kind of Lease State, Federal or Fee State	Lease No. E-1582
Location				
Unit Letter B	1650	Feet From The East	Line and 330	Feet From The North
Line of Section 28	Township 18-S	Range 35-E	NMPM, Lea	County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS				
Name of Authorized Transporter of Oil ☒ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)			
The Permian Corp.	Box 1183, Houston TX 77001			
Name of Authorized Transporter of Casinghead Gas ☐ or Dry 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 A	Sec. 28	Twp. 18-S	Rge. 35-E
				Is gas actually connected? When

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

COMPLETION DATA									
Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.	
X	X		X						
Date Spudded 12/14/85	Date Compl. Ready to Prod. 1/18/86		Total Depth 4560		P.B.T.D. 4516				
Elevations (DF, RKB, RT, GR, etc.) 3913.8 GR	Name of Producing Formation Queen		Top Oil/Gas Pay 4480		Tubing Depth 4487				
Perforations 4480-4483					Depth Casing Shoe 4559				
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT				
11	8 5/8		475		300				
7 7/8	4 1/2		4559		1250				
4 1/2 casing	2 3/8		4487		-				

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 1/18/86	Date of Test 1/20/86	Producing Method (Flow, pump, gas lift, etc.) Rod Pump	
Length of Test 24 hrs	Tubing Pressure ---	Casing Pressure 20#	Choke Size -
Actual Prod. During Test	Oil-Bbls. 89	Water-Bbls. 3	Gas-MCF 105

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

CERTIFICATE OF COMPLIANCE		OIL CONSERVATION COMMISSION	
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.		APPROVED <u>JAN 23 1986</u> , 19	
<u>Randy A. McClay</u> (Signature) Engineering Manager (Title) 1/20/86 (Date)		BY <u>ORIGINAL SIGNED BY JERRY SEXTON</u> DISTRICT SUPERVISOR 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. This Form C-104 must be filed for each pool in multiply	

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